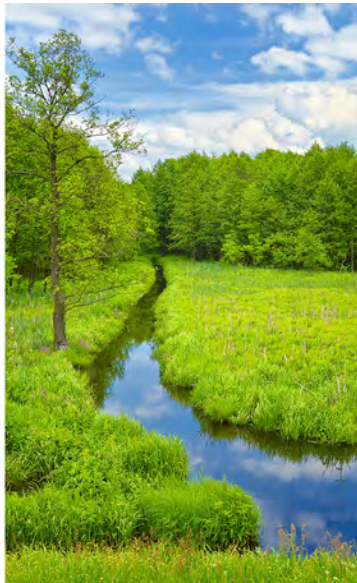




[www.CRAworld.com](http://www.CRAworld.com)



**2013 ANNUAL MONITORING REPORT  
RCRA CORRECTIVE ACTION  
IND 980 700 801**

2915 DR. MARTIN LUTHER KING JR. BOULEVARD, ANDERSON, IN  
REVITALIZING AUTO COMMUNITIES ENVIRONMENTAL  
RESPONSE TRUST

Prepared for: Indiana Department of Environmental  
Management

**Conestoga-Rovers & Associates**

6520 Corporate Drive  
Indianapolis, Indiana 46278

January 2014 • 017302 • Report No. 33



**Table of Contents**

	<b>Page</b>
<b>Section 1.0 Introduction.....</b>	<b>1</b>
1.1 Objectives .....	1
1.2 Report Organization.....	1
<b>Section 2.0 Groundwater Monitoring Overview.....</b>	<b>2</b>
2.1 Site Description.....	2
2.2 Hydrologic Setting.....	3
2.2.1 Physiography.....	3
2.2.2 Stormwater/Surface Water Drainage.....	3
2.2.3 Hydrogeology.....	4
2.3 Previous Groundwater Investigations .....	6
2.4 Area 1 – South Court And Related Areas.....	7
2.5 Interim Measures.....	7
<b>Section 3.0 Groundwater And Surface Water Monitoring Activities .....</b>	<b>8</b>
3.1 Water Level Measurements .....	8
3.2 Monitoring Well Sampling .....	9
3.3 Surface Water Sampling .....	10
3.4 Sampling Protocol.....	10
<b>Section 4.0 Potentiometric Surface Mapping .....</b>	<b>10</b>
<b>Section 5.0 Analytical Results .....</b>	<b>11</b>
5.1 Risk-Based Screening .....	12
5.2 AOC 1 – South Court Plume .....	12
5.3 Former WWTP Area Plume.....	13
5.4 Extent Of Groundwater Contamination .....	13
5.5 Surface Water .....	14
<b>Section 6.0 MNA Evaluation .....</b>	<b>15</b>
<b>Section 7.0 Statistical Analysis.....</b>	<b>16</b>
7.1 Mann-Kendall Test.....	17
7.2 Outlier Testing .....	18
7.3 Results.....	18
<b>Section 8.0 Conclusions.....</b>	<b>19</b>
<b>Section 9.0 Recommendations .....</b>	<b>21</b>
<b>Section 10.0 References .....</b>	<b>21</b>

**List of Figures  
(Following Text)**

Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Areas of Interest
Figure 4	Generalized Hydrogeologic Cross Section Showing Well Completion Zones
Figure 5	Potentiometric Groundwater Elevations - Unit 3S, October 21, 2013
Figure 6	Potentiometric Groundwater Elevations - Unit 3D, October 21, 2013
Figure 7	Potentiometric Groundwater Elevations - Unit 3 Bedrock, October 21, 2013
Figure 8	On-Site VOC Groundwater Results VOCs (2009 - 2013)
Figure 9	Off-Site VOC Groundwater and Surface Water Results VOCs (2009 - 2013)
Figure 10	Concentration of Trichloroethene In Groundwater - Unit 3S
Figure 11	Concentration of CIS-1,2-Dichloroethene in Groundwater - Unit 3S
Figure 12	Concentration of Vinyl Chloride In Groundwater - Unit 3S
Figure 13	MNA Parameters

**List of Tables  
(Following Text)**

Table 1	Site-Wide Groundwater Monitoring Program
Table 2	Monitoring Well Construction Details
Table 3	Groundwater Elevation Data - 2013
Table 4	Sample Key
Table 5	CRA Well Stabilization Parameters - April & October 2013
Table 6	Summary of Groundwater Analytical Data - VOCs
Table 7	Summary of Surface Water Analytical Data - VOCs
Table 8	Summary of Groundwater Analytical Data - Metals
Table 9	Preliminary Screening for Anaerobic Biodegradation Process
Table 10	Trend Test Summary

### List of Appendices

Appendix A	Data Quality Assessment and Validation Reports
Appendix A.1	April 2013 Data Validation Report
Appendix A.2	July 2013 Data Validation Report
Appendix A.3	October 2013 Data Validation Report
Appendix B	Data Analysis Tables and Plots
Appendix C	Laboratory Analytical Reports

### List of Acronyms/Short Forms

1,1-DCE	1,1,1-dichloroethene
1,1,1,-TCA	1,1,1-trichloroethane
mg/L	milligram per liter
AOC	area of concern
AOI	areas of interest
bgs	below ground surface
cis-1,2-DCE	cis-1,2-dichloroethene
CM	corrective measures
CMP	corrective measures plan
CRA	Conestoga-Rovers and Associates
DO	dissolved oxygen
ENVIRON	ENVIRON International Corporation
EPA	Environmental Protection Agency, US
FEMA	Federal Emergency Management Agency
FMG	Field Method Guideline
GMC	General Motors Corporation
GPS	Global Positioning System
HRC	hydrogen release compound
HQ	hazard quotient
ID	sample identification
IDEM	Indiana Department of Environmental Management
IDNR	Indiana Department of Natural Resources
IDW	investigative derived waste
IM	Interim Measure

**List of Acronyms/Short Forms  
(Continued)**

MNA	Monitored Natural Attenuation
MCL	Maximum Contaminant Level
MLK	Martin Luther King Jr.
MS/MSD	matrix spike/matrix spike duplicate
NAVD	North American Vertical Datum
ORP	oxidation reduction potential
POTW	publicly owned treatment works
RACER	Revitalizing Auto Communities Environmental Response Trust
RCRA	Resource Conservation and recovery Act
RFI	RCRA Facility Investigation
RISC	Risk Integrated System of Closure
SWMU	Solid Waste Management Unit
TCE	trichloroethene
TCL	target compound list
trans-1,2-DCE	trans-1,2-dichloroethene
U.S.	United States
VC	vinyl chloride
VI	vapor intrusion
VOC	volatile organic compound
WWTP	wastewater treatment plan

## Section 1.0 Introduction

Conestoga-Rovers and Associates (CRA), on behalf of the Revitalizing Auto Communities Environmental Response (RACER) Trust, has prepared this 2013 Annual Monitoring Report (Report) for the RACER Trust facility located at 2915 Dr. Martin Luther King Junior Boulevard in Anderson, Indiana (Site).

This Report has been prepared to summarize the results of groundwater and surface water monitoring conducted at and near the Site in 2013. This report is submitted to the Indiana Department of Environmental Management (IDEM) in support of ongoing Resource Conservation and Recovery Act (RCRA) Corrective Action at the Site. The monitoring was conducted pursuant to the Site-wide Groundwater Monitoring Plan (AECOM, October 28, 2010), subsequent recommendations made in the 2010 Annual Groundwater Monitoring Report (AECOM, January 2011), request for modifications to the Site-wide Groundwater Monitoring Plan (CRA, April 2012), conclusions presented in the 2012 Annual Groundwater Monitoring Report (CRA, February 2013), and discussions between IDEM and RACER Trust in 2013.

### 1.1 Objectives

The Site-wide groundwater monitoring program was intended to be implemented concurrent to the final corrective measures at the Site. The primary objectives of the Site-wide groundwater monitoring are to:

1. Evaluate the effectiveness of the proposed in-situ corrective measures (CM) for groundwater
2. Monitor the stability of the two volatile organic compound (VOC) plumes

As final corrective measures have not been implemented to date, this report has been prepared to present the stability analysis of the VOC plumes as updated with 2013 data. As appropriate, this Report supplements findings of the Final RFI Report (Earth Tech, Inc. and ENVIRON, June 2011) and the previous annual groundwater monitoring reports (Earth Tech, Inc. and ENVIRON, January 31, 2007; Earth Tech, Inc., January 31, 2008; AECOM, February 27, 2009, April 26, 2010, January 31, 2011, and January 31, 2012 and CRA February, 2013). It is noted that the historical information in this Report is largely cited from the 2011 Annual Groundwater Monitoring Report (AECOM, 2012), prepared by others.

### 1.2 Report Organization

Section 2 of this Report provides a general Site overview. Section 3 summarizes the work conducted as part of the groundwater and surface water monitoring program. Section 4 summarizes the hydrogeologic conditions at the Site. A summary of the 2013 analytical data is presented in Section 5. Section 6 includes a monitored natural attenuation (MNA) evaluation to determine if biodegradation of VOCs is occurring and if conditions at the Site are conducive for continued biodegradation to occur at

the Site. Section 7 includes a statistical analysis regarding the nature and extent of groundwater contamination, including trend analyses of the concentrations of the principal Site VOC constituents in groundwater. Conclusions and recommendations for future monitoring are provided in Sections 8 and 9, respectively.

## **Section 2.0 Groundwater Monitoring Overview**

### **2.1 Site Description**

The Site is located in the northwest quarter of Section 23, T19N, R7E, on the southwest side of Anderson, Madison County, Indiana. Formerly, the Site comprised approximately 3,000,000 square feet of manufacturing area situated on 234 acres. Martin Luther King Junior (MLK) Boulevard divides the Site in a north-south direction. General Motors Corporation (GMC) previously conducted automotive parts manufacturing operations in plants on both sides of MLK Boulevard. The former east manufacturing areas (Plants 6 and 9) are bounded by MLK Boulevard on the west, by a railroad on the south, by 29th Street on the north, and by Madison Avenue on the east. A Site location map is provided on Figure 1 and a Site plan is provided on Figure 2.

The manufacturing facilities west of MLK Boulevard, referred to as the Main Plant, were bounded on the west, south and southeast by railroad tracks, and on the north by 25th Street. Facility parking areas were located west of the westernmost railroad, and north of 25th Street. Formerly developed areas of the property were largely covered with asphalt or concrete. Land use surrounding the Site varies from residential and commercial on the north and east, residential and recreational on the south, and agricultural on the west. A small public-access park is located in the northwest part of the property. The Meadowbrook Golf Course is located southeast of the Site.

GM began operations at the MLK Boulevard facility in 1929. Manufacturing plants were expanded several times, generally proceeding from the north end of the Main Plant southward and eastward. East of MLK Boulevard, Plant 9 construction commenced in 1969, and building additions were performed in 1973, 1977, 1981, 1985, 1986 and 1989. Manufacturing operations on the Site ceased in 2006. All facilities west of MLK Boulevard were demolished during the period of late 2007 to early 2009. The demolition included the removal of all concrete building slabs and many areas of pavement around the immediate Main Plant building area. Following demolition, the area was regraded and covered with varying thicknesses of crushed concrete. A soil and vegetative cover were applied during the summer of 2009. The former Main Plant building location is now an open field.

The former Plant 6 and 9 properties and a lot east of Madison Avenue were sold soon after related manufacturing operations ceased in 1997. The remaining portions of the property were held by GMC until its bankruptcy in June 2009 and are currently owned by the RACER Trust. The RACER Trust was created in March 2011 by the United States (U.S.) Bankruptcy Court to clean up and position for

redevelopment certain properties and other facilities owned by former GMC before the 2009 bankruptcy. The Site boundary, historical operations, and Areas of Interest (AOIs) are provided on Figure 3.

## **2.2 Hydrologic Setting**

### **2.2.1 Physiography**

The Site is situated in the New Castle Till Plains and Drainage ways Section of the Central Till Plain Region as described by Gray (2000). This area was affected by multiple continental glaciations that deposited a thick blanket of glacial sediments over the bedrock. The New Castle Till Plains and Drainage ways Section is primarily underlain by complexly stratified glacial diamict deposits, glaciofluvial sand and gravel deposits and glaciolacustrine silt and clay deposits. The area is characterized by broad plains of low relief crossed by relict glacial meltwater valleys (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

### **2.2.2 Stormwater/Surface Water Drainage**

The Site area is nearly level with elevations ranging from 860 to 880 feet NAVD 88. East of MLK Boulevard the elevation is lowest, and the surface elevation descends into a relict glacial meltwater valley. Former Plant 9, Plant 6, and the Meadowbrook Golf Course are all located in the relict meltwater valley, the western border of which roughly follows the alignment of MLK Boulevard. This valley trends south-southwest from Anderson, Indiana several miles towards Pendleton, Indiana (Brown and others, 2003). A small channelized stream, Stanley Ditch, occupies the north end of the relict meltwater valley and drains westward along the south boundary of the Meadowbrook Golf Course. Stanley Ditch originally flowed to the north between former Plant 6 and Plant 9 but was diverted southward in 1963 to provide stormwater relief for the City of Anderson combined sewer system. As a result, Stanley Ditch is now tributary to Prairie Creek and flows to the south down the trend of the valley to Pendleton, Indiana where it joins Fall Creek, a tributary to the West Fork White River.

Stormwater run-off from paved areas of the property either infiltrates the ground surface or is directed to the combined sewer system that discharges north to the City of Anderson Publicly Owned Treatment Work (POTW) on the West Fork White River. The combined sewer system flows northward across the Meadowbrook Golf Course property and beneath former Plant 9 up the trend of the relict meltwater channel. Stormwater on the northern portion of the Meadowbrook Golf course property is directed through piping, and discharges to ponds. Stormwater in the southern portion of the Meadowbrook property drains southward toward Stanley Ditch that flows along the southern and eastern property boundaries of the golf course.

A drainage divide between Stanley Ditch and Prairie Creek, draining to the south, and the combined sewer system, draining north to West Fork White River, appears to occur near the south side of former



Plant 9, perhaps near and along the South Anderson Cutoff railroad embankment. Areas to the south of the railroad embankment, including most of the Meadowbrook Golf Course, are floodway and floodway fringe areas subject to flooding (FEMA, February 18, 1994). (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

### 2.2.3 Hydrogeology

Figure 4 presents a generalized, schematic east-west hydrogeologic cross section of the unconsolidated materials at the Site showing monitoring well completion intervals. The unconsolidated deposits range from less than 20 feet to over 160 feet in thickness and overlie an irregular bedrock surface. Bedrock beneath the Site consists of carbonate rocks of Silurian age. The bedrock topography beneath the Site slopes to the northwest into a pre-glacial bedrock valley. The bedrock is high (above 840 foot elevation) in the southern portion of the former Plant 9 area and at the Meadowbrook Golf Course. Bedrock is generally only about 20 feet below ground surface (bgs) in this area as a result of both the high bedrock elevation and low ground surface elevation in the relict meltwater valley area east of MLK Boulevard. To the northwest, the bedrock elevation descends to below 730 foot elevation at former groundwater production well 11 and the bedrock in this area is in excess of 158 feet bgs.

Detailed hydrogeologic cross sections are presented in both the Stage II RFI Data Report (Earth Tech, March 30, 2005) and the RFI Final Report (Earth Tech and ENVIRON, September 28, 2007). Five distinct geologic units are recognized in the unconsolidated surficial soil materials. These units are identified from top to bottom as Units 1 to 5.

Unit 1 is a heterogeneous fill material consisting of silty clay loam, silty clay, sandy clay, sandy clay loam, and loam texture soil intermixed, in places, with debris consisting of wood, brick, glass, brick, concrete, coal fragments, and cinders. The unit consists of fill material placed at various times during the developmental history of the property and is generally no more than a few feet in thickness. In places, the lower portion of the Unit 1 fill is saturated and a localized perched groundwater zone occurs. The clayey diamicts in the underlying Unit 2 confining unit cause this perched groundwater condition. Saturated conditions have been observed in the basal portion of Unit 1 in several shallow AOC 1 – South Court Area soil borings.

Unit 2 is a glacial diamict of silty clay loam, silty clay, and loam texture with occasional thin, interbedded sand and gravel deposits. Sand and gravel lithologies make up a small percentage of the unit. Unit 2 is thin in southern and eastern parts of the Site, but thickens to the north and west.

Unit 3 consists of stratified sand and gravel and forms the uppermost aquifer beneath the Site. In places, a diamict occurs within Unit 3 and is identified as the Unit 3 Confining Bed. At some locations the confining bed is represented by a distinctive silty texture and laminated structure. The confining bed is hydrologically significant because it separates the Unit 3 aquifer into an upper portion (Unit 3S) and lower portion (Unit 3D). Unit 3 is generally only 10 to 20 feet thick in the eastern part of the Site

beneath the meltwater valley. The unit thickens appreciably in the western part of the area where it forms the major portion of the unconsolidated deposits.

Unit 3 is almost entirely within the phreatic zone and is the uppermost aquifer unit at the Site. Groundwater may exist in the unit under both confined and unconfined conditions. Where the base of Unit 2 is relatively high in elevation, the upper few feet of Unit 3 are unsaturated, and unconfined conditions occur. At locations where the base of Unit 2 is relatively low in elevation the top of Unit 3 is saturated, and confined conditions occur.

Conceptually, Unit 3 may be divided into an upper (Unit 3S) and lower (Unit 3D) part. In those places where there is no physical separation between the upper and lower parts of the unit provided by the Unit 3 Confining Bed, the designations 3S and 3D merely provide a convenient way to refer to the upper and lower portions of the Unit 3 aquifer, and the monitoring wells completed therein. Where a physical separation occurs due to the presence of the Unit 3 Confining Bed, Unit 3S refers to that portion of the aquifer above the confining layer and Unit 3D refers to that portion below the confining layer. Locally, the Unit 3 Confining Bed induces a downward vertical gradient within the Unit 3 aquifer. Where the confining bed is absent, water levels in Units 3S and 3D are comparable.

The lateral groundwater gradient in Unit 3S is directed to the northeast in AOC 1 - South Court Area. Locally there are significant variations in the magnitude and direction of the gradient related, in part, to the presence or absence of the Unit 3 Confining Bed. An east-southeast oriented potentiometric trough in Unit 3S persistently occurs in the vicinity MW 40, 42, and 68 where the confining bed is absent. In this area groundwater flow in Unit 3S appears to be directed easterly into the relict meltwater valley.

The hydraulic gradient for Unit 3D is more consistent and the potentiometric surface for this unit suggests an eastward gradient in the South Court Area and along MLK Boulevard into the relict meltwater valley. The north-northeast / south-southwest oriented relict meltwater valley at former Plant 9 and the Meadowbrook Golf Course appears to induce a hydraulic gradient to the south along its axis. Contaminants in the lower portion of Unit 3 would be expected to move generally eastward and then southward near the former WWTP area.

Unit 4 consists of hard diamict of loam or clay loam texture. The unit forms a confining bed between Unit 3 and Silurian carbonate bedrock. The unit is absent from the eastern part of the area at Plant 9 and portions of the adjacent Meadowbrook Golf Course.

Two deep bedrock borings at the north end of the Site (MW 62 and MW 71) encountered a bed of cobbles above the bedrock surface. This zone is referred to as Unit 5. The unit was encountered at no other locations. (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

## 2.3 Previous Groundwater Investigations

The following sections summarize groundwater investigations that have been conducted at the Site. Monitoring wells on and adjacent to the Site have been installed at various times. There are currently a total of 101 monitoring wells in the area as shown on Figure 2. The earliest Site wells (MW 1 to MW 17) were installed in 1992 and 1993 for the purposes of evaluating a suspected waste oil leak at Area 1 – Former Waste Oil Tank [Solid Waste Management Unit (SWMU) 16]. The longest monitoring history exists for these wells. Most of the 1992 – 1993 wells were installed in Unit 3S. No evidence of a significant waste oil leak was found at SWMU 16, but elevated concentrations of VOCs, primarily trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) were detected in several wells in this area. These wells are now known to be located in and around a source area for the Area 1 – South Court VOC plume, as described later in the report.

Work associated with RFI Stage I in 2000 – 2001 included installation of 19 new monitoring wells (MW 18 to MW 37) and collection of 85 groundwater samples from new and existing wells. The new wells were completed in Units 1, 3S, and 3D. The Stage I investigations partially delineated a groundwater VOC plume extending north and east from AOC 1 - South Court. This plume was found to lie underneath several previously-defined AOIs and was referred to as Area 1. The Stage I RFI investigations identified concentrations of TCE, cis-1,2-DCE, and vinyl chloride above screening criteria based on state and federal Maximum Contaminant Levels (MCLs). A Stage I RFI report was completed in 2001, and this report included a work plan for additional groundwater delineation work in both on and off-Site areas (Earth Tech and ENVIRON, July 31, 2001).

Stage II RFI investigations began in late 2003. Work associated with the Stage II RFI in 2003 – 2005 included installation of 47 monitoring wells (MW 38 to MW 84) and collection of 182 groundwater samples from both new and existing wells. Area 1 was expanded to include Plant 9 as well as off-Site areas including Meadowbrook Golf Course. Seven wells (MW-1 to MW-7) were installed on the golf course by others in 2003. Sampling of MW-4 in October 2003 indicated that high concentrations of cis-1,2-DCE and vinyl chloride were present. Additional wells (MW 56, 57, 58 77, and 85) were installed by GMC on the golf course in 2004 and 2007 to delineate the VOC plume southeast of MW-4. These and other RFI Stage II monitoring wells delineated the concentrations of TCE, cis-1,2-DCE, and vinyl chloride above MCLs both on and off-Site (Earth Tech and ENVIRON, September 28, 2007). Three additional monitoring wells (MW 86, MW 87, and MW 88) were installed on the Plant 9 property in October 2010 to provide additional downgradient plume delineation. One well was installed downgradient of MW49 (MW89-11) in 2011 to provide additional downgradient plume delineation at a nearby residential property. In 2012 and 2013 three monitoring wells (MW90-12, MW91-12, and MW92-13) were installed near a recently identified AOI referred to as former Bay M26/M27 to confirm the presence of metals impacts, if any. In 2013 four monitoring wells (MW 93-13 to MW 96-13) were installed to delineate the horizontal extent of groundwater impacts in the vicinity of the former WWTP.

From October 2005 until October 2007 GMC conducted quarterly monitoring of a selected group of monitoring wells according to an interim Site-wide groundwater monitoring plan (Conestoga-Rovers & Associates, September 20, 2005). This work was conducted for nine consecutive quarters ending in October 2007. Summary results from this monitoring have been provided in the previous 2006 and 2007 Annual Groundwater Monitoring Reports (Earth Tech and ENVIRON January 31, 2007, January 31, 2008). An additional round of groundwater monitoring was conducted in February 2008.

The interim monitoring program was replaced by a Site-wide groundwater monitoring plan associated with the draft Final Corrective Measures Proposal (CMP) for the facility. This program conducts semiannual sampling at a modified well list with sampling of two surface water monitoring points on the Meadowbrook Golf Course conducted three times per year. The sampling plan for this program (AECOM, October 28, 2010) was approved by the IDEM on November 24, 2010. Sampling under this program has been conducted since June 2008. (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

## 2.4 Area 1 – South Court And Related Areas

The groundwater contaminate plumes at the Site are associated with Area 1 – South Court and Related Areas. Previous isoconcentration maps for Unit 3 suggest there are two separate VOC plumes. One plume is associated with Area 1 – South Court. The AOC 1 – South Court plume extends in a northeast direction from the South Court beneath several SWMUs in the former Main Plant building area. The predominant VOC contaminants detected in this area are TCE, cis-1,2-DCE, and vinyl chloride. The highest reported concentrations of TCE in this plume are found in the South Court at MW 3 (Unit 3S) and MW 15 (Unit 3S) and MW 31R (Unit 1). Perched groundwater in Unit 1 appears to serve as a source area for VOC contaminants in Unit 3. These VOC contaminants are present in both the 3S and 3D portions of Unit 3, but concentrations are generally higher in the upper portion of the unit.

A separate plume is located along and east of MLK Boulevard. The primary evidence for separation of this plume from the AOC 1 – South Court plume comes from five Unit 3S wells located between the plumes where VOCs have not been detected, or detected at only very low levels (MW 16, MW 17, MW 46, MW 57 and MW 84). The VOC plume east of MLK Boulevard extends from an apparent source near MW 68 and the former WWTP along MLK Boulevard eastward toward former Plant 9 and the Meadowbrook Golf Course. The plume has migrated to the south to at least MW 85 on the golf course. This plume is referred to as the former WWTP Area plume. The predominant VOC constituents detected in this area are cis-1,2-DCE, and vinyl chloride. TCE is only a minor plume component. (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

## 2.5 Interim Measures

GMC implemented three interim measures (IMs) related to soil and groundwater at the Site. One interim measure included the removal of soil at the MW 31 area of AOC 1 – South Court that contained

TCE concentrations that were an order of magnitude greater than the soil concentrations in other portions of the area. In addition to removing the soil in this area, perched groundwater in Unit 1 fill was treated with hydrogen release compound (HRC®) as a source control measure for TCE, cis-1,2-DCE, and vinyl chloride in Unit 1 and the underlying Unit 3 groundwater. During the IM, monitoring well MW 31 completed in the fill soil was removed. Following the IM a replacement well (MW 31R) was installed at the former MW 31 well location.

The second interim measure implemented by GMC included the abandonment of two potable wells at the Meadowbrook Golf Course and subsequent connection of the golf course to public water supply. In addition, GMC and the owners of the Meadowbrook Golf Course have entered into an access agreement that prohibits the use of groundwater under the golf course property. The agreement does allow use of surface water from a pond on the property for irrigation purposes. Samples from this pond are regularly collected and analyzed for VOCs.

The third interim measure implemented by GMC included the abandonment and plugging of five former groundwater production wells on Site. This work was completed during the period April 30 to September 4, 2007 in accordance with Indiana Department of Natural Resources (IDNR) well abandonment rules (312 IAC 13). Abandonment activities included electrical disconnect, pump motor and pump column removal, and well grouting. The work followed a written work plan for well abandonment (Earth Tech, July 27, 2006) and was conducted by a licensed State of Indiana water well drilling contractor. The work is summarized in an Earth Tech memo dated November 16, 2007. (2011 Annual Groundwater Monitoring Report, AECOM, January 31, 2012).

### **Section 3.0 Groundwater And Surface Water Monitoring Activities**

Groundwater and surface water monitoring activities were conducted in 2013 in general accordance with the Site-wide Groundwater Monitoring Plan, as modified. The Site-wide groundwater monitoring program includes 34 monitoring wells sampled annually with a subset of these wells sampled semi-annually. The surface water monitoring program includes sampling the Meadowbrook Golf Course Irrigation Pond during the spring, summer, and fall seasons. A summary of the Site-wide groundwater monitoring program is provided in Table 1. Monitoring well construction details for all the monitoring wells on-Site are provided in Table 2.

#### **3.1 Water Level Measurements**

Water level measurements were collected during the April and October 2013 monitoring events. During the April 2013 event, water levels were generally collected from accessible monitoring wells included in the Site-wide groundwater monitoring program. During the October 2013 event, water levels were collected from all accessible monitoring wells. Some monitoring wells were not gauged during either event as they could not be located or were not accessible. The static groundwater elevations measured

during the April and October 2013 monitoring events are summarized in Table 3, along with previous groundwater elevations measured in October 2012 for comparative reference.

### 3.2 Monitoring Well Sampling

There are currently 34 wells included in the annual monitoring activities as summarized in Table 1. Semi-annual groundwater monitoring was conducted by CRA between April 8, and 12, 2013. Annual groundwater monitoring was conducted by CRA between October 21, and 29, 2013. A sample key summarizing the groundwater samples collected during the April and October 2013 monitoring events is provided in Table 4.

In the 2012 Annual Groundwater Monitoring Report, CRA recommended that groundwater sampling be conducted at MW 16, MW 29, MW 59, and MW 84 to confirm that the groundwater mound in Unit 3 that extends in a north-south arc from the MW 46 area on the south to MW 29 on the north continues to separate the two VOC groundwater plumes. These monitoring wells have historically been non detect for VOCs but had not been sampled for several years. IDEM agreed with the additional VOC monitoring and requested that the samples also be analyzed for metals. During the April 2013 sampling event, MW 29, MW 59, and MW 84 were sampled for VOCs and metals, however MW 16 could not be located.

Further, CRA recommended that sampling for MNA parameters resume on an annual basis beginning in October 2013 to assist in evaluating remedial technologies for both VOC plumes. During the October 2013 sampling event, MNA parameters were collected from monitoring wells with historical MNA data (MW 3, MW-4, MW 8, MW 15, MW 31R, MW 40, and MW 57). The MNA field parameters collected included dissolved oxygen, ferrous iron, oxygen reduction potential, and pH and the MNA laboratory parameters analyzed included alkalinity (bicarbonate and carbonate), chloride, dissolved gases (ethane, ethene, methane), dissolved manganese, dissolved organic carbon, hardness, nitrate, nitrite, sulfate, sulfide, and total organic carbon.

Prior to groundwater sample collection, the monitoring wells were purged using a submersible pump and low flow purge techniques, to the extent practical to remove suspended solids, reduce turbidity, and allow visual observation of sample color. Field parameters including conductivity, dissolved oxygen (DO), oxygen reduction potential (ORP), pH, temperature, and turbidity were recorded. Groundwater samples were collected using a submersible pump and low flow sampling techniques. Where samples were collected for metals analysis, samples were filtered in the field with the use of a 0.45  $\mu\text{m}$  inline filter. Groundwater samples, including field duplicate and matrix spike/matrix spike duplicate (MS/MSD) samples, were submitted to TestAmerica for chemical analysis of target compound list (TCL) VOCs using analytical method 8260B and/or metals using analytical method 6010. Well stabilization parameters recorded by CRA are provided in Table 5. A sample key is provided in Table 4.

### 3.3 Surface Water Sampling

Surface water samples were collected by CRA on April 12, July 17, and October 29, 2013 from the central irrigation pond located southeast of MW 85 on the Meadowbrook Golf Course. Samples were collected near the irrigation water intake (Pond Intake) and also from a location closest to MW 85 (Pond North). Surface water samples, were submitted to TestAmerica for chemical analysis of TCL VOCs using analytical method 8260B.

### 3.4 Sampling Protocol

Monitoring well and surface water samples collected were assigned a unique sample identification (ID) number. Sample ID numbers were recorded in a field book with the corresponding sample location.

All monitoring well samples were collected using low-flow submersible pumps that are dedicated to the project and well-specific dedicated Teflon-lined pump discharge tubing. All non-consumable equipment that contacted groundwater was decontaminated in accordance with the Field Method Guidelines (FMGs) contained in the Site-wide Groundwater Monitoring Plan. Consumable equipment (tubing) and personal protective equipment (PPE) were disposed of off-Site.

Investigative derived waste (IDW) generated from purge water and decontamination fluid during monitoring activities was containerized in an on-Site bulk polyethylene tank. A non-hazardous waste profile for the IDW was developed in late 2013. The IDW is scheduled to be removed from the Site for appropriate off-Site disposal in January 2014 by Heritage Environmental Services.

## Section 4.0 Potentiometric Surface Mapping

Groundwater elevations were recorded at select monitoring wells in April and all accessible monitoring wells in October 2013. The groundwater elevations measured during the April and October 2013 monitoring events are summarized in Table 3, along with previous groundwater elevations measured in October 2012 for comparative reference. Water levels measured during the April event were generally higher than those measured during October.

Based on the October 2013 groundwater elevations, CRA developed potentiometric groundwater contours for Unit 3S, Unit 3D, and the bedrock aquifers as shown on Figures 5 to 7.

The groundwater contours for the October 2013 Unit 3S data are provided on Figure 5. The groundwater elevation contour map indicates that there is a general northeasterly gradient beneath the central and northern portions of the former Main Plant building. Beneath the southern portion of the former Main Plant, groundwater flow has a stronger easterly component.

Data from the October event again indicates the presence of a prominent groundwater mound, or ridge in Unit 3S that extends in a north-south arc from the MW 46 area on the south to about MW 29 on the north. As discussed in previous annual reports, this groundwater high appears to separate the AOC-1 South Court and WWTP area plumes. The AOC-1 South Court plume extends beneath the former Main Plant Building and affects several monitoring wells including, from south to north, MW 79, MW 60, and MW 51. In contrast, the Unit 3S monitoring wells along the arc including MW 46, MW 16, MW 84, MW 59, and MW 29 have not shown any significant VOC contamination.

The groundwater contours for the October 2013 Unit 3D data are provided on Figure 6. The groundwater elevation contour map indicates that there is a general easterly gradient across the west portion of the Site and a general northwesterly gradient across the east portion of the Site into the Meltwater Valley.

The groundwater contours for the October 2013 bedrock aquifer data are provided on Figure 7. The groundwater elevation contour maps indicate that there is an easterly gradient across the Site.

## Section 5.0 Analytical Results

The sample key (Table 4) summarizes the groundwater and surface water monitoring conducted in 2013. The 2013 laboratory analytical data generated from the groundwater and surface water sampling have been summarized in Table 6 (groundwater VOCs), Table 7 (surface water VOCs), and Table 8 (groundwater metals) respectively. Analytical data from all sampling events between 2009 and 2013 for monitoring wells included in the Groundwater Monitoring Program are presented on Figure 8 and Figure 9. Excluding chlorobenzene, styrene, and tetrachloroethene, the VOC parameter list shown on Figure 8 and Figure 9 includes any VOC compound that has exceeded conservative screening criteria at any well or surface water location during any sampling event. As noted in previous annual reports, chlorobenzene, styrene, and tetrachloroethene were detected in one June 2008 groundwater sample at MW 40 (WG-062608-JD-007) at concentrations over the drinking water criteria. Chlorobenzene and styrene have only been detected in this one sample, and the reported concentrations of 0.15 mg/L (with qualifier J – estimated value below reporting limit) and 0.14 mg/L (also with qualifier J), respectively, are only slightly higher than the drinking water criteria of 0.1 mg/L. Both results were well below the sample reporting limit of 1.0 mg/L. Tetrachloroethene has been detected in only one groundwater sample at the Site since 2008. This detected concentration (0.43 mg/L with qualifier J in the June 2008 MW 40 sample) exceeded the drinking water criteria of 0.005 mg/L. Again the reported concentration of 0.43 mg/L was well below the sample reporting limit of 1.0 mg/L. Chlorobenzene, styrene, and tetrachloroethene were not detected in the subsequent events. For these reasons, chlorobenzene, styrene, and tetrachloroethene are not included in Figure 8 or Figure 9. The screening procedure is explained in Section 5.1.



TCE, cis-1,2-DCE and vinyl chloride remain the primary constituents associated with the AOC 1 – South Court and Former WWTP Area VOC plumes. ISO concentration maps for TCE, cis-1,2-DCE and vinyl chloride are presented on Figures 10 through 12, respectively.

During the April 2013 sampling event, at the request of IDEM, MW 29, MW 59, and MW 84, were sampled for metals analysis. Review of the data indicates that all three locations sampled were found to be non detect for metals.

Data verification and validation reports for the analytical data collected during the 2013 monitoring activities were completed by CRA and are provided in Appendix A.

### **5.1 Risk-Based Screening**

A conservative risk-based screening was performed on the groundwater and surface water data collected during the Site-wide groundwater monitoring program in 2013. The data were compared to IDEM's Remediation Closure Guide Screening Levels (RCGSL) and conservative risk-based screening criteria based on potential exposure scenarios that were evaluated in CRA's Refined Human Health Risk Assessment and Derivation of Site-Specific Risk-based Screening Levels Report (October 2013) (RHHRA).

The groundwater monitoring data collected from areas where current and reasonably expected future land use is commercial/industrial were screened against the following: 1) IDEM RCGSLs - Residential Tap Water Criteria; 2) IDEM RCGSLs - Vapor Exposure Commercial/Industrial Criteria; 3) Site-specific Recreator (Resident Swimming Pool) Criteria; 4) Site-specific Commercial/Industrial Tap Water Use Criteria. Derivation of the Site-specific screening criteria is presented in RHHRA. Sampling points screened against these criteria are shown on Figure 8.

Groundwater data collected from areas where current and reasonably expected future land use is not commercial/industrial were screened against the following: 1) IDEM RCGSLs - Residential Tap Water Criteria; 2) IDEM RCGSLs - Vapor Exposure Residential Criteria; 3) IDEM RCGSLs - Vapor Exposure Commercial/Industrial Criteria; 4) Site-specific Recreator (Resident Swimming Pool) Criteria; 5) Site-specific Commercial/Industrial Tap Water Use Criteria. Sampling points screened against these criteria are shown on Figure 9.

### **5.2 AOC 1 – South Court Plume**

The AOC 1 – South Court plume area contains elevated concentrations of TCE and cis-1,2-DCE with the greatest TCE exceedances in monitoring wells near the AOC 1 - South Court source area. A summary of significant findings with respect to the 2013 analytical results for the South Court is provided in the following paragraphs.

The concentration of cis-1,2-DCE at MW49 in October 2013 was the highest recorded value to date which indicates a slight expansion of the plume off-Site. Downgradient of MW 49 (east and east-southeast), MW 46 and MW 89-11 respectively were non detect for VOCs. In October 2013 the extent of the AOC 1 – South Court plume remained defined on the north and east sides with non-detect results for all VOC constituents at monitoring wells MW 37, MW 46, MW 75, and MW 76.

MW 12 (Unit 3I), located west of the former Main Plant building, continues to show a long term decline in cis-1,2-DCE concentration, the principal VOC compound in this well, and TCE. This well is located in an upgradient Unit 3 position. VOC contamination was likely mobilized to this upgradient position as a result of historic groundwater production well pumping at PW 11 and PW 12 which acted to reverse the normal eastward gradient. Pumping of these wells ceased in about 1989 when the facility converted to city water. Both production wells were plugged and abandoned in 2007. The decline in cis-1,2-DCE and TCE concentrations since 1993 is likely attributable to the cessation of pumping.

### 5.3 Former WWTP Area Plume

Monitoring wells in former WWTP Area plume area contain primarily elevated concentrations of cis-1,2-DCE and vinyl chloride. A summary of significant findings with respect to the 2013 analytical results for the WWTP Area is provided in the following paragraphs.

In 2013, several monitoring wells within the tail and marginal areas of the former WWTP area plume had the highest recorded levels of vinyl chloride or cis-1,2-DCE to date. The monitoring wells included Unit 3D monitoring wells MW 28, MW 57, MW 66, and MW 80 and bedrock monitoring well MW 81 where concentrations exceed the vinyl chloride drinking water screening criteria.

In 2013, perimeter monitoring wells MW-2, MW 56, MW 61, MW 86, and MW 88 did not contain VOC contaminants above the reporting limit.

### 5.4 Extent Of Groundwater Contamination

Figure 10 to Figure 12 show the concentrations of the principal VOC constituents TCE, cis-1,2-DCE and VC in groundwater for hydrogeologic unit 3. These isoconcentration maps are based on October 2013 data and update those contained in the 2012 Annual Groundwater Monitoring Report (CRA, February 2013). The October 2013 data for each well are posted on the maps with non detect results presented as half of the detection limit.

Since the Unit 3S confining unit is absent in the area of former Plant 9 and portions of the Meadowbrook Golf Course, and Unit 3 is relatively thin in these areas, the VOC data from wells in these areas may be shown on the Unit 3S isoconcentration maps. Combining data in this manner provides a useful portrayal of the former WWTP Area plume from its source in the upper part of Unit 3 near MW 68 to its tail area occurrences at former Plant 9 and Meadowbrook Golf Course.

The isoconcentration maps continue to suggest that there are two separate VOC plumes. One plume is associated with AOC 1 – South Court and the second plume is derived from an apparent source area near MW 68. The plumes are separated by a series of Unit 3S wells where VOCs have not been detected, or have been detected only at very low levels (MW 16, 17, 29, 37, 46, 59 and 84). This was once again confirmed in 2013 with the sampling of monitoring wells, MW29, MW 37, MW 46, MW 59, and MW 84, the results of which were non detected for VOCs. A persistent groundwater ridge in Unit 3S occurs along this line of wells, and this mound appears to serve as a hydraulic barrier separating the two plume areas.

The AOC 1 – South Court plume in Unit 3S extends in a northeast direction from AOC 1 – South Court. The eastward extent of the plume appears to be limited by the groundwater mound noted in the preceding paragraph. The plume is bounded to the northeast by MW 76 which was sampled in October 2013 and continues to show no VOC compounds.

The former WWTP Area plume extends eastward from the apparent source area near MW 68 towards former Plant 9 and has migrated to the east to the vicinity of MW 64 and to the southeast to the vicinity of MW 85. This VOC plume is composed primarily of cis-1,2-DCE and the highest reported concentrations occur at MW 40, MW 42, MW 68, and MW-4.

Prior to July 2006, MW 68, located just west of MLK Boulevard generally had the highest cis-1,2-DCE concentration in this plume and is inferred to be closest to the VOC source area. From December 2006 until April 2009 the highest cis-1,2-DCE concentration was generally found downgradient at MW 40. Since December 2009, the highest cis-1,2-DCE concentration has generally been found at MW-4, as indicated on the current isoconcentration map (AECOM, 2012).

The northeastern extent of the WWTP Area plume is established by monitoring wells MW 86 and MW 88 where no VOC compounds were reported in 2013.

Vinyl chloride and TCE are subordinate components of the former WWTP Area plume. TCE is a relatively minor component even in the source area of this plume. The highest reported concentrations for vinyl chloride occur downgradient at MW 40, MW-4, and MW 85. The east edge of the former WWTP Area plume is marked by persistent occurrences of vinyl chloride in Unit 3D wells MW 58, 64, 66, and 80.

## 5.5 Surface Water

Cis-1,2-DCE, trans-1,2-DCE and vinyl chloride were detected at surface water monitoring locations Pond North and Pond Intake during one or more surface water sampling events conducted in 2013. The detected concentrations of vinyl chloride in surface water are within the range of historically detected concentrations, however the detected concentrations of vinyl chloride exceed relevant screening criteria

(i.e., recreator). Detected concentrations of cis-1,2-DCE and trans-1,2-DCE do not exceed the screening criteria.

## Section 6.0 MNA Evaluation

During the October 2013 sampling event, groundwater samples were collected and analyzed for MNA parameters at seven monitoring wells. These wells included five on-Site monitoring wells (MW 3, MW 8, MW 15, MW 31R, and MW 40) and two off-Site monitoring wells (MW-4 and MW 57). The MNA parameters include: alkalinity, chloride, nitrate, sulfate, sulfide, TOC, dissolved oxygen, ferrous iron, ORP, pH, ethane, ethene, and methane. MNA parameters collected from 2006 to 2013 are provided on Figure 13.

The results were evaluated to determine if biodegradation of VOCs is occurring and if conditions at the Site are conducive for continued biodegradation to occur at the Site.

A scoring system from the United States Environmental Protection Agency's (U.S. EPA's) "Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water" (Technical Protocol) (U.S. EPA, 1998) was used to evaluate the conditions at three monitoring wells located near the center of the source zones (MW 3, MW 40 and MW 31R). The results of the score sheet are provided in Table 9 and indicate that there is "limited" evidence for anaerobic biodegradation at MW 3 (South Court Area Plume, Unit 3), "adequate" evidence for anaerobic biodegradation of chlorinated organics at MW 40 (WWTP Area Plume, Unit 3), and "strong" evidence for anaerobic biodegradation at MW 31R (South Court Area Plume, Unit 1).

A key indicator of biodegradation is the presence of TCE daughter products at monitoring wells within the groundwater plume. Cis-1,2-DCE and vinyl chloride are the anaerobic biodegradation products of TCE. Vinyl chloride and chloride are the anaerobic biodegradation products of cis-1,2-DCE. Under anaerobic conditions vinyl chloride can undergo further biodegradation to form ethylene, which can then biodegrade further to acetylene. Chloride, ethane, and ethene are the ultimate degradation products of all of the chlorinated ethenes. An assessment of the degradation products observed at the Site is presented below.

Both cis-1,2-DCE and vinyl chloride were detected at various on-Site locations, and their concentrations were usually greater than other VOCs. The elevated presence of cis-1,2-DCE and vinyl chloride within the groundwater plume provides direct evidence that TCE is being degraded via reductive dechlorination. When DCE is produced through biodegradation of TCE, production of the cis-1,2-DCE isomer is favored over that of trans-1,2-DCE and 1,1-DCE (Wiedemeier et al., 1999) as seen at monitoring wells MW 79, MW 68, MW 41, MW 40, MW 39, MW 31R, MW 14, MW 12, MW 8 and MW 3.

Ethene and ethane, to a lesser extent, were also detected at the sampled on-Site locations. The highest ethene concentrations (0.61 mg/L) was detected at monitoring well MW 31R. This provides evidence that the reductive dechlorination of TCE is occurring to completion in the Unit 1 (perched) groundwater, likely as a result of the introduction of Hydrogen Releasing Compounds around MW 31R in 2005. These compounds release lactic acid over time, which enhances biological degradation by maintaining reducing conditions in the aquifer.

The presence of ethene at every sampled location demonstrates that reductive dechlorination is active in the many portions of the plume, although perhaps at slower rates.

In summary, results of the preliminary U.S. EPA score sheet screening and the presence of daughter products in the groundwater indicated that natural attenuation of VOCs is occurring at the Site and, in most places, conditions are conducive for biodegradation to continue. Given the "limited" evidence of anaerobic degradation at MW 3, VOCs in the South Court Area plume source will be slow to degrade without enhancing reducing conditions.

## Section 7.0 Statistical Analysis

Section 4 of the Site-Wide Groundwater Monitoring Plan (Monitoring Plan, AECOM, 2010) presents the strategy for statistical evaluations of Site groundwater data and includes the following:

- The statistical evaluation is to be conducted to determine whether the contaminant plumes are stable (i.e., not increasing over time)
- The principal VOC compounds to be considered in the evaluation are TCE, cis-1,2-DCE and vinyl chloride
- The evaluation of stability is to be carried out using the Mann-Kendall trend test following IDEM RISC guidance (IDEM, February 15, 2001) and a minimum of four samples is required, a minimum detection frequency of 75 percent, non-detect results should be assigned a value below the lowest detected value in the data set, and any field duplicate results should be averaged prior to carrying out statistical testing
- Trend testing is to be carried out using a significance level of ( $\alpha$ ) 0.10 (i.e., 90 percent confidence)
- A one-tailed trend test is to be performed (i.e., testing for increases only), using the following statistical hypotheses:
  - Null (no effect) hypothesis ( $H_0$ ) = there is no trend or a decreasing trend in chemical concentrations over time
  - Alternative hypothesis ( $H_A$ ) = there is an increasing trend over time in chemical concentrations

The following subsections describe the specific approaches used in carrying out the statistical data evaluation. The data considered in the trend tests are presented in concentration vs. time graphs in Appendix C, and in tabular format in Table C-1.

## 7.1 Mann-Kendall Test

Methods for statistical trend testing of groundwater quality data are discussed in Section 4.3 of USEPA (2006), Chapter 12 of Helsel & Hirsch (USGS, 2002) and other relevant guidance and reference texts. The evaluation of trends in environmental data is often complicated by factors such as seasonality in data, outlying (grossly atypical) data points, the presence of censored (non-detect) data, small data sets (due to the relatively high costs associated with sample collection and analysis, particularly for trace concentration analyses) and non-linearity in any patterns present through time. Different tests exist, which balance the statistical power of detecting trends against susceptibility to outliers, deviations from model assumptions (e.g., linearity) and the ability to incorporate non-detect data into the analyses.

The Mann-Kendall trend test is suitable for general application across a variety of environmental data applications. This test is non-parametric (rank-based), and therefore robust with respect to outlying observations. The Mann-Kendall test neither assumes a particular data distribution (e.g., normal) nor data pattern tested (e.g., linear trend), but rather tests for a monotonic (single-direction) trend in the data over time. Although the test is not as powerful as parametric tests are under optimal conditions, its wide range of applicability makes it a good candidate for use when testing numerous data sets where the effort required for detailed characterization and selection of specific trend tests on a case-by-case basis is not appropriate.

As specified in the Groundwater Monitoring Plan, the Mann-Kendall trend test was used to evaluate the principal VOC monitoring data for the presence of temporal trends. Computational details for the test may be found in Section 4.3.4.1 of U.S. EPA (2006). The test was applied for data sets containing up to 25 percent non-detects using a one-tailed formulation and a significance level of 0.1, as described above.

Trend tests were carried out separately for each principal VOC at each monitoring well with sufficient temporal data to perform the Mann-Kendall test.

It was noted in two cases, TCE at MW 31R and vinyl chloride at MW 3, non-detect results were present at somewhat-elevated detection limits above the majority of the detected values. In such cases, the comparison of non-detect and detected values is ambiguous (i.e., it cannot be assigned with certainty that the non-detect results are above or below the detected values). In these cases, trend testing was performed excluding the non-detect results, as noted in the table of results in Table 8. Current statistical guidance (e.g., U.S. EPA, 2013) would recommend that any detected values lower than the maximum detection limit for a non-detect be "censored" to that detection limit (i.e., all lower values be considered as non-detects). However, doing so would have reduced the detection frequency to much less than the 75 percent as required by the Groundwater Monitoring Plan, and therefore carrying out

the trend tests using detected values only permits an appropriate assessment with minimal information loss (i.e., removing a few ambiguous non-detects vs. censoring the majority of the data).

## 7.2 Outlier Testing

Prior to carrying out trend tests, each data set was screened for the presence of statistical outliers. An outlier is an observation that differs substantially (atypically) from the rest of the population.

Outliers may be identified by graphical or statistical methods. U.S. EPA (2006, 2009) recommends The Extreme Value Test (Dixon's Test) for testing for outliers in data sets containing up to 25 points (the upper limit of this procedure), which was the case for all monitoring data sets evaluated. Dixon's test considers both extreme low values and extreme high values. An important element of assessing outliers is identifying the underlying data distribution of a particular data set prior to performing the test. The data may follow a normal (Gaussian) distribution, in which case the original (untransformed) data are subjected to the outlier test. However, if a data set follows another statistical distribution, (i.e., gamma or lognormal) the data must be transformed prior to using Dixon's test. In testing data distributions for the principal VOC data sets considered, the Shapiro-Wilk W-Test (USEPA, 2006, 2009) was applied using original, cube-root-transformed [approximating the gamma distribution (United States Geological Survey, 2002)], and log-transformed data sets.

Consistent with the requirements of the Groundwater Monitoring Plan for trend testing, outlier tests were performed only for datasets of four or more points and having 75 percent or more detected values. Outlier testing was performed using a significance level ( $\alpha$ ) of 0.05 (i.e., 95 percent confidence).

The results of the data distribution and outlier tests are presented in Table B-2. Statistical outliers were identified for cis-1,2-DCE at MW 4, MW 8, MW 14, MW 31R and MW 51; TCE at MW 8 and MW 51; and for vinyl chloride at MW 8, MW 28, MW 40 and MW 66, as indicated in the Table B-2.

Where statistically-significant outliers were identified, trend testing was carried out twice; first considering all data and second using outlier-excluded data sets. In all cases, the results of the trend tests (i.e., increasing or no trend identified) were consistent both with and without the outliers. Therefore, the presence of statistical outliers in the principal VOC data sets has not impaired the ability of the present statistical evaluation to identify significant temporal trends, where present in the monitoring data.

## 7.3 Results

The results from the Mann-Kendall trend test are shown in Table 10. The data used in the trend tests are shown in Table B-1 and a summary of descriptive statistics are shown in Table B-2 of Appendix B, along with the data distribution and outlier testing results.

Of 108 data sets originally considered (3 primary VOCs at each of 36 monitoring wells), evaluated, 70 did not require trend analysis due to high frequencies of non-detects (i.e., less than 75-percent detects) or small data sets (i.e., having fewer than the required four data points). The remaining 38 data sets were subjected to the Mann-Kendall trend test. Of these, 28 had no statistically significant trend (i.e., groundwater VOC concentrations are stable or decreasing over time), and 10 datasets had significant increasing trends (at a 90-percent confidence level).

The results of the 2013 trend testing was consistent with the testing conducted in 2012.

Well designations and concentration values in green on the isoconcentration maps (Figure 10 to Figure 12) indicate a statistically significant increasing trend.

Consistent with 2012 data, there are two increasing trends in the AOC 1 – South Court plume wells. Increasing trends are noted for cis-1,2-DCE at MW 49 and MW 79.

Increasing trends continue in several monitoring wells in the former WWTP Area plume. Most of the increasing trends relate to vinyl chloride within and along the tail margin of the plume (MW 41, MW 58, MW 64, MW 66, MW 81, and MW 85). An increasing trend for cis-1,2-DCE is also noted at MW-4 and for TCE at MW 68.

## Section 8.0 Conclusions

Based on the 2013 Annual Groundwater Monitoring activities, including all field and laboratory analytical data generated therefrom, the following conclusions have been developed.

1. Unit 3S potentiometric mapping is consistent with previous mapping. The elevation contour map indicates that there is a general northeasterly gradient in Unit 3S beneath the central and north portions of the former Main Plant building. Beneath the southern portion of the Main Plant building, groundwater flow has a stronger easterly component. Data from the October event again indicates the presence of a prominent groundwater mound, or ridge, in Unit 3S that extends in a north-south arc from the MW 46 area on the south to MW 29 on the north.
2. Groundwater monitoring of the wells along the groundwater mound between the South Court Area and WWTP Area plumes confirms that the VOC plumes remain separate from one another.
3. The Unit 3D potentiometric mapping is consistent with previous mapping. The elevation contour map indicates that there is a general easterly gradient across the west portion of the Site and a general northwesterly gradient across the east portion of the Site into the Meltwater Valley.
4. The bedrock aquifer potentiometric mapping is consistent with previous mapping. The elevation contour map indicates that there is a general easterly gradient across the Site.



5. During the April 2013 sampling event MW 29, MW 59, and MW 84 were sampled for metals analysis. Review of the data indicates that all three locations sampled were found to be non detect for metals.
6. The results of the 2013 VOC trend testing was consistent with the testing conducted in 2012 in that ten datasets had significant increasing trends. The locations of the increasing trends was consistent with the locations identified in 2012.
7. Consistent with 2012 data, there are two increasing trends in the AOC 1 – South Court plume wells. Increasing trends are noted for cis-1,2-DCE at MW 49 and MW 79. The concentration of cis-1,2-DCE at MW49 in October 2013 was the highest recorded value which indicates a slight expansion of the plume off-Site. Downgradient of MW 49, MW 89-11 was not detected for VOCs. In October 2013 the extent of the AOC 1 – South Court plume remained defined on the north and east sides with non-detect results for VOC constituents at monitoring wells MW 37, MW 46, MW 75, and MW 76.
8. Increasing trends continue in several monitoring wells in the former WWTP Area plume. Most of the increasing trends relate to vinyl chloride within and along the tail margin of the plume (MW 41, MW 58, MW 64, MW 66, MW 81, and MW 85). An increasing trend for cis-1,2-DCE is also noted MW-4 and for TCE at MW 68. In 2013, perimeter monitoring wells MW-2, MW 56, MW 61, MW 86, and MW 88 did not contain VOC contaminants above the reporting limit.
9. Results of the preliminary U.S. EPA score sheet screening and the presence of daughter products in the groundwater indicated that natural attenuation of VOCs is occurring at the Site and, in most places, conditions are conducive for biodegradation to continue. Given the "limited" evidence of anaerobic degradation at MW 3, VOCs in the South Court Area plume source will be slow to degrade without enhancing reducing conditions.
10. Three surface water sampling events were conducted in 2013 (April, July, and October) at the surface monitoring locations Pond Intake and Pond North at the Meadowbrook Golf Course central irrigation pond. Cis-1,2-DCE, trans-1,2-DCE and vinyl chloride were detected at surface water monitoring locations Pond North and Pond Intake during one or more surface water sampling event conducted in 2013. The detected concentrations of vinyl chloride in surface water are within the range of historically detected concentrations but above the relevant Site-specific cleanup criteria (recreator). Detected concentrations of cis-1,2-DCE and trans-1,2-DCE do not exceed the screening criteria.
11. Based on monitoring at adjacent monitoring well MW 85, the golf course irrigation pond appears to be within the former WWTP Area plume and the plume is expanding in the direction of the pond.
12. Based on the 2013 groundwater results from residential well MW 89-11, there is no current unacceptable risk to nearby residents due to groundwater volatilization to indoor air.

## Section 9.0 Recommendations

The following recommendations are provided with respect to ongoing monitoring:

1. It is recommended that sampling for MNA parameters be conducted in 2014 at the following wells: MW-2, MW 3, MW-4, MW-7, MW 8, MW 15 MW 31R, MW 40, MW 49, MW 57, MW 58, MW 64, MW 66, MW 68, MW 79, and MW 85. The proposed MNA well network is comprised of wells where historical MNA data exists, new wells along the groundwater flow paths, and/or wells with recent or long term increasing VOC trends.

## Section 10.0 References

AECOM, January 31, 2012, 2011 Annual Groundwater Monitoring Report, Motors Liquidation Company, Dr. Martin Luther King Jr. Boulevard Site, Anderson, Indiana.

AECOM, January 31, 2011, 2010 Annual Groundwater Monitoring Report, Motors Liquidation Company, Dr. Martin Luther King Jr. Boulevard Site, Anderson, Indiana.

AECOM, April 26, 2010, 2009 Annual Groundwater Monitoring Report, Motors Liquidation Company, Dr. Martin Luther King Jr. Boulevard Site, Anderson, Indiana.

AECOM, October 28, 2010, Site Wide Groundwater Monitoring Plan, Motors Liquidation Company, Dr. Martin Luther King Jr. Boulevard Site, Anderson, Indiana.

Brown, Stephen E, Marni Lynne Dickson, and N.K. Bleuer, 2003, Glacial Geology of the Lafayette (east half) and Muncie (west half) 20 x 60 minute Quadrangles, Indiana: Indiana Geological Survey Open-File Study 03 16.

Conestoga-Rovers & Associates, September 20, 2005, Interim Site-Wide Groundwater Monitoring Plan, General Motors Corporation, Anderson, Indiana.

Earth Tech, July 2, 1997, Resource Conservation and Recovery Act Facility Investigation Work Plan, General Motors Corporation, Anderson, Indiana, Revision 2, amended October 14, 1997.

Earth Tech, March 30, 2005, RCRA Facility Investigation (RFI) Stage II Data Report, General Motors Corporation Dr. Martin Luther King Jr. (MLK) Boulevard Facility, Anderson, Indiana.

Earth Tech, July 27, 2006, Interim Measures Work Plan, Production Well Abandonment, General Motors Corporation Dr. Martin Luther King Jr. (MLK) Boulevard Facility, Anderson, Indiana.

Earth Tech, November 16, 2007, Production Well Abandonment at MLK Boulevard Property, memo.

Earth Tech, January 31, 2008, Annual Groundwater Monitoring Report, General Motors Corporation, Martin Luther King Boulevard Site, Anderson, Indiana.

Earth Tech, March 31, 2008, Site-Wide Groundwater Monitoring Plan, General Motors Corporation, martin Luther King Boulevard Site, Anderson, Indiana.

Earth Tech and ENVIRON, January 31, 2007, 2006 Annual Ground Water Report, General Motors Corporation, Martin Luther King Boulevard Site Anderson, Indiana.

Earth Tech and ENVIRON, September 28, 2007, Final RFI Report, General Motors Corporation, Anderson, Indiana, Revised.

FEMA, February 16, 1994, Flood Insurance Rate Map, Community-Panel Number 180160 0004 C.

Indiana Department of Environmental Management (IDEM), February 15, 2001, Risk Integrated System of Closure, Technical Guide.

IDEM, Remediation Closure Guidance, March 22, 2012.

Gibbons, R.D., 1994. Statistical Methods for Groundwater Monitoring. New York: John Wiley & Sons, Inc.

United States Geological Survey (USGS), 2002. Statistical Methods in Water Resources. By D.R. Helsel and R.M. Hirsch. Chapter A3 of Book 4, Hydrologic Analysis and Interpretation *in* Techniques of Water-Resources Investigations of the United States Geological Survey. [Available at <http://pubs.usgs.gov/twri/twri4a3/>].

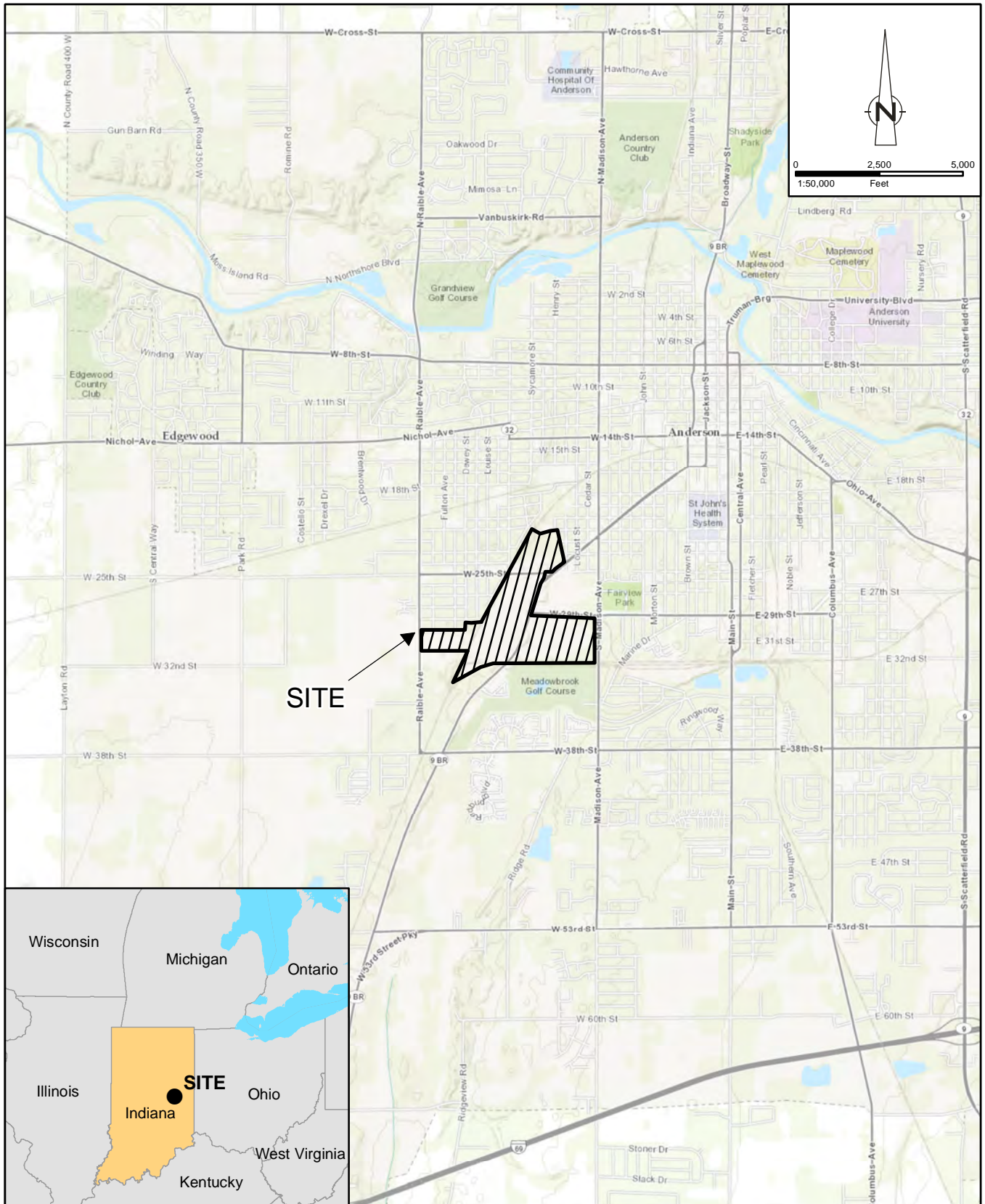
U.S. EPA, February 2006. Data Quality Assessment: Statistical Methods for Practitioners (EPA QA/G-9S). Office of Environmental Information, United States Environmental Protection Agency, Washington D.C. EPA/240/B-06/003.

U.S. EPA, March 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities – Unified Guidance. Office of Resource Conservation and Recovery, Program Implementation and Information Division, United States Environmental Protection Agency Washington DC. EPA 530-R-09-007.

U.S. EPA, September 2013. ProUCL Version 5.0.00 Technical Guide. United States Environmental Protection Agency, Office of Research and Development, Washington DC. EPA/600/R-07/041.

U.S. EPA. 1998. Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water, Office of research and Development, Washington, DC. EPA/600/R-98/128.

Weidemeier, T. H., Rifai H. S., Newell C. J., and Wilson J. T., 1999. Natural Attenuation of Fuels and Chlorinated Solvent in the Subsurface, John Wiley & Sons, Inc., New York, NY.



Source: ESRI Topographic Map, accessed 2013 ; Coordinate System: NAD 1983 StatePlane Indiana East FIPS 1301 Feet

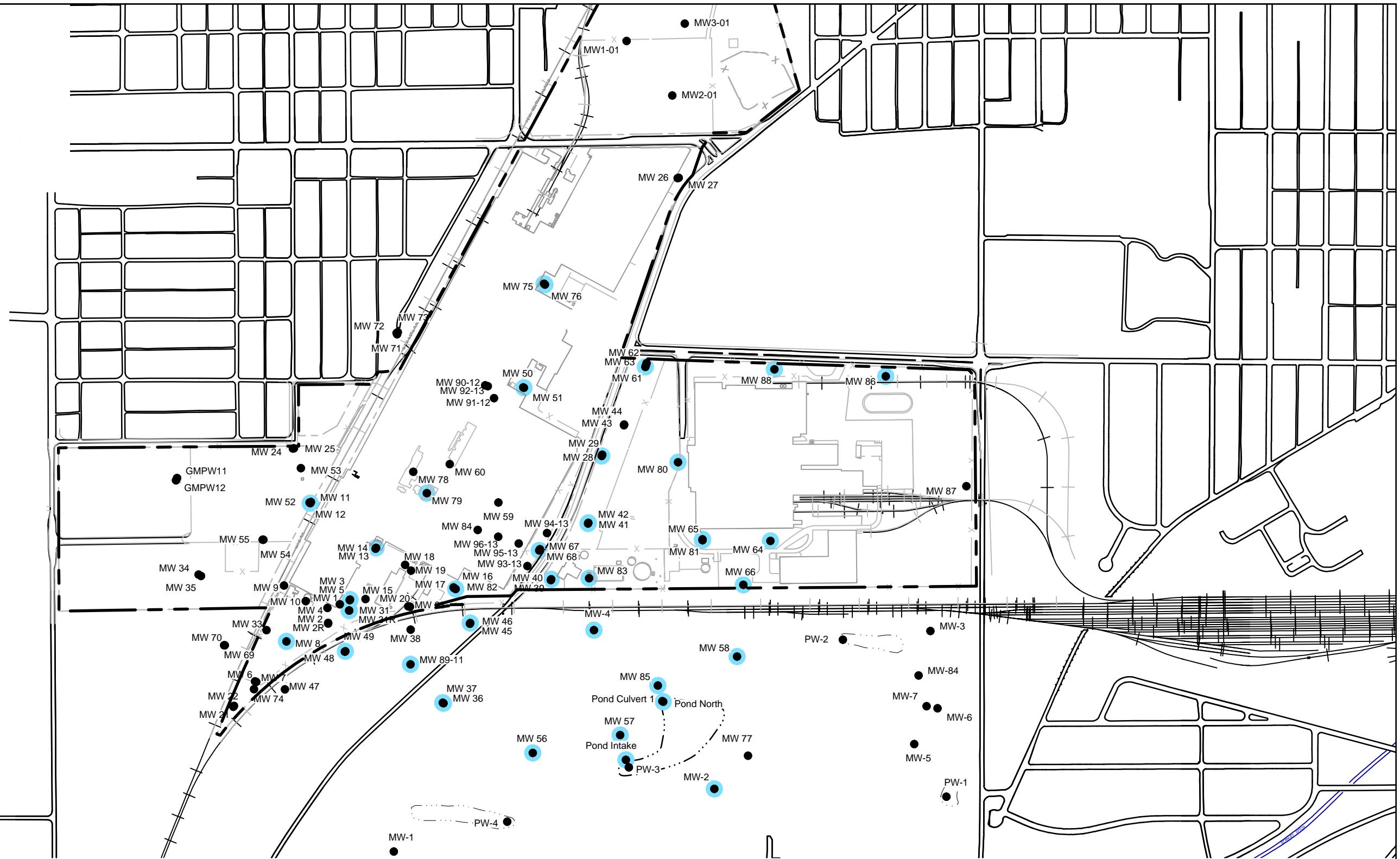
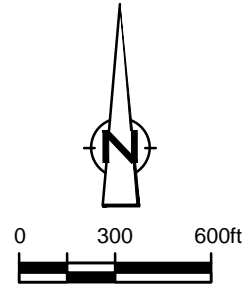
figure 1

**Legend**

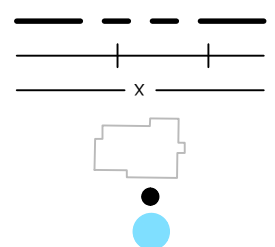
 Site Boundary



**SITE LOCATION MAP**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD, ANDERSON, IN**  
*Revitalizing Auto Communities Environmental Response Trust*

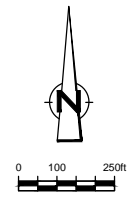
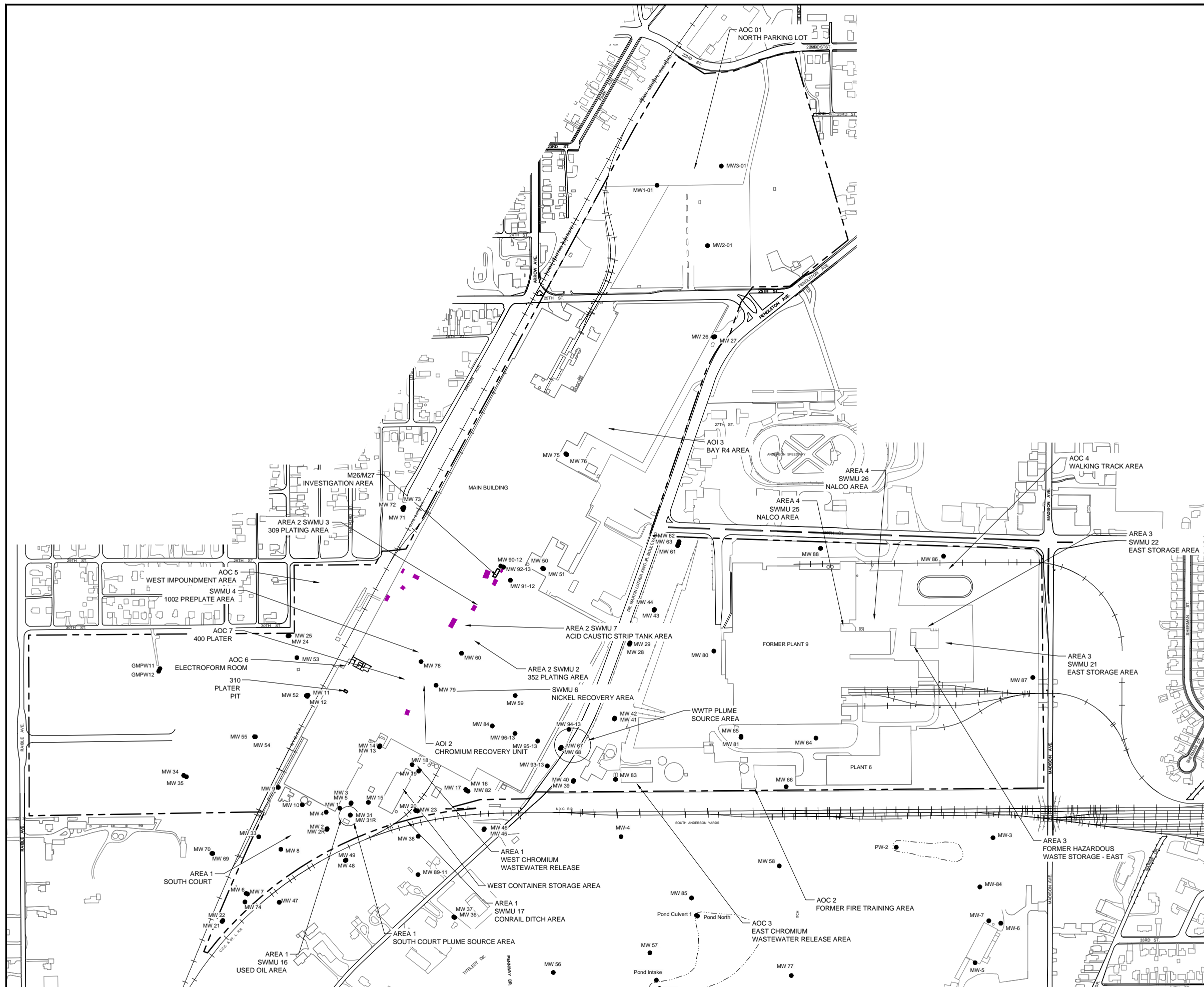


**LEGEND**



- SITE BOUNDARY
- +— RAILROAD
- x— FENCE LINE
- BUILDING
- MONITORING WELL LOCATION
- SAMPLING LOCATIONS INCLUDED IN GMP

figure 2  
 SITE PLAN  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA  
*Revitalizing Auto Communities Environmental Response Trust*



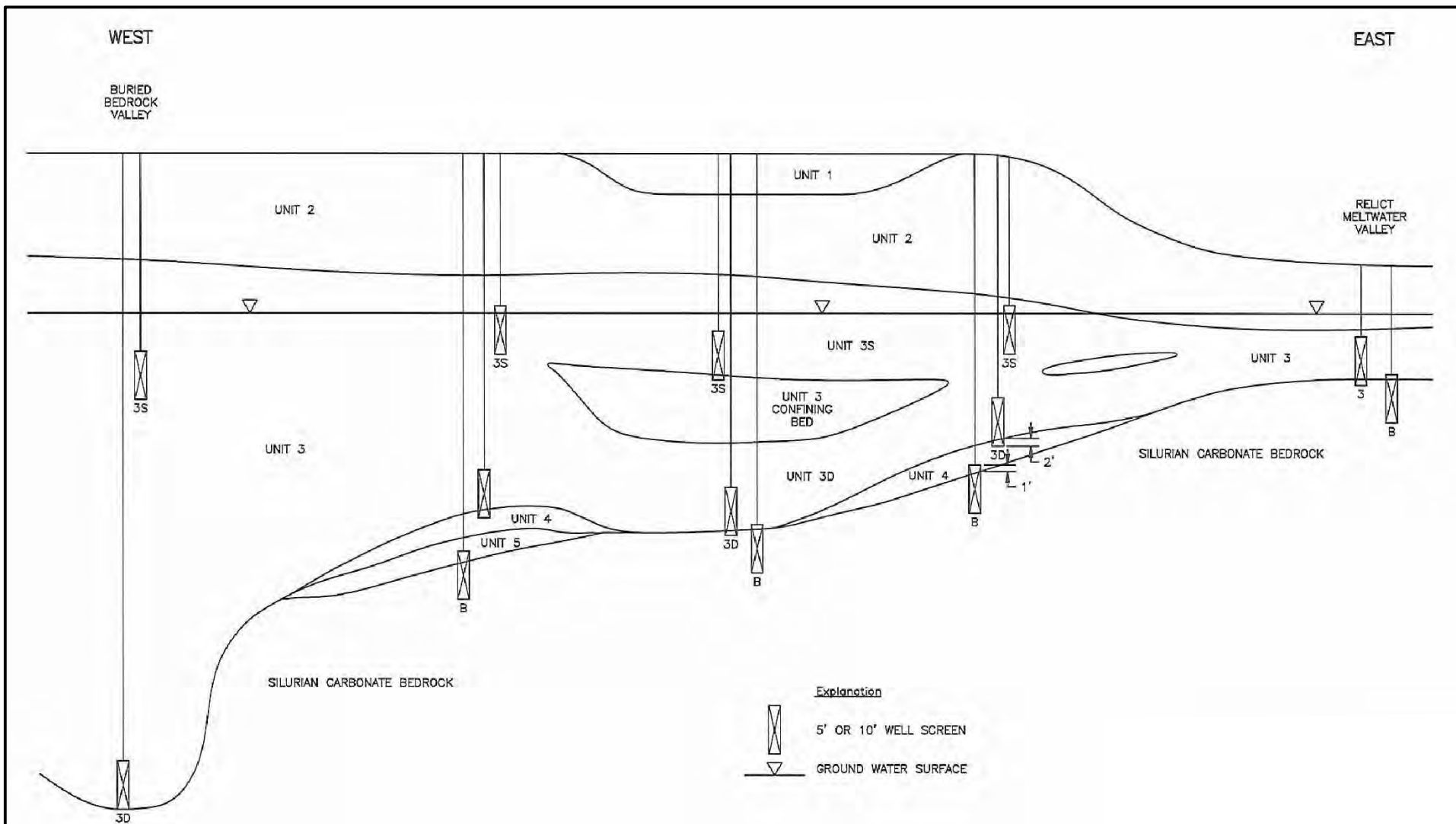
**LEGEND**

--- (dashed line)	SITE BOUNDARY
—+—+—+— (line with cross-ticks)	RAILROAD
—x—x—x— (line with 'x' marks)	FENCE LINE
□ (rectangle)	BUILDING
○ (circle)	MANHOLE
□ (square)	CATCHBASIN
● (black dot)	MONITORING WELL LOCATION
■ (purple square)	AREA OF STAINED SOIL BENEATH CONCRETE

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

2915 DR. MARTIN LUTHER KING JR. BLVD  
 ANDERSON, INDIANA  
 2013 ANNUAL MONITORING REPORT  
 AREAS OF INTEREST

<b>CRA CONESTOGA-ROVERS &amp; ASSOCIATES</b>			
Source Reference: CITY OF ANDERSON, INDIANA NAD83 SPCS 1301 IN East zone in US survey Ft			
Project Manager: S. R.	Reviewed By: R. C.	Date: JANUARY 2014	
Scale: 1" = 250'	Project N°: 017302-T07	Report N°: 033	Drawing N°: figure 3

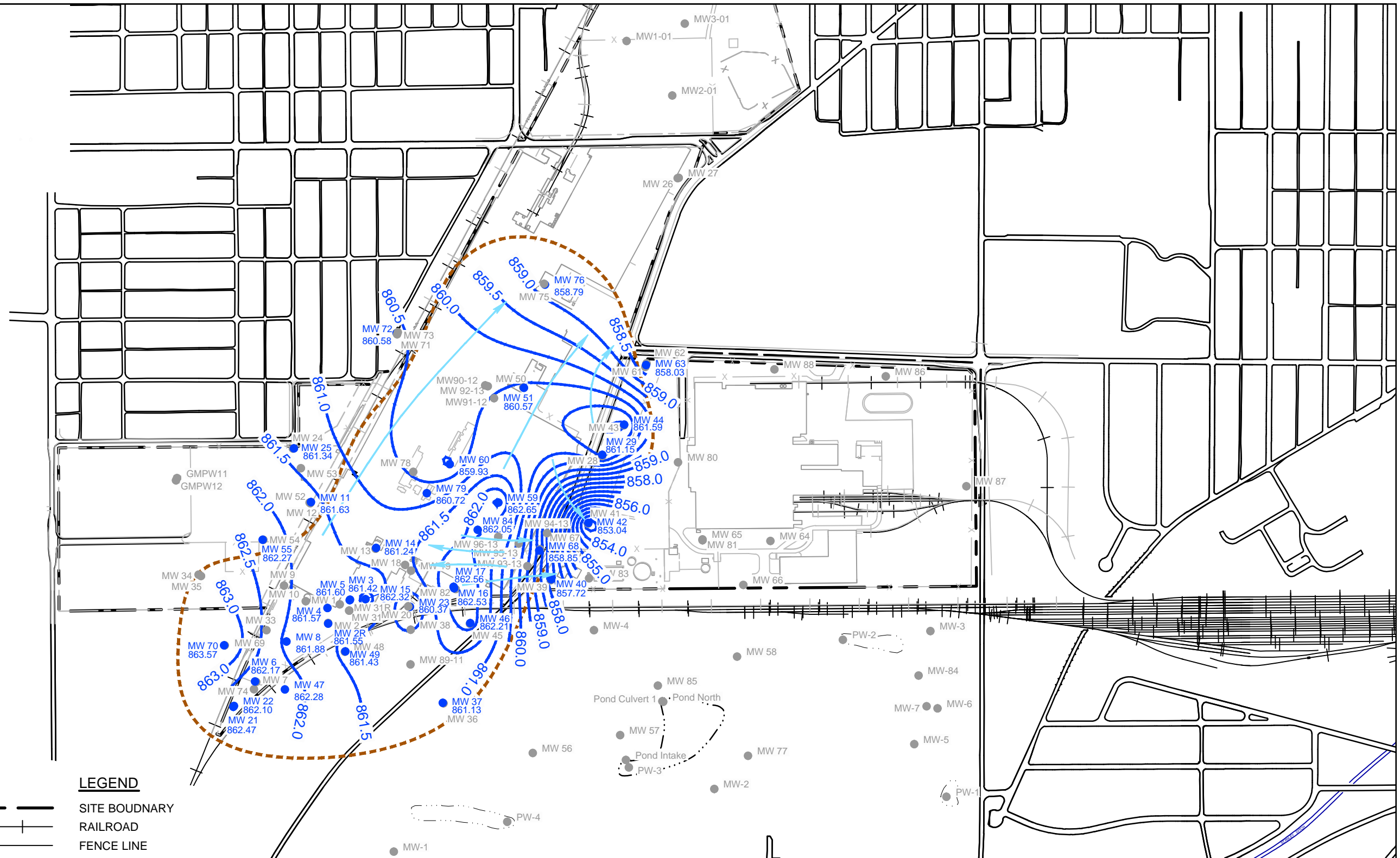
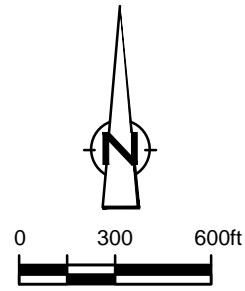


SOURCE: AECOM PROJECT # 60135322, DATE 01-11, FIG 2-3

figure 4

GENERALIZED HYDROGEOLOGIC CROSS SECTION SHOWING WELL COMPLETION ZONES  
 2013 ANNUAL GROUNDWATER MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA  
*Revitalizing Auto Communities Environmental Response Trust*





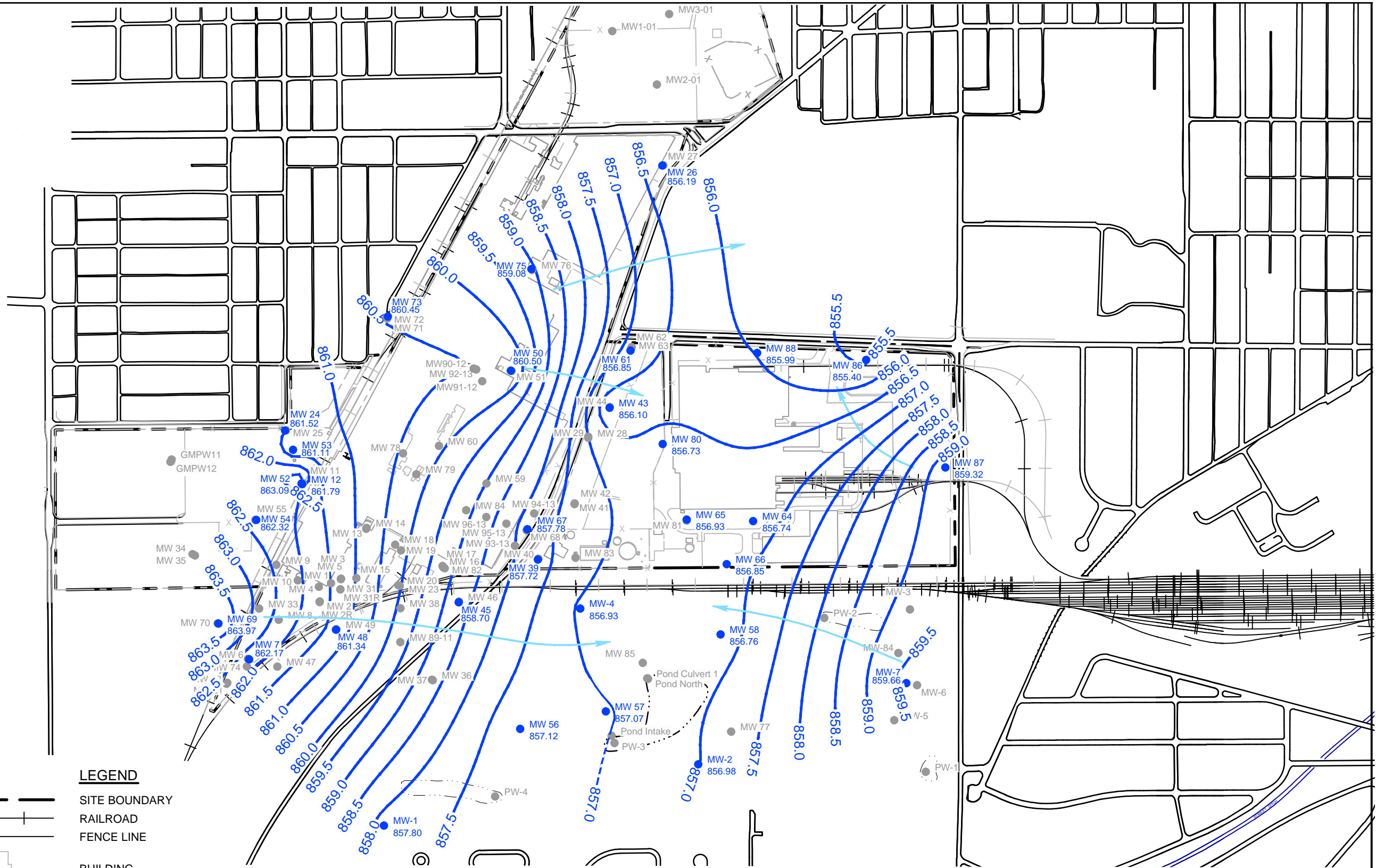
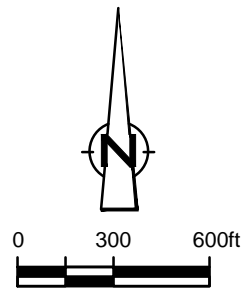
SOURCE: AECOM, PROJECT NO. 60163563, DATE 2012-05-15

figure 5

POTENTIOMETRIC GROUNDWATER ELEVATIONS - UNIT 3S, OCTOBER 21, 2013  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA  
*Revitalizing Auto Communities Environmental Response Trust*







**LEGEND**



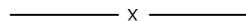





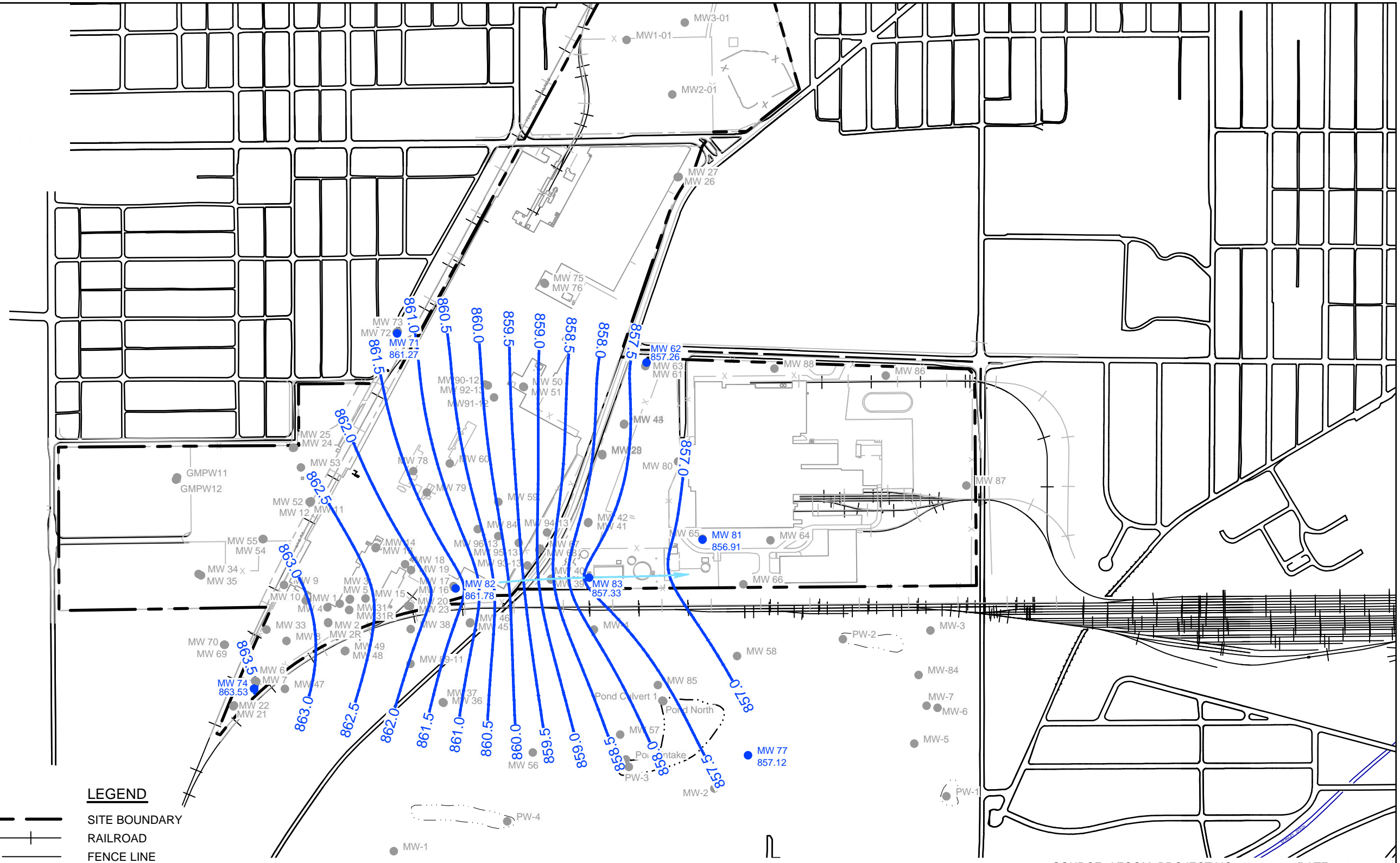
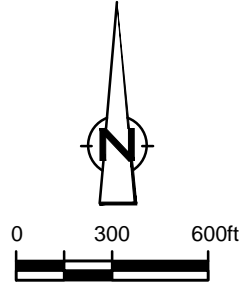
-  SITE BOUNDARY
-  RAILROAD
-  FENCE LINE
-  BUILDING
-  MONITORING WELL LOCATION
-  MONITORING WELL USED TO DEVELOP CONTOURS
-  GROUNDWATER CONTOUR (FEET NAVD 88)
-  INFERRED DIRECTION OF GROUNDWATER FLOW

figure 6  
POTENTIOMETRIC GROUNDWATER ELEVATIONS - UNIT 3D, OCTOBER 21, 2013  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA  
*Revitalizing Auto Communities Environmental Response Trust*



SOURCE: AECOM, PROJECT NO. 60163563, DATE 2012-05-15



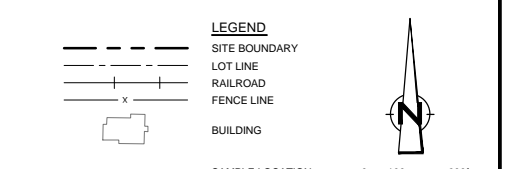
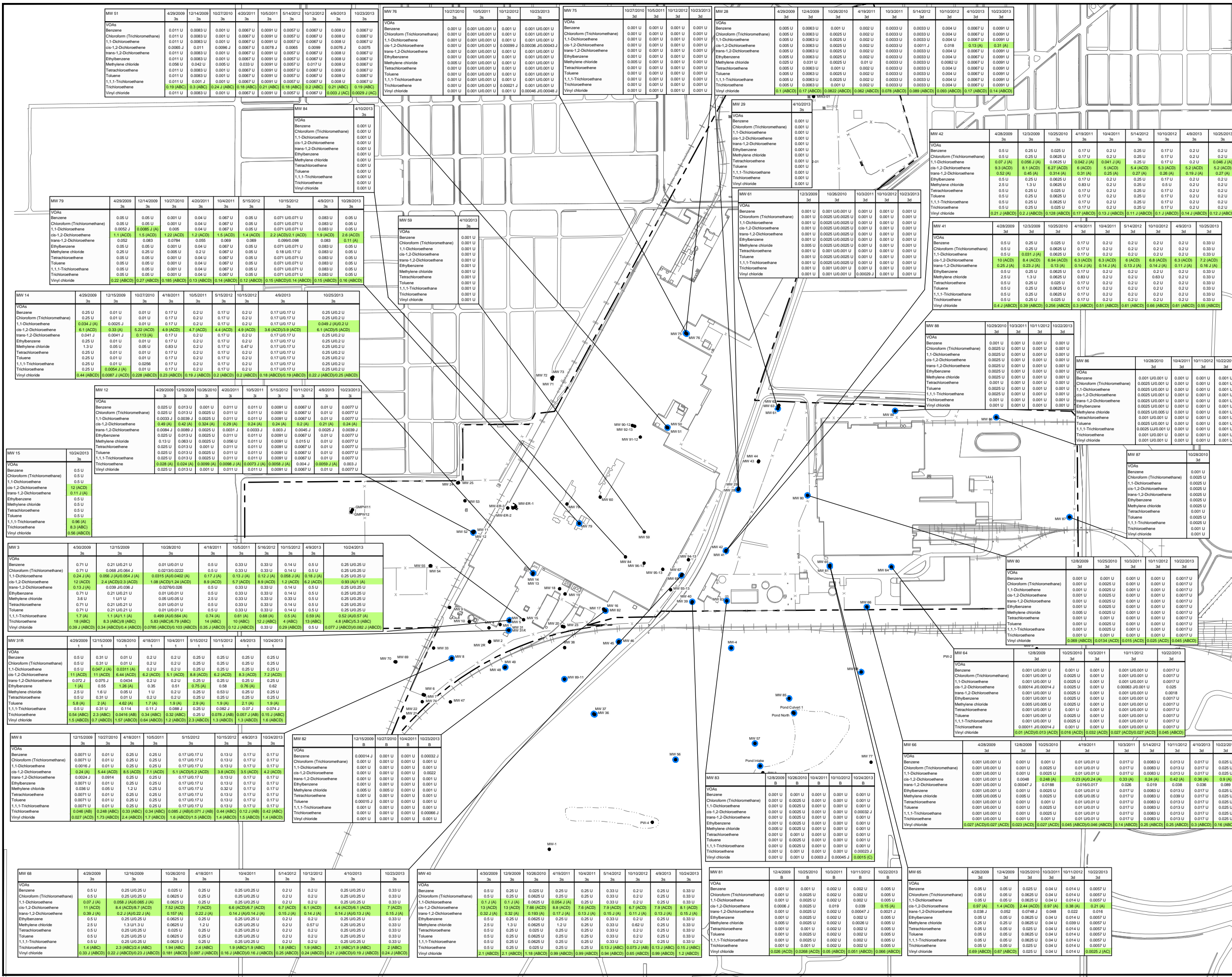
**LEGEND**

- SITE BOUNDARY
- RAILROAD
- FENCE LINE
- BUILDING
- MONITORING WELL LOCATION
- MONITORING WELL USED TO DEVELOP CONTOURS
- GROUNDWATER CONTOUR (FEET NAVD 88)
- INFERRED DIRECTION OF GROUNDWATER FLOW

SOURCE: AECOM, PROJECT NO. 60163563, DATE 2012-05-15

figure 7  
**POTENTIOMETRIC GROUNDWATER ELEVATIONS - UNIT 3 BEDROCK, OCTOBER 21, 2013**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA**  
*Revitalizing Auto Communities Environmental Response Trust*



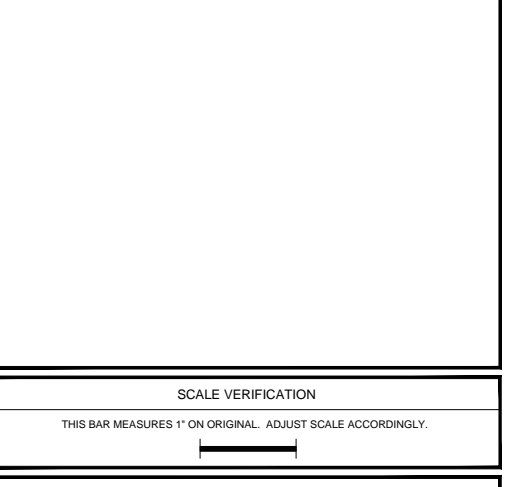


Sample Location	Sample Date	Geologic Unit	Concentration (mg/L)	Parameter
MW 51	12/14/2009	11 - UNIT 1, PERCHED GROUNDWATER IN FILL	0.001 U	1,1,1-Trichloroethane
		35 - UNIT 3, SHALLOW GROUNDWATER IN UPPERMOST AQUIFER	0.001 U	1,1-Dichloroethane
		35 - UNIT 3, INTERMEDIATE GROUNDWATER IN UPPERMOST AQUIFER	0.001 U	cis-1,2-Dichloroethane
		30 - UNIT 3, DEEP GROUNDWATER IN UPPERMOST AQUIFER	0.001 U	trans-1,2-Dichloroethane
		B - BEDROCK, GROUNDWATER IN BEDROCK AQUIFER	0.001 U	Ethylbenzene
			0.001 U	Methylene chloride
			0.001 U	Tetrachloroethane
			0.001 U	Toluene
			0.001 U	1,1,1-Trichloroethane
			0.001 U	Trichloroethane
			0.001 U	Vinyl chloride

Chemical name	A	B	C	D
Benzene	5.00E-03	1.20E-01	-	-
Chloroform (Trichloromethane)	8.00E-02	-	-	-
1,1-Dichloroethane	7.00E-03	1.30E+00	2.41E+01	5.10E+00
cis-1,2-Dichloroethane	7.00E-02	1.00E+00	1.00E+00	2.00E+00
trans-1,2-Dichloroethane	1.00E-01	-	1.00E+01	2.00E+00
Ethylbenzene	7.00E-01	-	-	-
Methylene chloride	6.00E-03	-	-	-
Tetrachloroethane	5.00E-02	-	-	-
Toluene	1.00E+00	-	-	-
1,1,1-Trichloroethane	2.00E-01	5.40E-01	8.18E+02	2.90E+01
Trichloroethane	5.00E-03	3.82E-01	1.27E+01	2.90E+01
Vinyl chloride	2.00E-03	3.50E-02	8.48E-04	3.80E-03

- A IDEM Residential Tap Water
- B IDEM Vapor Exposure Cum/Infl Criteria
- C Site-Specific Closure Level (SSCL/RCR)
- D Site-Specific Closure Level (SSCL/TW)

- NOTES:
- Parameters that do not appear in the databox for a particular sample were not analyzed.
  - Sample results rounded to three decimal places.
  - Screening criteria and sample results are compared to two significant digits. Results equal to or less than screening criteria are not highlighted as exceedances.
  - The concentrations of chlorobenzene (0.15 mg/L), tetrachloroethane (0.43 mg/L), and styrene (0.14 mg/L) in the June 2008 sample from monitoring well MW-40 exceed the drinking water criteria. However, these VOCs were not detected at MW-40 in December 2008, and have been either not detected (chlorobenzene and styrene) or detected sporadically (tetrachloroethane) at other wells in the groundwater monitoring network. Because these VOCs have been detected so sporadically, they have essentially no spatial or temporal distribution, and as such, they have not been added to the databox.
  - RCR - Recreator (Residential Swimming Pool)
  - CTW - Commercial/Industrial Tap Water Use
  - U - Not detected at the associated reporting limit
  - J - Estimated concentration



2915 DR. MARTIN LUTHER KING JR. BLVD., SANDERSON, IN  
 REVITALIZING AUTO COMMUNITIES ENVIRONMENTAL RESPONSE TRUST  
 2013 ANNUAL MONITORING REPORT  
 ON-SITE VOC GROUNDWATER RESULTS  
 (2009 - 2013)

**CONESTOGA-ROVERS & ASSOCIATES**

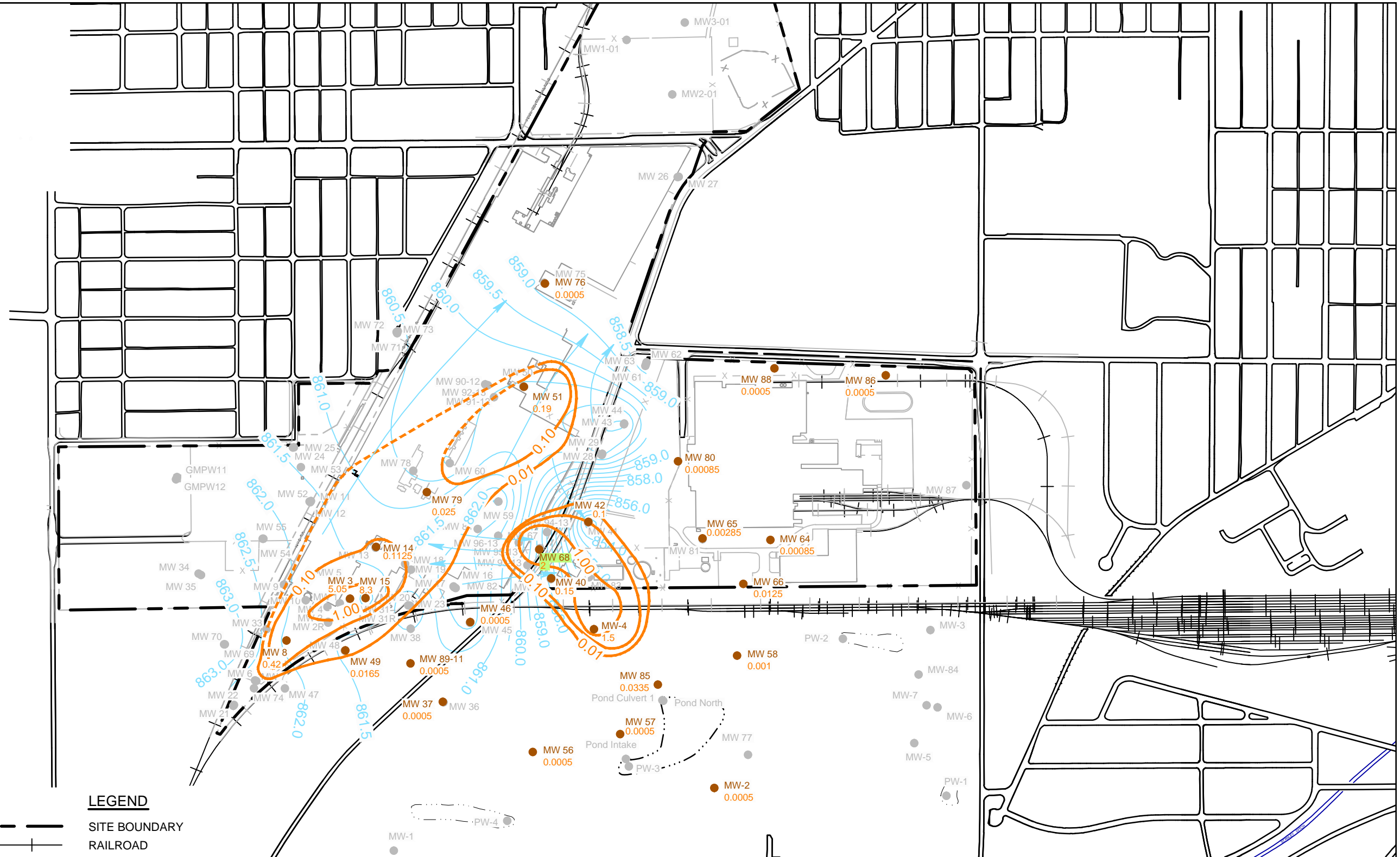
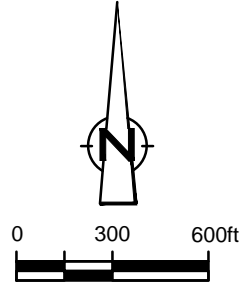
Source Reference:

Project Manager:	Reviewed By:	Date:
S. RICHARDSON	S. RICHARDSON	JANUARY 2014

Scale: 1"=300'    Project #: 017302-T07    Report #: 033    Drawing #: 8

017302-T07(033)GN-SO08 JUN 22/2014



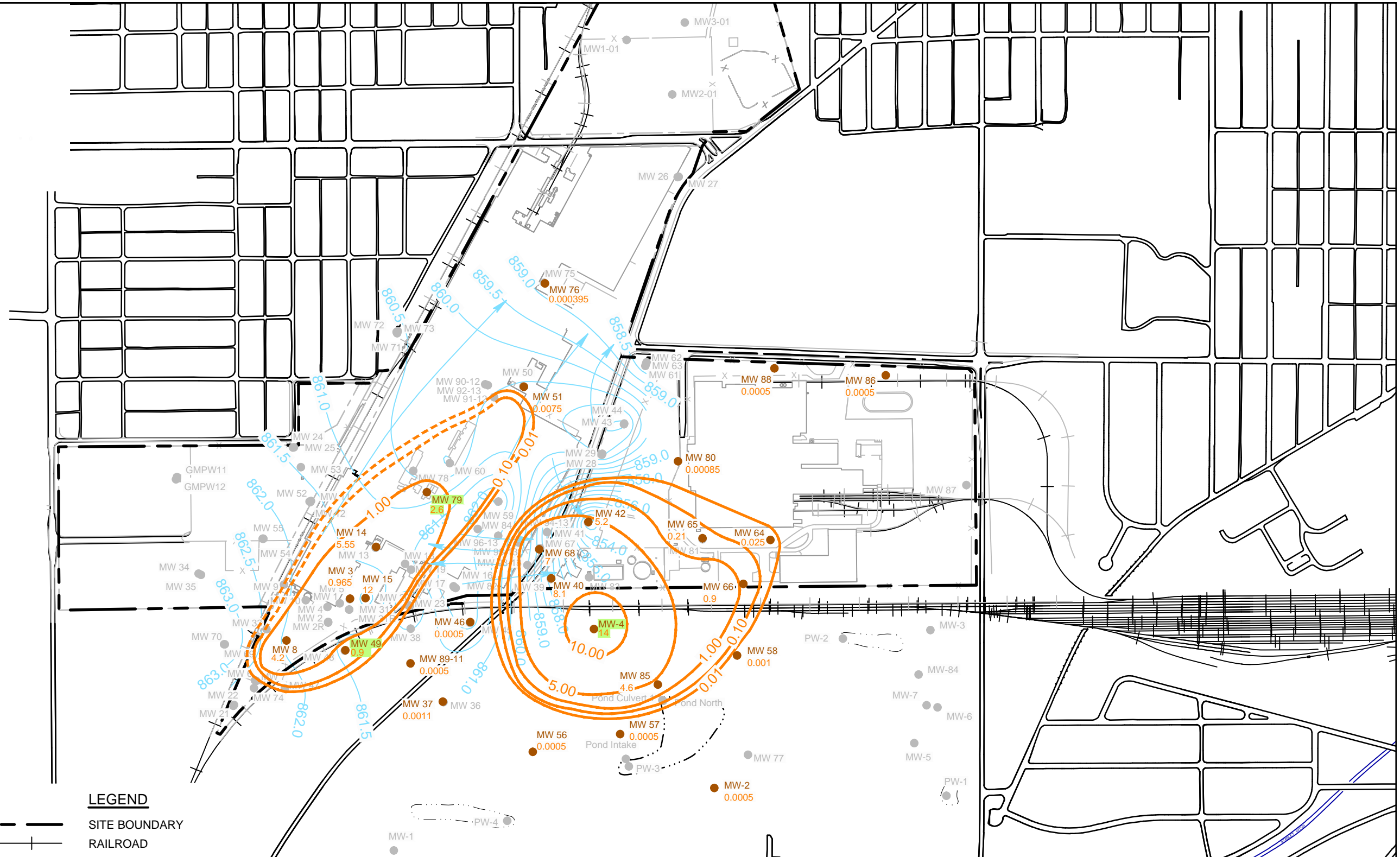
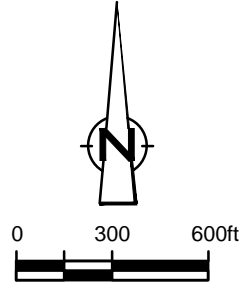


**LEGEND**

- SITE BOUNDARY
- RAILROAD
- FENCE LINE
- BUILDING
- MONITORING WELL LOCATION
- INCREASING CONCENTRATION TREND
- ISOCONCENTRATION CONTOUR (mg/L)
- GROUNDWATER CONTOUR (FEET NAVD 88)
- INFERRED DIRECTION OF GROUNDWATER FLOW

NOTES: NON DETECT RESULTS ARE SHOWN AS HALF THE ASSOCIATED REPORT LIMIT

figure 10  
**CONCENTRATION OF TRICHLOROETHENE IN GROUNDWATER - UNIT 3**  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA  
*Revitalizing Auto Communities Environmental Response Trust*



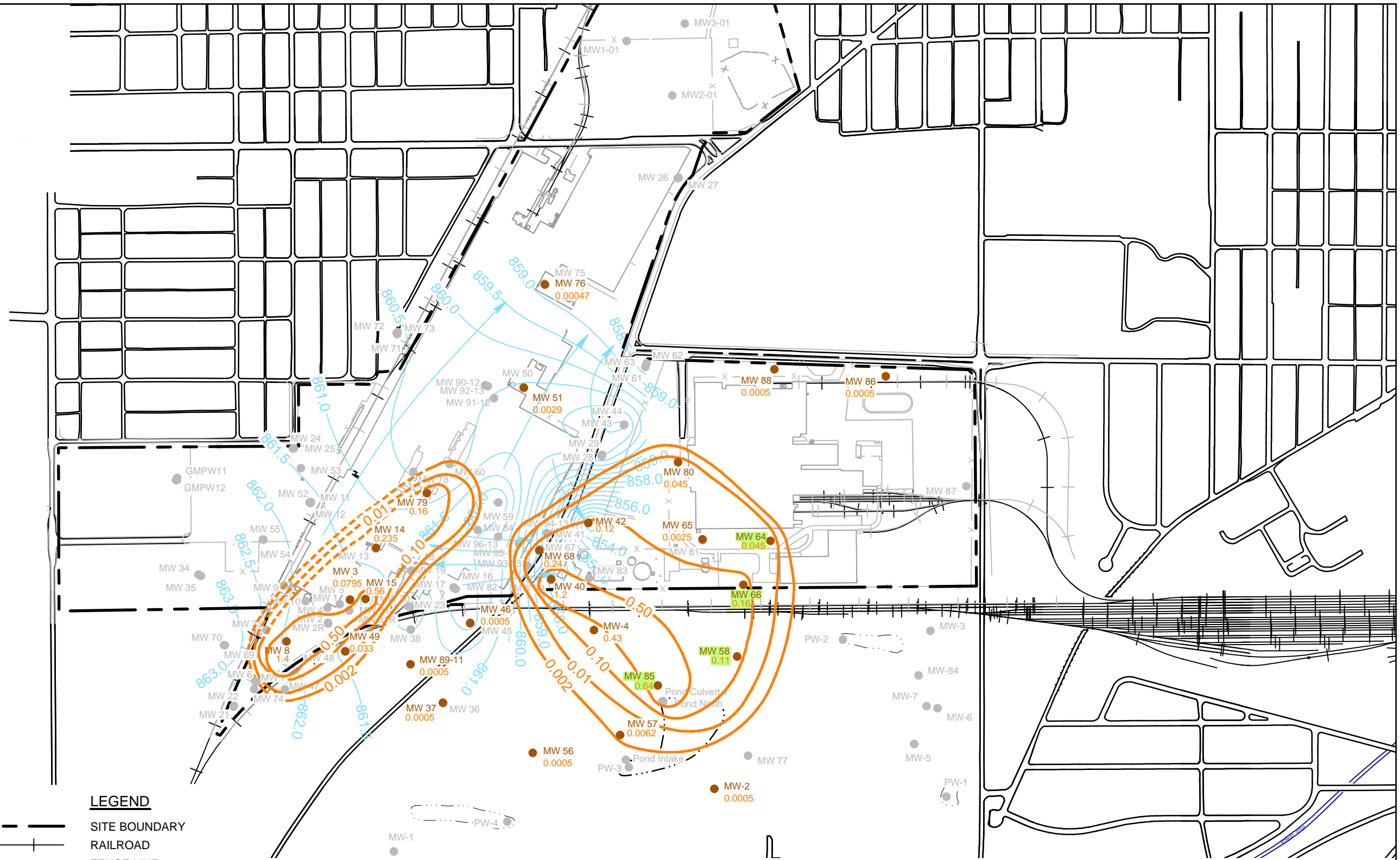
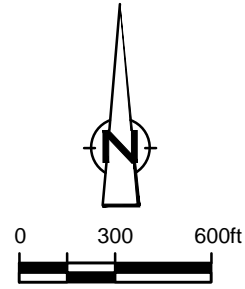
**LEGEND**

- SITE BOUNDARY
- RAILROAD
- FENCE LINE
- BUILDING
- MONITORING WELL LOCATION
- INCREASING CONCENTRATION TREND
- ISOCONCENTRATION CONTOUR (mg/L)
- GROUNDWATER CONTOUR (FEET NAVD 88)
- INFERRED DIRECTION OF GROUNDWATER FLOW

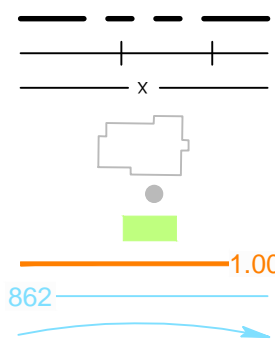


figure 11  
**CONCENTRATION OF CIS-1,2-DICHLOROETHENE IN GROUNDWATER - UNIT 3**  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA  
*Revitalizing Auto Communities Environmental Response Trust*

NOTES: NON DETECT RESULTS ARE SHOWN AS  
 HALF THE ASSOCIATED REPORT LIMIT



**LEGEND**



- SITE BOUNDARY
- RAILROAD
- x- FENCE LINE
- BUILDING
- MONITORING WELL LOCATION
- INCREASING CONCENTRATION TREND
- 1.00 ISOCONCENTRATION CONTOUR (mg/L)
- 862 — GROUNDWATER CONTOUR (FEET NAVD 88)
- INFERRED DIRECTION OF GROUNDWATER FLOW

NOTES: NON DETECT RESULTS ARE SHOWN AS HALF THE ASSOCIATED REPORT LIMIT

figure 12  
**CONCENTRATION OF VINYL CHLORIDE IN GROUNDWATER - UNIT 3**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BLVD., ANDERSON, INDIANA**  
*Revitalizing Auto Communities Environmental Response Trust*





TABLE 1

**SITE-WIDE GROUNDWATER MONITORING PROGRAM  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA**

<b>Monitoring Well Location</b>	<b>Hydro-Geologic Unit</b>	<b>Year Installed</b>	<b>Plume Position <sup>(3)</sup></b>	<b>Monitored 3 x Per Year <sup>(4)</sup></b>	<b>Semiannual Monitoring</b>	<b>Annual Monitoring</b>
MW-2	3d	2003	WWTP, Margin			X <sup>(5)</sup>
MW 3	3s	1992	AOC 1, Source		X <sup>(5)</sup>	
MW-4	3d	2003	WWTP, Tail		X <sup>(5)</sup>	
MW 8	3s	1993	AOC 1, Source		X <sup>(5)</sup>	
MW 12	3d	1993	AOC 1, Tail		X <sup>(5)</sup>	
MW 14	3s	1993	AOC 1, Tail		X <sup>(5)</sup>	
MW 28	3d	2000	WWTP, Tail		X <sup>(5)</sup>	
MW 31R <sup>(1)</sup>	1	2000	AOC 1, Source		X <sup>(5)</sup>	
MW 37 <sup>(1)</sup>	3s	2001	AOC 1, Margin			X <sup>(5)</sup>
MW 40	3s	2003	WWTP, Source		X <sup>(5)</sup>	
MW 41	3d	2003	WWTP, Source		X <sup>(5)</sup>	
MW 42	3s	2003	WWTP, Source		X <sup>(5)</sup>	
MW 46 <sup>(1)</sup>	3s	2003	AOC 1, Margin			X <sup>(5)</sup>
MW 49	3s	2003	AOC 1, Tail		X <sup>(5)</sup>	
MW 51	3s	2003	AOC 1, Tail		X <sup>(5)</sup>	
MW 56	3d	2004	WWTP, Margin			X <sup>(5)</sup>
MW 57	3d	2004	WWTP, Margin			X <sup>(5)</sup>
MW 58	3d	2004	WWTP, Margin			X <sup>(5)</sup>
MW 61	3d	2004	WWTP, Margin			X <sup>(5)</sup>
MW 64	3d	2004	WWTP, Margin			X <sup>(5)</sup>
MW 65	3d	2004	WWTP, Margin			X <sup>(5)</sup>
MW 66	3d	2004	WWTP, Tail		X <sup>(5)</sup>	
MW 68	3s	2004	WWTP, Source		X <sup>(5)</sup>	
MW 75	3d	2004	AOC 1, Margin			X <sup>(5)</sup>
MW 76	3s	2004	AOC 1, Margin			X <sup>(5)</sup>
MW 79	3s	2004	AOC 1, Tail		X <sup>(5)</sup>	
MW 80	3d	2005	WWTP, Margin			X <sup>(5)</sup>
MW 81	B	2005	WWTP, Margin			X <sup>(5)</sup>
MW 82	B	2005	AOC 1, Margin			X <sup>(5)</sup>
MW 83	B	2005	WWTP, Margin			X <sup>(5)</sup>
MW 85	3d	2007	WWTP, Tail		X <sup>(5)</sup>	
MW 86	3d	2010	WWTP, Tail			X <sup>(5)</sup>
MW 88	3d	2010	WWTP, Tail			X <sup>(5)</sup>
MW89-11 <sup>(2)</sup>	3s	2011	AOC 1, Tail		X <sup>(5)</sup>	
POND (Intake)	Surface Water	N/A	Surface Water	X <sup>(5)</sup>		
POND (North)	Surface Water	N/A	Surface Water	X <sup>(5)</sup>		

**Notes:**

- (1) Well added to the monitoring program based on IDEM review comments 5/2/08  
(2) Well added to the monitoring program based on recommendation letter dated 04/18/2012 and approved by IDEM on 5/11/12  
(3) AOC 1 = VOC plume originating at AOC 1 - South Court  
WWTP = VOC plume originating from former WWTP Area  
Source = VOC source area well  
(4) Locations to be sampled Spring, Summer, and Fall  
(5) TCL VOCs: Target Compound List Volatile Organic Compounds

TABLE 2

**MONITORING WELL CONSTRUCTION DETAILS  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA**

<b>Monitoring Well Location</b>	<b>Hydro- Geologic Unit</b>	<b>Northing <sup>(1)</sup></b>	<b>Easting <sup>(1)</sup></b>	<b>Datum El. <sup>(2,3)</sup></b>	<b>2010 Revised</b>	<b>Screen Top <sup>(2)</sup></b>	<b>Screen Bottom <sup>(2)</sup></b>
					<b>Datum El. <sup>(2,3)</sup></b>		
MW 1	3s	1761110.3	317311.1	880.70	880.86	864.50	860.21
MW 2	3s	1761003.2	317244.7	879.70		864.75	860.47
MW2 R	3s	1760999.3	317243.9	879.68	879.25	864.46	860.18
MW 3	3s	1761137.6	317370.2	880.51	880.41	864.53	860.25
MW 4	3s	1761089.4	317240.2	880.78		865.97	861.48
MW 5	3s	1761134.5	317368.7	880.54		852.93	843.53
MW 6	3s	1760666.3	316823.5	878.22		864.80	855.18
MW 7	3d	1760663.6	316830.5	878.18		835.40	830.82
MW 8	3s	1760896.0	317004.4	878.41		863.33	853.74
MW9	3s	1761218.5	316990.4	881.65		866.31	856.70
MW 10	3s	1761128.0	317115.5	880.88		866.30	856.67
MW 11	3s	1761699.0	317145.5	882.68		861.51	851.88
MW 12	3i	1761692.8	317141.2	882.78		833.84	829.26
MW 13	3s	1761430.2	317517.7	881.25		866.13	856.50
MW 14	3s	1761435.2	317520.1	881.36		852.63	848.06
MW 15	3s	1761140.7	317459.5	879.67		864.76	855.13
MW 16	3s	1761203.4	317969.5	878.65	879.83	864.01	854.40
MW 17	3s	1761207.9	317966.4	878.30	879.86	853.30	848.72
MW 18	3s	1761337.0	317687.7	878.88		858.88	854.15
MW 19	3s	1761304.0	317721.7	878.54		858.75	854.04
MW 20	3s	1761098.7	317705.5	877.70		852.50	847.76
MW 21	3s	1760520.1	316698.0	878.74		850.92	846.20
MW 22	3s	1760525.5	316702.1	879.11		861.67	856.92
MW 23	3s	1761096.0	317715.2	877.68		860.71	855.97
MW 24	3d	1762007.5	317041.2	882.77		803.78	794.03
MW 25	3s	1762008.7	317047.0	882.85		853.75	844.00
MW 26	3d	1763564.6	319256.7	883.09		840.65	830.82
MW 27	1	1763566.5	319262.7	883.04		853.15	848.42
MW 28	3d	1761964.9	318819.0	877.44		834.40	824.66
MW 29	3s	1761971.1	318822.0	877.53		862.21	852.49
MW 30	1	1760992.0	317335.2	878.50		868.64	863.95
MW 31	1	1761074.5	317365.6	879.22		872.17	867.91
MW 31R	1	1761074.5	317365.6	879.71		871.58	866.90
MW 32	1	1760855.5	316937.0	878.88		871.99	867.71
MW 33	1	1760961.5	316889.2	880.01		873.05	868.76
MW 34	1	1761281.2	316498.1	883.67		858.38	849.03
MW 35	3d	1761273.9	316512.3	883.96		828.90	819.56
MW 36	3d	1760540.9	317908.8	870.09		850.97	846.24
MW 37	3s	1760543.9	317904.2	869.95		860.74	856.00
MW 38	3d	1760964.00	317719.32	877.65		846.42	836.74
MW 39	3d	1761249.83	318526.24	879.51		836.29	826.56
MW 40	3s	1761254.51	318528.40	879.51		851.37	841.64
MW 41	3d	1761575.05	318740.73	878.58		839.63	834.92
MW 42	3s	1761579.24	318742.21	878.54		854.93	845.20
MW 43	3d	1762141.24	318947.24	876.00		818.86	814.13
MW 44	3s	1762145.28	318948.82	876.02		853.74	844.02
MW 45	3d	1760998.51	318060.78	873.72		833.77	824.04
MW 46	3s	1761002.51	318062.71	873.64		859.63	854.92
MW 47	3s	1760620.47	316995.56	880.27		856.99	852.27
MW 48	3d	1760837.68	317340.18	877.96		838.96	834.25
MW 49	3s	1760839.93	317343.16	877.93		855.69	845.98
MW 50	3d	1762359.73	318367.08	878.27		839.92	835.20
MW 51	3s	1762357.18	318371.66	878.19		855.93	851.20
MW 52	3d	1761696.65	317137.65	882.69		797.11	787.39
MW 53	3d	1761894.20	317087.64	881.43		758.27	748.62
MW 54	3d	1761482.29	316871.62	880.37		820.55	810.82
MW 55	3s	1761482.41	316867.16	880.28		851.42	841.69
MW 56	3d	1760254.76	318422.25	859.32		847.93	838.27
MW 57	3d	1760357.35	318925.21	862.52		842.68	833.38
MW 58	3d	1760809.76	319598.52	861.46		854.35	849.69
MW 59	3s	1761696.70	318223.89	882.00		852.77	848.03
MW 60	3s	1761917.38	317944.64	881.77		847.95	843.24
MW 61	3d	1762477.48	319069.90	876.57		823.11	813.40
MW 62	B	1762498.26	319076.96	876.70		783.65	773.95
MW 63	3s	1762488.77	319074.19	876.53		846.17	841.45
MW 64	3d	1761475.47	319789.86	863.97		853.22	843.56

TABLE 2

**MONITORING WELL CONSTRUCTION DETAILS  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA**

<b>Monitoring Well Location</b>	<b>Hydro-Geologic Unit</b>	<b>Northing <sup>(1)</sup></b>	<b>Easting <sup>(1)</sup></b>	<b>Datum El. <sup>(2,3)</sup></b>	<b>2010 Revised Datum El. <sup>(2,3)</sup></b>	<b>Screen Top <sup>(2)</sup></b>	<b>Screen Bottom <sup>(2)</sup></b>
MW 65	3d	1761484.84	319399.81	864.22		853.47	843.80
MW 66	3d	1761222.31	319634.36	861.67		853.73	844.02
MW 67	3d	1761427.43	318463.83	877.03		835.69	831.02
MW 68	3s	1761420.80	318459.32	876.98		846.75	842.09
MW 69	3d	1760874.10	316649.68	882.08		833.90	829.23
MW 70	3s	1760874.50	316644.87	881.82		849.98	840.32
MW 71	B	1762665.14	317640.98	878.16		761.95	752.31
MW 72	3s	1762672.70	317638.05	877.74		847.86	838.06
MW 73	3d	1762677.33	317644.90	877.96		797.57	787.91
MW 74	B	1760621.78	316817.18	881.10		818.81	809.07
MW 75	3d	1762956.02	318487.35	881.42		801.31	791.63
MW 76	3s	1762951.84	318492.81	881.11		831.97	822.34
MW 77	B	1760238.33	319661.11	862.77		851.67	842.04
MW 78	3s	1761873.71	317734.00	882.25		855.48	850.75
MW 79	3s	1761750.49	317811.99	881.92		841.69	836.96
MW 80	3d	1761928.33	319258.30	865.49		841.54	836.84
MW 81	B	1761479.01	319399.60	864.38		839.58	829.88
MW 82	B	1761198.31	317978.59	878.55	879.70	782.27	772.54
MW 83	B	1761260.12	318746.50	876.23		801.58	791.93
MW 84	3s	1761539.65	318105.07	881.95		848.97	844.25
MW 85	3d	1760642.54	319141.95	866.11		851.62	842.11
MW 86	3d	1762422.91	320453.85	859.12		841.15	836.67
MW 87	3d	1761790.75	320918.50	861.51		848.40	843.91
MW 88	3d	1762463.35	319813.49	859.59		829.41	819.91
MW89-11	3s	NM	NM	NM		NM	NM
ER-1	1	1761864.90	317412.04	881.93		868.16	858.16
ER-2	1	1761856.43	317394.55	881.96		872.19	862.19
ER-3	1	1761856.37	317361.47	882.09		872.28	862.28
<b>Meadowbrook Golf Course Wells</b>							
MW-1	3d	1759686.91	317622.12	859.18		855.67	847.67
MW-2	3d	1760047.06	319467.27	860.08		857.31	851.31
MW-3	3d	1760956.57	320710.96	862.68		860.06	851.36
MW-4	3d	1760961.86	318774.81	861.67		859.08	839.08
MW-5	3d	1760305.51	320618.11	871.01		866.49	853.49
MW-6	3d	1760511.36	320752.07	868.92		862.30	844.30
MW-7	3d	1760523.65	320689.67	869.69		864.01	844.01
<b>Surface Water</b>							
TBM-1	3d	1759953.34	320818.16	862.50		NA	NA
TBM-2	3d	1760924.00	320538.74	860.41		NA	NA
TBM-3	3d	1760214.40	318958.42	858.97		NA	NA
TBM-4	3d	1759888.87	318295.42	860.51		NA	NA
TBM-5	3d	1759672.93	318693.89	857.49		NA	NA
TBM-6	3d	1759806.90	319657.43	857.82		NA	NA
Culvert 1	3d	1760552.00	319168.00	857.79		NA	NA

**Notes:**

(1) Coordinates are Indiana State Plane Coordinate System, 1301 East, NAD 83, US Survey Feet.

(2) Elevation based on level survey relative to USGS Monument PID LA1429 = 882.61 NAVD88.

(3) Datum for elevation and depth is marked on top of PVC riser pipe.

NM - Not Measured

NA - Not Applicable

TABLE 3

**GROUNDWATER ELEVATIONS  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA**

Monitoring Well Location	Hydro- Geologic Unit	Riser Elevation (f NAVD 88)	9-Oct-12		8-Apr-13		21-Oct-13	
			Depth to Water (f btor)	Groundwater Elevation (f NAVD 88)	Depth to Water (f btor)	Groundwater Elevation (f NAVD 88)	Depth to Water (f btor)	Groundwater Elevation (f NAVD 88)
MW 1	3s	880.86	-	-	-	-	-	-
MW 2	3s	879.70	-	-	4.11	-	-	-
MW2 R	3s	879.25	18.25	861.00	-	-	17.70	861.55
MW 3	3s	880.41	19.60	860.81	16.70	863.71	18.99	861.42
MW 4	3s	880.78	19.35	861.43	17.22	863.56	19.21	861.57
MW 5	3s	880.54	19.55	860.99	-	-	18.94	861.60
MW 6	3s	878.22	16.24	861.98	-	-	16.05	862.17
MW 7	3d	878.18	14.45	863.73	-	-	16.01	862.17
MW 8	3s	878.41	17.09	861.32	13.91	864.50	16.53	861.88
MW9	3s	881.65	-	-	-	-	-	-
MW 10	3s	880.88	24.83	856.05	-	-	23.25	857.63
MW 11	3s	882.68	21.69	860.99	-	-	21.05	861.63
MW 12	3d	882.78	21.68	861.10	18.52	864.26	20.99	861.79
MW 13	3s	881.25	-	-	-	-	-	-
MW 14	3s	881.36	20.75	860.61	17.95	863.41	20.12	861.24
MW 15	3s	879.67	19.10	860.57	-	-	17.35	862.32
MW 16	3s	879.83	-	-	-	-	17.30	862.53
MW 17	3s	879.86	17.95	861.91	-	-	17.30	862.56
MW 18	3s	878.88	17.29	861.59	-	-	23.15	855.73
MW 19	3s	878.54	4.91	873.63	-	-	5.67	872.87
MW 20	3s	877.70	-	-	-	-	17.70	860.00
MW 21	3s	878.74	16.67	862.07	-	-	16.27	862.47
MW 22	3s	879.11	17.24	861.87	-	-	17.01	862.10
MW 23	3s	877.68	17.57	860.11	-	-	17.31	860.37
MW 24	3d	882.77	21.65	861.12	-	-	21.25	861.52
MW 25	3s	882.85	21.84	861.01	-	-	21.51	861.34
MW 26	3d	883.09	26.95	856.14	-	-	26.90	856.19
MW 27	1	883.04	24.90	858.14	-	-	20.21	862.83
MW 28	3d	877.44	20.32	857.12	19.51	857.93	15.79	861.65
MW 29	3s	877.53	16.46	861.07	15.45	862.08	16.38	861.15
MW 30	1	878.50	14.16	864.34	-	-	14.07	864.43
MW 31	1	879.22	-	-	-	-	-	-
MW 31R	1	879.71	7.94	871.77	7.33	872.38	8.15	871.56
MW 32	1	878.88	-	-	-	-	-	-
MW 33	1	880.01	-	-	-	-	-	-
MW 34	1	883.67	22.06	861.61	-	-	21.97	861.70
MW 35	3d	883.96	-	-	-	-	-	-
MW 36	3d	870.09	11.51	858.58	9.87	860.22	8.56	861.53
MW 37	3s	869.95	8.70	861.25	7.91	862.04	8.82	861.13
MW 38	3d	877.65	-	-	-	-	-	-
MW 39	3d	879.51	21.79	857.72	-	-	21.79	857.72
MW 40	3s	879.51	21.79	857.72	21.09	858.42	21.79	857.72
MW 41	3d	878.58	21.24	857.34	19.71	858.87	25.39	853.19
MW 42	3s	878.54	21.13	857.41	19.70	858.84	25.50	853.04
MW 43	3d	876.00	19.20	856.80	-	-	19.90	856.10
MW 44	3s	876.02	15.17	860.85	-	-	14.43	861.59
MW 45	3d	873.72	15.31	858.41	-	-	15.02	858.70
MW 46	3s	873.64	11.73	861.91	10.56	863.08	11.43	862.21
MW 47	3s	880.27	18.74	861.53	-	-	17.99	862.28
MW 48	3d	877.96	17.10	860.86	-	-	16.62	861.34
MW 49	3s	877.93	16.90	861.03	14.08	863.85	16.50	861.43
MW 50	3d	878.27	18.68	859.59	-	-	17.77	860.50
MW 51	3s	878.19	18.32	859.87	16.55	861.64	17.62	860.57
MW 52	3d	882.69	21.35	861.34	-	-	19.60	863.09
MW 53	3d	881.43	20.90	860.53	-	-	20.32	861.11
MW 54	3d	880.37	18.93	861.44	-	-	18.05	862.32
MW 55	3s	880.28	18.88	861.40	-	-	18.01	862.27
MW 56	3d	859.32	2.12	857.20	3.11	856.21	2.20	857.12
MW 57	3d	862.52	5.41	857.11	5.11	857.41	5.45	857.07
MW 58	3d	861.46	4.74	856.72	4.52	856.94	4.70	856.76

TABLE 3

**GROUNDWATER ELEVATIONS  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA**

Monitoring Well Location	Hydro- Geologic Unit	Riser Elevation (f NAVD 88)	9-Oct-12		8-Apr-13		21-Oct-13	
			Depth to Water (f btor)	Groundwater Elevation (f NAVD 88)	Depth to Water (f btor)	Groundwater Elevation (f NAVD 88)	Depth to Water (f btor)	Groundwater Elevation (f NAVD 88)
MW 59	3s	882.00	20.49	861.51	19.45	862.55	19.35	862.65
MW 60	3s	881.77	21.95	859.82	-	-	21.84	859.93
MW 61	3d	876.57	19.83	856.74	18.95	857.62	19.72	856.85
MW 62	B	876.70	19.85	856.85	-	-	19.44	857.26
MW 63	3s	876.53	18.35	858.18	-	-	18.50	858.03
MW 64	3d	863.97	7.18	856.79	-	-	7.23	856.74
MW 65	3d	864.22	7.24	856.98	6.74	857.48	7.29	856.93
MW 66	3d	861.67	4.82	856.85	4.45	857.22	4.82	856.85
MW 67	3d	877.03	19.69	857.34	-	-	19.25	857.78
MW 68	3s	876.98	19.2	857.78	18.4	858.58	18.13	858.85
MW 69	3d	882.08	20.25	861.83	-	-	18.11	863.97
MW 70	3s	881.82	19.25	862.57	-	-	18.25	863.57
MW 71	B	878.16	18.51	859.65	-	-	16.89	861.27
MW 72	3s	877.74	18.05	859.69	-	-	17.16	860.58
MW 73	3d	877.96	18.35	859.61	-	-	17.51	860.45
MW 74	B	881.10	18.80	862.30	-	-	17.57	863.53
MW 75	3d	881.42	23.00	858.42	20.90	860.52	22.34	859.08
MW 76	3s	881.11	22.96	858.15	21.00	860.11	22.32	858.79
MW 77	B	862.77	5.82	856.95	-	-	5.65	857.12
MW 78	3s	882.25	21.76	860.49	-	-	-	-
MW 79	3s	881.92	21.90	860.02	19.33	862.59	21.20	860.72
MW 80	3d	865.49	8.73	856.76	7.66	857.83	8.76	856.73
MW 81	B	864.38	7.47	856.91	6.78	857.60	7.47	856.91
MW 82	B	879.70	0.95	878.75	0.90	878.80	17.92	861.78
MW 83	B	876.23	18.42	857.81	18.46	857.77	18.90	857.33
MW 84	3s	881.95	25.10	856.85	22.99	858.96	19.90	862.05
MW 85	3d	866.11	8.99	857.12	7.64	858.47	8.06	858.05
MW 86	3d	859.12	3.84	855.28	3.52	855.60	3.72	855.40
MW 87	3d	861.51	2.28	859.23	-	-	2.19	859.32
MW 88	3d	859.59	3.60	855.99	3.61	855.98	3.60	855.99
MW89-11	3s	-	19.30	-	12.13	-	14.01	-
ER-1	1	881.93	-	-	-	-	-	-
ER-2	1	881.96	-	-	-	-	-	-
ER-3	1	882.09	10.74	871.35	-	-	10.61	871.48
Meadowbrook Golf Course Wells								
MW-1	3d	859.18	1.41	857.77	-	-	1.38	857.80
MW-2	3d	860.08	3.01	857.07	-	-	3.10	856.98
MW-3	3d	862.68	6.81	855.87	5.77	856.91	6.90	855.78
MW-4	3d	861.67	4.43	857.24	3.45	858.22	4.74	856.93
MW-5	3d	871.01	-	-	-	-	-	-
MW-6	3d	868.92	-	-	-	-	-	-
MW-7	3d	869.69	9.90	859.79	8.7	-	10.03	859.66

**Notes:**

- (1) btor - below top of riser (i.e., reference elevation)
- (2) Elevation based on level survey relative to USGS Monument PID LA1429 = 882.61 NAVD88.
- (3) Datum for elevation and depth is marked on top of PVC riser pipe.
- (4) Blank table entries indicate that reference location was not installed at the time measurements were taken. A dash (-) indicates that the location was not measured.

TABLE 4

**SAMPLE KEY**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Sample Location</i>	<i>Sample Identification</i>	<i>Sample Date</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Parent Sample</i>	<i>TCL VOCs</i>	<i>Hexavalent Chromium</i>	<i>Metals</i>	<i>MNA Parameters</i>
MW 3	GW-040913-SM-009	4/9/2013	GW	N	--	x			
MW 3	GW-102413-SM-020	10/24/2013	GW	N	--	x			
MW 3	GW-102413-SM-021	10/24/2013	GW	FD	GW-102413-SM-020	x			x
MW 12	GW-040913-SM-011	4/9/2013	GW	N	--	x			
MW 12	GW-102313-SM-017	10/23/2013	GW	N	--	x			
MW 14	GW-040913-SM-007	4/9/2013	GW	N	--	x			
MW 14	GW-040913-SM-008	4/9/2013	GW	FD	GW-040913-SM-007	x			
MW 14	GW-102513-SM-030	10/25/2013	GW	N	--	x			
MW 14	GW-102513-SM-031	10/25/2013	GW	FD	GW-102513-SM-030	x			
MW 15	GW-102413-SM-022	10/24/2013	GW	N	--	x			x
MW 28	GW-041013-SM-016	4/10/2013	GW	N	--	x			
MW 28	GW-102313-SM-009	10/23/2013	GW	N	--	x			
MW 29	GW-041013-SM-017	4/10/2013	GW	N	--	x	x	x	
MW 31R	GW-040913-SM-010	4/9/2013	GW	N	--	x			
MW 31R	GW-102413-SM-023	10/24/2013	GW	N	--	x			x
MW 37	GW-102513-SM-035	10/25/2013	GW	N	--	x			
MW 40	GW-040913-SM-003	4/9/2013	GW	N	--	x			
MW 40	GW-102413-SM-025	10/24/2013	GW	N	--	x			x
MW 41	GW-040913-SM-002	4/9/2013	GW	N	--	x			
MW 41	GW-102513-SM-034	10/25/2013	GW	N	--	x			
MW 42	GW-040913-SM-001	4/9/2013	GW	N	--	x			
MW 42	GW-102513-SM-033	10/25/2013	GW	N	--	x			
MW 46	GW-102513-SM-029	10/25/2013	GW	N	--	x			
MW 49	GW-041013-SM-012	4/10/2013	GW	N	--	x			
MW 49	GW-102513-SM-028	10/25/2013	GW	N	--	x			
MW 51	GW-040913-SM-004	4/9/2013	GW	N	--	x			
MW 51	GW-102313-SM-014	10/23/2013	GW	N	--	x			
MW 56	GW-102913-SM-042	10/29/2013	GW	N	--	x			
MW 57	GW-102913-SM-044	10/29/2013	GW	N	--	x			x
MW 58	GW-102913-SM-047	10/29/2013	GW	N	--	x			
MW 59	GW-041013-SM-020	4/10/2013	GW	N	--	x	x	x	
MW 61	GW-102313-SM-008	10/23/2013	GW	N	--	x			
MW 64	GW-102213-SM-005	10/22/2013	GW	N	--	x			
MW 65	GW-102213-SM-003	10/22/2013	GW	N	--	x			
MW 66	GW-041013-SM-013	4/10/2013	GW	N	--	x			
MW 66	GW-102213-SM-004	10/22/2013	GW	N	--	x			
MW 68	GW-041013-SM-014	4/10/2013	GW	N	--	x			
MW 68	GW-041013-SM-015	4/10/2013	GW	FD	GW-041013-SM-014	x			
MW 68	GW-102313-SM-015	10/23/2013	GW	N	--	x			
MW 75	GW-102313-SM-013	10/23/2013	GW	N	--	x			
MW 76	GW-102313-SM-011	10/23/2013	GW	N	--	x			
MW 76	GW-102313-SM-012	10/23/2013	GW	FD	GW-102313-SM-011	x			
MW 79	GW-040913-SM-005	4/9/2013	GW	N	--	x			
MW 79	GW-102813-SM-036	10/28/2013	GW	N	--	x			
MW 8	GW-040913-SM-006	4/9/2013	GW	N	--	x			
MW 8	GW-102413-SM-019	10/24/2013	GW	N	--	x			x
MW 80	GW-102213-SM-001	10/22/2013	GW	N	--	x			
MW 81	GW-102213-SM-002	10/22/2013	GW	N	--	x			
MW 82	GW-102313-SM-016	10/23/2013	GW	N	--	x			
MW 83	GW-102413-SM-026	10/24/2013	GW	N	--	x			
MW 84	GW-041013-SM-018	4/10/2013	GW	N	--	x	x	x	
MW 84	GW-041013-SM-019	4/10/2013	GW	FD	GW-041013-SM-018	x	x	x	
MW 85	GW-041213-SM-024	4/12/2013	GW	N	--	x			
MW 85	GW-102913-SM-046	10/29/2013	GW	N	--	x			
MW 86	GW-102213-SM-007	10/22/2013	GW	N	--	x			
MW 88	GW-102213-SM-006	10/22/2013	GW	N	--	x			
MW 89-11	GW-041213-SM-021	4/12/2013	GW	N	--	x			
MW 89-11	GW-041213-SM-022	4/12/2013	GW	FD	GW-041213-SM-021	x			
MW 89-11	GW-102813-SM-037	10/28/2013	GW	N	--	x			
MW-2	GW-102913-SM-039	10/29/2013	GW	N	--	x			
MW-2	GW-102913-SM-040	10/29/2013	GW	FD	GW-102913-SM-039	x			
MW-4	GW-041213-SM-023	4/12/2013	GW	N	--	x			
MW-4	GW-102913-SM-048	10/29/2013	GW	N	--	x			x

TABLE 4

**SAMPLE KEY**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Sample Location</i>	<i>Sample Identification</i>	<i>Sample Date</i>	<i>Matrix</i>	<i>Sample Type</i>	<i>Parent Sample</i>	<i>TCL VOCs</i>	<i>Hexavalent Chromium</i>	<i>Metals</i>	<i>MNA Parameters</i>
Pond (Intake)	SW-041212-SM-002	4/12/2013	SW	N	--	x			
Pond (Intake)	SW-071713-SM-003	7/17/2013	SW	N	--	x			
Pond (Intake)	GW-102913-SM-043	10/29/2013	SW	N	--	x			
Pond (North)	SW-041212-SM-001	4/12/2013	SW	N	--	x			
Pond (North)	SW-071713-SM-001	7/17/2013	SW	N	--	x			
Pond (North)	SW-071713-SM-002	7/17/2013	SW	FD	SW-071713-SM-001	x			
Pond (North)	GW-102913-SM-045	10/29/2013	SW	N	--	x			
N/A	RB-041213-SM-003	4/13/2013	GW	EB	--	x			
N/A	TB-040912-SM-001	4/9/2013	GW	TB	--	x			
N/A	RB-040913-SM-001	4/10/2013	GW	EB	--	x			
N/A	RB-041013-SM-002	4/11/2013	GW	EB	--	x			
N/A	TB-041213-SM-002	4/12/2013	TB	TB	--	x			
N/A	TB-071713-SM-001	7/17/2013	TB	TB	--	x			
N/A	RB-102313-SM-010	10/23/2013	GW	EB	--	x			
N/A	TB-102313-SM-018	10/23/2013	GW	TB	--	x			
N/A	RB-102413-SM-024	10/24/2013	GW	EB	--	x			x
N/A	TB-102413-SM-027	10/24/2013	GW	TB	--	x			
N/A	RB-102513-SM-032	10/25/2013	GW	EB	--	x			
N/A	TB-102813-SM-038	10/28/2013	GW	TB	--	x			
N/A	RB-102913-SM-041	10/29/2013	GW	EB	--	x			
N/A	GW-102913-SM-049	10/29/2013	GW	TB	--	x			

**Notes:**

X - Sample collected and analyzed at the laboratory

GW - Groundwater

SW - Surface Water

TB - Trip Blank

EB - Equipment Blank

N - Normal

FD - Field Duplicate

N/A - Not Applicable

MNA - Monitored Natural Attenuation

MNA Parameters - Dissolved Gases, Sulfide, Alkalinity, Hardness, Dissolved Organic Carbon (DOC), Total Organic Carbon (TOC), Chloride, Sulfate, Nitrate, Nitrite, Manganese

**TABLE 5**  
**2013 WELL STABILIZATION PARAMETERS**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (° C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW-2	10/29/2013	8:45	--	--	--	--	--	--
		9:00	15.72	0.922	0.59	8.39	6.96	-4
		9:05	15.72	0.914	0.55	6.22	6.99	-6
		9:10	15.72	0.913	0.5	3.81	6.99	-8
MW 3	4/9/2013	12:55	--	--	--	--	--	--
		13:20	15.51	0.833	0.05	4.31	7.23	-50
		13:15	15.25	0.804	0.05	--	7.22	-46
		13:20	15.25	0.823	0.04	--	7.22	-46
MW 3	10/24/2013	9:30	--	--	--	--	--	--
		9:45	10.78	0.817	0.33	2.71	7.13	73
		9:50	10.76	0.817	0.33	2.29	7.13	76
		9:55	10.72	0.817	0.33	2.1	7.13	79
MW-4	4/12/2013	10:15	--	--	--	--	--	--
		10:30	8.62	1.37	0.32	--	7.07	-108
		10:35	8.55	1.36	0.32	--	7.08	-114
		10:40	8.55	1.36	0.32	--	7.08	-116
MW-4	10/29/2013	13:20	--	--	--	--	--	--
		13:35	15.83	1.04	0.07	11.5	7.13	-19
		13:40	15.8	1.04	0.07	--	7.14	-23
		13:45	15.8	1.04	0.07	--	7.15	-22
MW 8	4/9/2013	11:30	--	--	--	--	--	--
		11:45	13.79	1.12	0.18	8.8	7.34	-199
		11:50	13.79	1.13	0.07	5.1	7.33	-199
		11:55	13.79	1.13	0.07	4.8	7.33	-199
MW 8	10/24/2013	8:30	--	--	--	--	--	--
		8:45	13.38	0.968	0.19	5.11	7.06	-79
		8:50	13.39	0.970	0.19	3.39	7.07	-81
		8:55	13.39	0.970	0.19	3.25	7.09	-82
MW 12	4/9/2013	14:40	17.18	0.859	1.97	2.4	7.19	-97
		14:55	17.70	0.866	1.64	1.5	7.22	-235
		15:00	17.30	0.879	1.06	2.9	7.18	-170
		15:05	17.30	0.884	0.7	1.25	7.18	-183
		15:10	17.31	0.887	0.7	1.23	7.18	-186
MW 12	10/23/2013	14:35	--	--	--	--	--	--
		14:50	13.94	0.866	0.72	7.29	7.15	-87
		14:55	13.93	0.866	0.69	5.11	7.18	-87
		15:00	13.99	0.866	0.68	4.53	7.19	-87



**TABLE 5**  
**2013 WELL STABILIZATION PARAMETERS**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (° C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW 14	4/9/2013	12:15	--	--	--	--	--	--
		12:30	15.41	0.966	0.41	6.8	7.07	-190
		12:35	15.41	0.967	0.41	5.2	7.07	-189
		12:40	15.41	0.967	0.41	4.8	7.07	-188
MW 14	10/25/2013	10:30	--	--	--	--	--	--
		10:45	13.67	0.942	0.25	94.5	7.32	-86
		10:50	13.81	0.942	0.25	59	7.27	-86
		10:55	13.82	0.941	0.25	35.7	7.23	-87
		11:00	13.8	0.94	0.25	6.59	7.26	-87
11:05	13.79	0.94	0.25	4.13	7.27	-87		
MW 15	10/24/2013	10:40	--	--	--	--	--	--
		10:45	13.69	13.96	0.05	16.35	7.14	-28
		10:50	13.99	13.99	0.05	--	7.14	-28
		10:55	14.00	14.00	0.05	--	7.14	-27
11:00	14.00	14.00	0.05	--	7.14	-27		
MW 28	4/10/2013	11:15	--	--	--	--	--	--
		11:30	18.73	1.21	0.08	127	7.17	-197
		11:35	18.73	1.22	0.08	--	7.23	-200
		11:40	18.73	1.22	0.08	--	7.23	-200
MW28	10/23/2013	9:35	--	--	--	--	--	--
		9:50	16.12	1.04	0.26	8.46	7.10	-96
		9:55	15.99	1.04	0.23	6.21	7.10	-96
		10:00	15.98	1.04	0.24	4.97	7.10	-96
MW29	4/10/2013	11:55	--	--	--	--	--	--
		12:10	19.88	1.9	1.15	15.0	7.04	-2
		12:15	16.10	1.91	1.10	7.01	7.09	-2
		12:20	16.10	1.91	1.10	5.80	7.09	-2
MW 31R	4/9/2013	13:40	--	--	--	--	--	--
		13:55	11.85	1.25	0.37	10.4	7.21	-224
		14:00	11.56	1.25	0.37	7.83	7.14	-227
		14:05	11.56	1.25	0.37	5.11	7.15	-227
14:10	11.56	1.25	0.37	4.95	7.15	-224		
MW 31R	10/24/2013	11:35	--	--	--	--	--	--
		11:50	16.09	1.14	0.09	3.86	7.25	-107
		11:55	16.12	1.14	0.12	3.51	7.25	-125
		12:00	16.12	1.14	0.12	3.30	7.25	-125
MW 37	10/25/2013	13:25	--	--	--	--	--	--
		13:40	15.43	0.673	0.71	14.00	7.24	66
		13:45	15.4	0.676	0.75	8.04	7.24	68
		13:50	15.39	0.676	0.77	5.11	7.24	68
		13:55	15.19	0.676	0.76	4.82	7.24	69

**TABLE 5**  
**2013 WELL STABILIZATION PARAMETERS**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (° C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW 40	4/9/2013	9:30	--	--	--	--	--	--
		9:45	15.52	1.05	0.36	11.6	7.21	-168
		9:50	15.52	1.05	0.36	17.2	7.21	-173
		9:55	15.52	1.05	0.36	16.1	7.21	-174
MW 40	10/24/2013	12:45	--	--	--	--	--	--
		13:00	14.06	1.01	0.21	20.22	7.22	-89
		13:05	13.36	1.01	0.19	7.13	7.22	-89
		13:10	13.34	1.01	0.18	6.87	7.22	-93
MW 41	4/9/2013	8:50	--	--	--	--	--	--
		9:05	16.07	0.984	1.87	8.39	7.31	39
		9:10	16.07	0.990	1.25	8.21	7.27	36
		9:15	16.07	0.990	1.22	8.00	7.27	36
MW 41	10/25/2013	12:05	--	--	--	--	--	--
		12:40	16	0.972	0.23	16.9	7.26	-96
		12:45	15.98	0.972	0.22	8.11	7.24	-93
		12:50	15.96	0.972	0.19	5.52	7.28	-95
MW 42	10/25/2013	12:55	15.95	0.972	0.18	7.71	7.28	-94
		11:45	--	--	--	--	--	--
		12:00	15.95	0.838	1.51	10.3	7.35	-89
		21:05	15.9	0.839	1.5	8.31	7.35	-89
MW 42	4/9/2013	8:15	--	--	--	--	--	--
		8:30	16.18	0.918	0.47	10.0	7.22	-147
		8:35	16.18	0.917	0.33	8.58	7.23	-146
		8:40	16.18	0.917	0.33	--	7.23	-146
MW 46	10/25/2013	9:35	--	--	--	--	--	--
		9:50	14.00	1.460	0.16	8.69	7.01	91
		9:55	14.02	1.470	0.19	6.15	7.01	93
		10:00	14.04	1.470	0.19	5.3	7.01	96
MW49	4/10/2013	10:05	14.08	1.430	0.22	4.62	7.01	93
		8:30	--	--	--	--	--	--
		8:45	16.43	0.931	0.51	47.7	7.06	-71
		8:50	13.92	0.978	0.09	11.2	6.89	-116
MW49	10/25/2013	8:55	13.92	0.978	0.09	14.1	6.89	-117
		8:45	--	--	--	--	--	--
		9:00	12.41	0.852	0.09	10.8	7.17	-28
		9:05	12.43	0.852	0.09	6.11	7.17	-28
		9:10	12.43	0.852	0.09	4.98	7.17	-28

**TABLE 5**  
**2013 WELL STABILIZATION PARAMETERS**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (° C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW 50	4/9/2013	10:10	--	--	--	--	--	--
		10:25	15.30	1.08	0.09	21.2	7.21	-20
		10:30	15.40	1.08	0.08	7.20	7.16	-18
		10:35	15.41	1.08	0.08	--	7.17	-20
MW51	10/23/2013	12:00	--	--	--	--	--	--
		12:15	15.36	1.050	0.11	8.79	7.19	50
		12:20	15.37	1.050	0.11	5.02	7.2	50
		12:25	15.37	1.050	0.11	3.16	7.21	50
MW56	10/29/2013	9:35	--	--	--	--	--	--
		9:50	14.25	0.823	0.1	261	7.25	-86
		9:55	14.26	0.822	0.1	191	7.25	-87
		10:00	14.27	0.822	0.12	52.8	7.25	-86
		10:05	14.27	0.822	0.11	27.8	7.25	-88
		10:10	14.28	0.822	0.11	5.09	7.25	-88
MW57	10/29/2013	10:30	--	--	--	--	--	--
		10:45	14.65	0.957	0.15	5.23	7.08	-58
		10:50	14.7	0.958	0.11	3.44	7.09	-59
		10:50	14.7	0.958	0.11	3.1	7.09	-59
MW58	10/29/2013	12:30	--	--	--	--	--	--
		12:45	15.15	0.901	0.23	5.89	7.17	-34
		12:50	15.16	0.899	0.25	3.66	7.17	-35
		12:55	15.16	0.899	0.25	2.31	7.17	-36
MW59	4/10/2013	13:45	--	--	--	--	--	--
		14:00	15.11	1.26	7.06	4.08	7.44	-179
		14:05	15.11	1.28	1.53	3.12	7.41	-186
		14:10	15.11	1.28	1.50	2.95	7.41	-186
MW61	10/23/2013	8:50	--	--	--	--	--	--
		9:05	13.64	0.206	3.75	6.22	7.21	264
		9:10	13.64	0.206	3.51	4.49	7.2	265
		9:15	13.64	0.206	3.33	4.27	7.19	264
MW64	10/22/2013	12:25	--	--	--	--	--	--
		12:40	16.89	0.840	1.32	12.5	7.16	70
		12:45	16.92	0.843	1.26	5.0	7.16	68
		12:50	16.92	0.843	1.21	4.9	7.16	67
MW65	10/22/2013	11:05	--	--	--	--	--	--
		11:20	17.6	0.791	0.18	10.1	7.33	-30
		11:25	17.62	0.794	0.19	4.01	7.35	-26
		11:30	17.62	0.793	0.18	2.98	7.35	-23

**TABLE 5**  
**2013 WELL STABILIZATION PARAMETERS**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (° C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW66	4/10/2013	9:30	--	--	--	--	--	--
		9:45	11.09	0.985	0.31	10	7.09	-154.0
		9:50	11.15	0.985	0.31	4.2	7.05	-153.0
		9:55	11.09	0.985	0.31	4.0	7.01	-157.0
MW66	10/22/2013	11:45	--	--	--	--	--	--
		12:00	15.53	0.961	0.12	4.2	7.11	-30.0
		12:05	15.56	0.962	0.12	2.2	7.12	-31.0
		12:10	15.53	0.962	0.12	2.1	7.12	-31.0
MW68	4/10/2013	10:10	--	--	--	--	--	--
		10:25	18.39	0.889	0.11	--	7.21	-165
		10:30	18.39	0.910	0.11	--	7.18	-172
		10:35	18.39	0.917	0.11	--	7.18	-172
MW68	10/23/2013	12:50	15.18	0.84	0.31	18.2	7.20	78
		13:05	15.18	0.842	0.30	18.6	7.21	78
		13:10	15.18	0.842	0.27	18.7	7.22	78
		13:15	15.18	0.842	0.26	18.3	7.22	78
MW75	10/23/2013	11:05	--	--	--	--	--	--
		11:20	14.32	1.020	4.08	1.84	7.34	69
		11:25	14.37	1.020	4.03	1.59	7.34	69
		11:30	14.34	1.020	3.99	1.42	7.34	69
MW76	10/23/2013	10:30	--	--	--	--	--	--
		10:45	13.23	0.970	0.11	8.11	7.18	-103
		10:50	13.25	0.978	0.11	5.01	7.18	-103
		10:55	13.25	0.978	0.11	4.75	7.18	-103.0
MW79	4/9/2013	10:50	--	--	--	--	--	--
		11:05	16.02	0.885	2.29	23.1	7.32	-8.0
		11:10	16.18	0.888	0.49	22.7	7.26	-147
		11:15	16.18	0.889	0.48	21.2	7.25	-148
MW 79	10/28/2013	10:00	--	--	--	--	--	--
		10:15	13.87	0.863	0.18	23.6	7.22	-92
		10:20	13.89	0.863	0.18	20.1	7.23	-93
		10:25	13.92	0.863	0.18	14.8	7.25	-95
		10:30	13.93	0.863	0.19	12.8	7.26	-98
		10:35	13.95	0.863	0.19	11.3	7.26	-98
MW80	10/22/2013	9:45	--	--	--	--	--	--
		10:00	16.25	1.120	0.75	27.1	7.25	-31
		10:05	16.22	1.140	0.25	16.7	7.07	-30
		10:10	16.15	1.140	0.22	3.43	7.07	-31

**TABLE 5**  
**2013 WELL STABILIZATION PARAMETERS**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (° C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW81	10/22/2013	10:30	--	--	--	--	--	--
		10:45	15.09	0.845	0.63	22.1	7.19	5.0
		10:50	15.12	0.849	0.27	8.94	7.19	3.0
		10:55	15.13	0.848	0.26	4.99	7.19	3.0
		11:00	15.10	0.848	0.26	4.81	7.19	3.0
MW82	10/23/2013	13:30	13.45	0.763	0.32	2.11	7.48	-109
		13:45	13.43	0.761	0.29	1.98	7.32	-110
		13:50	13.43	0.760	0.29	1.62	7.28	-115
		13:55	13.43	0.760	0.29	1.60	7.21	-115
		14:00	13.43	0.760	0.29	1.63	7.21	-118
MW83	10/24/2013	13:50	--	--	--	--	--	--
		14:05	13.34	0.889	0.19	15.30	7.19	-91
		14:10	13.21	0.889	0.19	10.20	7.20	-90
		14:15	13.22	0.889	0.19	5.83	7.20	-92
		14:20	13.22	0.889	0.19	4.11	7.23	-94
MW84	4/10/2013	12:45	--	--	--	--	--	--
		13:00	15.13	1.26	1.25	8.15	7.35	-16
		13:05	15.13	1.34	1.38	3.12	7.34	-109
		13:10	15.13	1.34	1.38	--	7.34	-109
MW85	4/12/2013	11:15	--	--	--	--	--	--
		11:30	11.19	1.02	0.15	--	7.19	-178
		11:35	11.19	1.02	0.11	--	7.18	-178
		11:40	11.19	1.02	0.11	--	7.18	-178
MW 85	10/29/2013	11:30	--	--	--	--	--	--
		11:45	14.45	7.19	0.04	121	7.19	-70
		11:50	14.46	7.19	0.06	50.6	7.19	-71
		11:55	14.47	7.19	0.06	10.1	7.19	-73
		12:00	14.47	7.19	0.06	15.5	7.19	-75
MW86	10/22/2013	14:05	--	--	--	--	--	--
		14:20	13.92	1.04	0.22	1.72	7.08	-73
		14:25	13.93	1.04	0.2	1.64	7.07	-72
		14:30	13.93	1.04	0.21	1.65	7.07	-72
MW88	10/22/2013	13:30	--	--	--	--	--	--
		13:45	14.9	1.17	0.17	6.1	7.15	-77
		13:50	14.87	1.17	0.16	4.12	7.15	-74
		13:55	14.85	1.16	0.16	3.98	7.15	-72

TABLE 5

**2013 WELL STABILIZATION PARAMETERS  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA**

<i>Location</i>	<i>Date</i>	<i>Time (24 hr)</i>	<i>Temperature (°C)</i>	<i>Conductivity (mS/cm)</i>	<i>DO mg/L</i>	<i>Turbidity (NTU)</i>	<i>pH (s.u.)</i>	<i>ORP (mV)</i>
MW89-11	4/12/2013	8:15	--	--	--	--	--	--
		8:30	10.25	1.22	0.57	--	6.94	110
		8:35	10.29	1.22	0.46	--	6.90	111
		8:40	10.29	1.22	0.46	--	6.90	111
MW89-11	10/28/2013	11:05	--	--	--	--	--	--
		11:20	13.88	0.898	1.09	41.6	7.18	-168
		11:25	13.84	0.899	1.15	33.4	7.17	-172
		11:30	13.83	0.899	1.15	18.6	7.17	-174
		11:35	13.82	0.899	1.15	33.6	7.17	-174
		11:40	13.82	0.899	1.15	42.8	7.17	-174

**Notes:**

mg/L	milligram per litre
mS/cm	millisiemens per centimetre
mV	millivolts
s.u.	Scientific Units
°C	degrees Celsius
NTU	Nephelometric Turbidity Units

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

Sample Location:	MW 3	MW 3	MW 3	MW 8	MW 8	MW 12	MW 12	
Sample ID:	GW-040913-SM-009	GW-102413-SM-020	GW-102413-SM-021	GW-040913-SM-006	GW-102413-SM-019	GW-040913-SM-011	GW-102313-SM-017	
Sample Date:	4/9/2013	10/24/2013	10/24/2013 (Duplicate)	4/9/2013	10/24/2013	4/9/2013	10/23/2013	
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	5 U	2.5 U	2.5 U	1.7 U	1.7 U	0.1 U	0.077 U
Benzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Bromodichloromethane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Bromoform	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Bromomethane (Methyl bromide)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	5 U	2.5 U	2.5 U	1.7 U	1.7 U	0.1 U	0.077 U
Carbon disulfide	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Carbon tetrachloride	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Chlorobenzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Chloroethane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Chloroform (Trichloromethane)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Chloromethane (Methyl chloride)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Cyclohexane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	1 U	0.5 U	0.5 U	0.33 U	0.33 U	0.02 U	0.015 U
Dibromochloromethane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,2-Dichlorobenzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,3-Dichlorobenzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,4-Dichlorobenzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,1-Dichloroethane	mg/L	0.31 J	0.11 J	0.12 J	0.039 J	0.051 J	0.01 U	0.0077 U
1,2-Dichloroethane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,1-Dichloroethene	mg/L	0.18 J	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
cis-1,2-Dichloroethene	mg/L	6.2	0.93	1	3.5	4.2	0.21	0.24
trans-1,2-Dichloroethene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.0025 J	0.0039 J
1,2-Dichloropropane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
cis-1,3-Dichloropropene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
trans-1,3-Dichloropropene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Ethylbenzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
2-Hexanone	mg/L	5 U	2.5 U	2.5 U	1.7 U	1.7 U	0.1 U	0.077 U
Isopropyl benzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Methyl acetate	mg/L	5 U	2.5 U	2.5 U	1.7 U	1.7 U	0.1 U	0.077 U
Methyl cyclohexane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Methyl tert butyl ether (MTBE)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	5 U	2.5 U	2.5 U	1.7 U	1.7 U	0.1 U	0.077 U
Methylene chloride	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Styrene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,1,2,2-Tetrachloroethane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Tetrachloroethene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Toluene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
1,2,4-Trichlorobenzene	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.061 J	0.01 U	0.0077 U
1,1,1-Trichloroethane	mg/L	0.59	0.52	0.57	0.17 U	0.17 U	0.01 U	0.0077 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 3</i>	<i>MW 3</i>	<i>MW 3</i>	<i>MW 8</i>	<i>MW 8</i>	<i>MW 12</i>	<i>MW 12</i>
<i>Sample ID:</i>		<i>GW-040913-SM-009</i>	<i>GW-102413-SM-020</i>	<i>GW-102413-SM-021</i>	<i>GW-040913-SM-006</i>	<i>GW-102413-SM-019</i>	<i>GW-040913-SM-011</i>	<i>GW-102313-SM-017</i>
<i>Sample Date:</i>		<i>4/9/2013</i>	<i>10/24/2013</i>	<i>10/24/2013</i> <i>(Duplicate)</i>	<i>4/9/2013</i>	<i>10/24/2013</i>	<i>4/9/2013</i>	<i>10/23/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Trichloroethene	mg/L	13	4.8	5.3	0.12 J	0.42	0.0059 J	0.003 J
Trichlorofluoromethane (CFC-11)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.5 U	0.25 U	0.25 U	0.17 U	0.17 U	0.01 U	0.0077 U
Vinyl chloride	mg/L	0.5 U	0.077 J	0.082 J	1.5	1.4	0.01 U	0.0077 U
Xylenes (total)	mg/L	1 U	0.5 U	0.5 U	0.33 U	0.33 U	0.02 U	0.015 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

-- - Not analyzed.



TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:		MW 14	MW 14	MW 14	MW 14	MW 15	MW 28	MW 28
Sample ID:		GW-040913-SM-007	GW-040913-SM-008	GW-102513-SM-030	GW-102513-SM-031	GW-102413-SM-022	GW-041013-SM-016	GW-102313-SM-009
Sample Date:		4/9/2013	4/9/2013 (Duplicate)	10/25/2013	10/25/2013 (Duplicate)	10/24/2013	4/10/2013	10/23/2013
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	1.7 U	1.7 U	2.5 U	2 U	5 U	0.067 U	0.091 U
Benzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Bromodichloromethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Bromoform	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Bromomethane (Methyl bromide)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	1.7 U	1.7 U	2.5 U	2 U	5 U	0.067 U	0.091 U
Carbon disulfide	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Carbon tetrachloride	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Chlorobenzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Chloroethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Chloroform (Trichloromethane)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Chloromethane (Methyl chloride)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Cyclohexane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.33 U	0.33 U	0.5 U	0.4 U	1 U	0.013 U	0.018 U
Dibromochloromethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,2-Dichlorobenzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,3-Dichlorobenzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,4-Dichlorobenzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,1-Dichloroethane	mg/L	0.17 U	0.037 J	0.25 U	0.06 J	0.4 J	0.0067 U	0.0091 U
1,2-Dichloroethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,1-Dichloroethene	mg/L	0.17 U	0.17 U	0.049 J	0.2 U	0.5 U	0.0067 U	0.0091 U
cis-1,2-Dichloroethene	mg/L	3.6	3.9	6.1	5	12	0.13	0.31
trans-1,2-Dichloroethene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.11 J	0.0067 U	0.0091 U
1,2-Dichloropropane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
cis-1,3-Dichloropropene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
trans-1,3-Dichloropropene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Ethylbenzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
2-Hexanone	mg/L	1.7 U	1.7 U	2.5 U	2 U	5 U	0.067 U	0.091 U
Isopropyl benzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Methyl acetate	mg/L	1.7 U	1.7 U	2.5 U	2 U	5 U	0.067 U	0.091 U
Methyl cyclohexane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Methyl tert butyl ether (MTBE)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	1.7 U	1.7 U	2.5 U	2 U	5 U	0.067 U	0.091 U
Methylene chloride	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Styrene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,1,2,2-Tetrachloroethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Tetrachloroethene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Toluene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,2,4-Trichlorobenzene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
1,1,1-Trichloroethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.96	0.0067 U	0.0091 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 14</i>	<i>MW 14</i>	<i>MW 14</i>	<i>MW 14</i>	<i>MW 15</i>	<i>MW 28</i>	<i>MW 28</i>
<i>Sample ID:</i>		<i>GW-040913-SM-007</i>	<i>GW-040913-SM-008</i>	<i>GW-102513-SM-030</i>	<i>GW-102513-SM-031</i>	<i>GW-102413-SM-022</i>	<i>GW-041013-SM-016</i>	<i>GW-102313-SM-009</i>
<i>Sample Date:</i>		<i>4/9/2013</i>	<i>4/9/2013</i> <i>(Duplicate)</i>	<i>10/25/2013</i>	<i>10/25/2013</i> <i>(Duplicate)</i>	<i>10/24/2013</i>	<i>4/10/2013</i>	<i>10/23/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Trichloroethene	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	8.3	0.0067 U	0.0091 U
Trichlorofluoromethane (CFC-11)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.17 U	0.17 U	0.25 U	0.2 U	0.5 U	0.0067 U	0.0091 U
Vinyl chloride	mg/L	0.18	0.19	0.22 J	0.25	0.56	0.17	0.14
Xylenes (total)	mg/L	0.33 U	0.33 U	0.5 U	0.4 U	1 U	0.013 U	0.018 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

-- - Not analyzed.

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

Sample Location:		MW 29	MW 31R	MW 31R	MW 37	MW 40	MW 40	MW 41
Sample ID:		GW-041013-SM-017	GW-040913-SM-010	GW-102413-SM-023	GW-102513-SM-035	GW-040913-SM-003	GW-102413-SM-025	GW-040913-SM-002
Sample Date:		4/10/2013	4/9/2013	10/24/2013	10/25/2013	4/9/2013	10/24/2013	4/9/2013
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	0.01 U	2.5 U	2.5 U	0.01 U	2.5 U	3.3 U	2 U
Benzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Bromodichloromethane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Bromoform	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	2.5 U	2.5 U	0.01 U	2.5 U	3.3 U	2 U
Carbon disulfide	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Carbon tetrachloride	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Chlorobenzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Chloroethane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Cyclohexane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.5 U	0.5 U	0.002 U	0.5 U	0.67 U	0.4 U
Dibromochloromethane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,1-Dichloroethane	mg/L	0.001 U	0.26	0.31	0.001 U	0.25	0.29 J	0.2 U
1,2-Dichloroethane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,1-Dichloroethene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
cis-1,2-Dichloroethene	mg/L	0.001 U	8.3	7.2	0.0011	7.9	8.1	6.3
trans-1,2-Dichloroethene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.13 J	0.15 J	0.11 J
1,2-Dichloropropane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Ethylbenzene	mg/L	0.001 U	0.76	0.62	0.001 U	0.25 U	0.33 U	0.2 U
2-Hexanone	mg/L	0.01 U	2.5 U	2.5 U	0.01 U	2.5 U	3.3 U	2 U
Isopropyl benzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Methyl acetate	mg/L	0.01 U	2.5 U	2.5 U	0.01 U	2.5 U	3.3 U	2 U
Methyl cyclohexane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	2.5 U	2.5 U	0.01 U	2.5 U	3.3 U	2 U
Methylene chloride	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Styrene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Tetrachloroethene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Toluene	mg/L	0.001 U	2.1	1.9	0.001 U	0.25 U	0.33 U	0.2 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.07 J	0.074 J	0.001 U	0.25 U	0.33 U	0.2 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 29</i>	<i>MW 31R</i>	<i>MW 31R</i>	<i>MW 37</i>	<i>MW 40</i>	<i>MW 40</i>	<i>MW 41</i>
<i>Sample ID:</i>		<i>GW-041013-SM-017</i>	<i>GW-040913-SM-010</i>	<i>GW-102413-SM-023</i>	<i>GW-102513-SM-035</i>	<i>GW-040913-SM-003</i>	<i>GW-102413-SM-025</i>	<i>GW-040913-SM-002</i>
<i>Sample Date:</i>		<i>4/10/2013</i>	<i>4/9/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>4/9/2013</i>	<i>10/24/2013</i>	<i>4/9/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Trichloroethene	mg/L	0.001 U	0.057 J	0.15 J	0.001 U	0.13 J	0.15 J	0.2 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.25 U	0.25 U	0.001 U	0.25 U	0.33 U	0.2 U
Vinyl chloride	mg/L	0.001 U	1.3	1.6	0.001 U	0.99	1.2	0.61
Xylenes (total)	mg/L	0.002 U	1.2	1.3	0.002 U	0.5 U	0.67 U	0.4 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

-- - Not analyzed.

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:	MW 41	MW 42	MW 42	MW 46	MW 49	MW 49	MW 51	
Sample ID:	GW-102513-SM-034	GW-040913-SM-001	GW-102513-SM-033	GW-102513-SM-029	GW-041013-SM-012	GW-102513-SM-028	GW-040913-SM-004	
Sample Date:	10/25/2013	4/9/2013	10/25/2013	10/25/2013	4/10/2013	10/25/2013	4/9/2013	
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	3.3 U	2 U	2 U	0.01 U	0.33 U	0.33 U	0.08 U
Benzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Bromodichloromethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Bromoform	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Bromomethane (Methyl bromide)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	3.3 U	2 U	2 U	0.01 U	0.33 U	0.33 U	0.08 U
Carbon disulfide	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Carbon tetrachloride	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Chlorobenzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Chloroethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Chloroform (Trichloromethane)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Chloromethane (Methyl chloride)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Cyclohexane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.67 U	0.4 U	0.4 U	0.002 U	0.067 U	0.067 U	0.016 U
Dibromochloromethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,2-Dichlorobenzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,3-Dichlorobenzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,4-Dichlorobenzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,1-Dichloroethane	mg/L	0.33 U	0.041 J	0.084 J	0.001 U	0.033 U	0.033 U	0.008 U
1,2-Dichloroethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,1-Dichloroethene	mg/L	0.33 U	0.2 U	0.046 J	0.001 U	0.033 U	0.033 U	0.008 U
cis-1,2-Dichloroethene	mg/L	7.2	5.2	5.2	0.001 U	0.74	0.9	0.0076 J
trans-1,2-Dichloroethene	mg/L	0.16 J	0.19 J	0.27	0.001 U	0.016 J	0.032 J	0.008 U
1,2-Dichloropropane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
cis-1,3-Dichloropropene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
trans-1,3-Dichloropropene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Ethylbenzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
2-Hexanone	mg/L	3.3 U	2 U	2 U	0.01 U	0.33 U	0.33 U	0.08 U
Isopropyl benzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Methyl acetate	mg/L	3.3 U	2 U	2 U	0.01 U	0.33 U	0.33 U	0.08 U
Methyl cyclohexane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Methyl tert butyl ether (MTBE)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	3.3 U	2 U	2 U	0.01 U	0.33 U	0.33 U	0.08 U
Methylene chloride	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Styrene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,1,2,2-Tetrachloroethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Tetrachloroethene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Toluene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,2,4-Trichlorobenzene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
1,1,1-Trichloroethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>	<i>MW 41</i>	<i>MW 42</i>	<i>MW 42</i>	<i>MW 46</i>	<i>MW 49</i>	<i>MW 49</i>	<i>MW 51</i>
<i>Sample ID:</i>	<i>GW-102513-SM-034</i>	<i>GW-040913-SM-001</i>	<i>GW-102513-SM-033</i>	<i>GW-102513-SM-029</i>	<i>GW-041013-SM-012</i>	<i>GW-102513-SM-028</i>	<i>GW-040913-SM-004</i>
<i>Sample Date:</i>	<i>10/25/2013</i>	<i>4/9/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>4/10/2013</i>	<i>10/25/2013</i>	<i>4/9/2013</i>

**Volatile Organic Compounds (Continued)**

1,1,2-Trichloroethane	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Trichloroethene	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.21
Trichlorofluoromethane (CFC-11)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.33 U	0.2 U	0.2 U	0.001 U	0.033 U	0.033 U	0.008 U
Vinyl chloride	mg/L	0.55	0.14 J	0.12 J	0.001 U	0.027 J	0.033	0.003 J
Xylenes (total)	mg/L	0.67 U	0.4 U	0.4 U	0.002 U	0.067 U	0.067 U	0.016 U

**Notes:**

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

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

Sample Location:		MW 51	MW 56	MW 57	MW 58	MW 59	MW 61	MW 64
Sample ID:		GW-102313-SM-014	GW-102913-SM-042	GW-102913-SM-044	GW-102913-SM-047	GW-041013-SM-020	GW-102313-SM-008	GW-102213-SM-005
Sample Date:		10/23/2013	10/29/2013	10/29/2013	10/29/2013	4/10/2013	10/23/2013	10/22/2013
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	0.067 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.017 U
Benzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Bromodichloromethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Bromoform	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Bromomethane (Methyl bromide)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.067 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.017 U
Carbon disulfide	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Carbon tetrachloride	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Chlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Chloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Chloroform (Trichloromethane)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Chloromethane (Methyl chloride)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Cyclohexane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.013 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.0033 U
Dibromochloromethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,2-Dichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,3-Dichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,4-Dichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,1-Dichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0035 U
1,2-Dichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,1-Dichloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
cis-1,2-Dichloroethene	mg/L	0.0075 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.025 U
trans-1,2-Dichloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0018 U
1,2-Dichloropropane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
cis-1,3-Dichloropropene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
trans-1,3-Dichloropropene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Ethylbenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
2-Hexanone	mg/L	0.067 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.017 U
Isopropyl benzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Methyl acetate	mg/L	0.067 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.017 U
Methyl cyclohexane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Methyl tert butyl ether (MTBE)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0011 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.067 U	0.01 U	0.01 U	0.02 U	0.01 U	0.01 U	0.017 U
Methylene chloride	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Styrene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,1,2,2-Tetrachloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Tetrachloroethene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Toluene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,2,4-Trichlorobenzene	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
1,1,1-Trichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 51</i>	<i>MW 56</i>	<i>MW 57</i>	<i>MW 58</i>	<i>MW 59</i>	<i>MW 61</i>	<i>MW 64</i>
<i>Sample ID:</i>		<i>GW-102313-SM-014</i>	<i>GW-102913-SM-042</i>	<i>GW-102913-SM-044</i>	<i>GW-102913-SM-047</i>	<i>GW-041013-SM-020</i>	<i>GW-102313-SM-008</i>	<i>GW-102213-SM-005</i>
<i>Sample Date:</i>		<i>10/23/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>4/10/2013</i>	<i>10/23/2013</i>	<i>10/22/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Trichloroethene	mg/L	0.19	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Trichlorofluoromethane (CFC-11)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.0067 U	0.001 U	0.001 U	0.002 U	0.001 U	0.001 U	0.0017 U
Vinyl chloride	mg/L	0.0029 J	0.001 U	0.0062	0.11	0.001 U	0.001 U	0.045
Xylenes (total)	mg/L	0.013 U	0.002 U	0.002 U	0.004 U	0.002 U	0.002 U	0.0033 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

-- - Not analyzed.



TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:		MW 65	MW 66	MW 66	MW 68	MW 68	MW 68	MW 75
Sample ID:		GW-102213-SM-003	GW-041013-SM-013	GW-102213-SM-004	GW-041013-SM-014	GW-041013-SM-015	GW-102313-SM-015	GW-102313-SM-013
Sample Date:		10/22/2013	4/10/2013	10/22/2013	4/10/2013	4/10/2013 (Duplicate)	10/23/2013	10/23/2013
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	0.057 U	0.17 U	0.25 U	2.5 U	2.5 U	3.3 U	0.01 U
Benzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Bromodichloromethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Bromoform	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.057 U	0.17 U	0.25 U	2.5 U	2.5 U	3.3 U	0.01 U
Carbon disulfide	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Carbon tetrachloride	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Chlorobenzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Chloroethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Cyclohexane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.011 U	0.033 U	0.05 U	0.5 U	0.5 U	0.67 U	0.002 U
Dibromochloromethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,1-Dichloroethane	mg/L	0.0062	0.023	0.055	0.16 J	0.15 J	0.18 J	0.001 U
1,2-Dichloroethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,1-Dichloroethene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.21	0.36	0.9	6.4	6.1	7	0.001 U
trans-1,2-Dichloroethene	mg/L	0.016	0.036	0.089	0.14 J	0.13 J	0.15 J	0.001 U
1,2-Dichloropropane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Ethylbenzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
2-Hexanone	mg/L	0.057 U	0.17 U	0.25 U	2.5 U	2.5 U	3.3 U	0.01 U
Isopropyl benzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Methyl acetate	mg/L	0.057 U	0.17 U	0.25 U	2.5 U	2.5 U	3.3 U	0.01 U
Methyl cyclohexane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.057 U	0.17 U	0.25 U	2.5 U	2.5 U	3.3 U	0.01 U
Methylene chloride	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Styrene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Tetrachloroethene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Toluene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 65</i>	<i>MW 66</i>	<i>MW 66</i>	<i>MW 68</i>	<i>MW 68</i>	<i>MW 68</i>	<i>MW 75</i>
<i>Sample ID:</i>		<i>GW-102213-SM-003</i>	<i>GW-041013-SM-013</i>	<i>GW-102213-SM-004</i>	<i>GW-041013-SM-014</i>	<i>GW-041013-SM-015</i>	<i>GW-102313-SM-015</i>	<i>GW-102313-SM-013</i>
<i>Sample Date:</i>		<i>10/22/2013</i>	<i>4/10/2013</i>	<i>10/22/2013</i>	<i>4/10/2013</i>	<i>4/10/2013</i> <i>(Duplicate)</i>	<i>10/23/2013</i>	<i>10/23/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Trichloroethene	mg/L	0.0057 U	0.017 U	0.025 U	2.1	1.9	2	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.0057 U	0.017 U	0.025 U	0.25 U	0.25 U	0.33 U	0.001 U
Vinyl chloride	mg/L	0.0025 J	0.3	0.16	0.21 J	0.19 J	0.24 J	0.001 U
Xylenes (total)	mg/L	0.011 U	0.033 U	0.05 U	0.5 U	0.5 U	0.67 U	0.002 U

**Notes:**

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

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:	MW 76	MW 76	MW 79	MW 79	MW 80	MW 81	MW 82	
Sample ID:	GW-102313-SM-011	GW-102313-SM-012	GW-040913-SM-005	GW-102813-SM-036	GW-102213-SM-001	GW-102213-SM-002	GW-102313-SM-016	
Sample Date:	10/23/2013	10/23/2013 (Duplicate)	4/9/2013	10/28/2013	10/22/2013	10/22/2013	10/23/2013	
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	0.01 U	0.01 U	0.83 U	0.5 U	0.017 U	0.05 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.00032 J
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.83 U	0.5 U	0.017 U	0.05 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.00022 J
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.17 U	0.1 U	0.0033 U	0.01 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.0037 J	0.0003 J
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.00036 J	0.00043 J	1.9	2.6	0.0017 U	0.15	0.0022
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.083	0.11	0.0017 U	0.0021 J	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.83 U	0.5 U	0.017 U	0.05 U	0.01 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.83 U	0.5 U	0.017 U	0.05 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.0006 J
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.83 U	0.5 U	0.017 U	0.05 U	0.01 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 76</i>	<i>MW 76</i>	<i>MW 79</i>	<i>MW 79</i>	<i>MW 80</i>	<i>MW 81</i>	<i>MW 82</i>
<i>Sample ID:</i>		<i>GW-102313-SM-011</i>	<i>GW-102313-SM-012</i>	<i>GW-040913-SM-005</i>	<i>GW-102813-SM-036</i>	<i>GW-102213-SM-001</i>	<i>GW-102213-SM-002</i>	<i>GW-102313-SM-016</i>
<i>Sample Date:</i>		<i>10/23/2013</i>	<i>10/23/2013</i>	<i>4/9/2013</i>	<i>10/28/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/23/2013</i>
			<i>(Duplicate)</i>					
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.00066 J
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.083 U	0.05 U	0.0017 U	0.005 U	0.001 U
Vinyl chloride	mg/L	0.00046 J	0.00048 J	0.15	0.16	0.045	0.066	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.17 U	0.1 U	0.0033 U	0.01 U	0.002 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

-- - Not analyzed.

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:		MW 83	MW 84	MW 85	MW 85	MW 86	MW 88	MW-2
Sample ID:		GW-102413-SM-026	GW-041013-SM-018	GW-041213-SM-024	GW-102913-SM-046	GW-102213-SM-007	GW-102213-SM-006	GW-102913-SM-039
Sample Date:		10/24/2013	4/10/2013	4/12/2013	10/29/2013	10/22/2013	10/22/2013	10/29/2013
Parameters:	Units							
<b>Volatile Organic Compounds</b>								
Acetone	mg/L	0.01 U	0.01 U	0.67 U	0.67 U	0.01 U	0.01 U	0.01 U
Benzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.67 U	0.67 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.13 U	0.13 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.062 J	0.16	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.00032 J	0.001 U	1.9	4.6	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.03 J	0.084	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.67 U	0.67 U	0.01 U	0.01 U	0.01 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.67 U	0.67 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.67 U	0.67 U	0.01 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.018 J	0.067 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW 83</i>	<i>MW 84</i>	<i>MW 85</i>	<i>MW 85</i>	<i>MW 86</i>	<i>MW 88</i>	<i>MW-2</i>
<i>Sample ID:</i>		<i>GW-102413-SM-026</i>	<i>GW-041013-SM-018</i>	<i>GW-041213-SM-024</i>	<i>GW-102913-SM-046</i>	<i>GW-102213-SM-007</i>	<i>GW-102213-SM-006</i>	<i>GW-102913-SM-039</i>
<i>Sample Date:</i>		<i>10/24/2013</i>	<i>4/10/2013</i>	<i>4/12/2013</i>	<i>10/29/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/29/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.00023 J	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.067 U	0.067 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.0015	0.001 U	0.69	0.64	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.13 U	0.13 U	0.002 U	0.002 U	0.002 U

**Notes:**

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

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:	MW-2	MW-4	MW-4	MW89-11	MW89-11	MW89-11	Equipment Blank
Sample ID:	GW-102913-SM-040	GW-041213-SM-023	GW-102913-SM-048	GW-041213-SM-021	GW-041213-SM-022	GW-102813-SM-037	RB-040913-SM-001
Sample Date:	10/29/2013 (Duplicate)	4/12/2013	10/29/2013	4/12/2013	4/12/2013 (Duplicate)	10/28/2013	4/9/2013
Parameters:	Units						
<b>Volatile Organic Compounds</b>							
Acetone	mg/L	0.01 U	3.3 U	1.7 U	0.01 U	0.01 U	0.0028 J
Benzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.00015 J
Bromodichloromethane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.0013
Bromoform	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	3.3 U	1.7 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	mg/L	0.0011 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.0058
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.67 U	0.33 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.5	0.54	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.076 J	0.098 J	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	12	14	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.36	0.32	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	3.3 U	1.7 U	0.01 U	0.01 U	0.01 U
Isopropyl benzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	3.3 U	1.7 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	3.3 U	1.7 U	0.01 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.086 J	0.14 J	0.001 U	0.001 U	0.001 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>MW-2</i>	<i>MW-4</i>	<i>MW-4</i>	<i>MW89-11</i>	<i>MW89-11</i>	<i>MW89-11</i>	<i>Equipment Blank</i>
<i>Sample ID:</i>		<i>GW-102913-SM-040</i>	<i>GW-041213-SM-023</i>	<i>GW-102913-SM-048</i>	<i>GW-041213-SM-021</i>	<i>GW-041213-SM-022</i>	<i>GW-102813-SM-037</i>	<i>RB-040913-SM-001</i>
<i>Sample Date:</i>		<i>10/29/2013</i>	<i>4/12/2013</i>	<i>10/29/2013</i>	<i>4/12/2013</i>	<i>4/12/2013</i>	<i>10/28/2013</i>	<i>4/9/2013</i>
		<i>(Duplicate)</i>				<i>(Duplicate)</i>		
<b><i>Volatile Organic Compounds (Continued)</i></b>								
1,1,2-Trichloroethane	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.74	1.5	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.33 U	0.17 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.44	0.43	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.67 U	0.33 U	0.002 U	0.002 U	0.002 U	0.002 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Estimated reporting limit.

-- - Not analyzed.



TABLE 6

**SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<b>Sample Location:</b>		<b>Equipment Blank</b>	<b>Equipment Blank</b>	<b>Equipment Blank</b>	<b>Equipment Blank</b>	<b>Equipment Blank</b>	<b>Equipment Blank</b>	<b>Trip Blank</b>	<b>Trip Blank</b>
<b>Sample ID:</b>		<b>RB-041013-SM-002</b>	<b>RB-041213-SM-001</b>	<b>RB-102313-SM-010</b>	<b>RB-102413-SM-024</b>	<b>RB-102513-SM-032</b>	<b>RB-102913-SM-041</b>	<b>TB-040913-SM-001</b>	<b>TB-041213-SM-002</b>
<b>Sample Date:</b>		<b>4/10/2013</b>	<b>4/12/2013</b>	<b>10/23/2013</b>	<b>10/24/2013</b>	<b>10/25/2013</b>	<b>10/29/2013</b>	<b>4/9/2013</b>	<b>4/12/2013</b>
<b>Parameters:</b>	<b>Units</b>								
<b>Volatiles Organic Compounds</b>									
Acetone	mg/L	0.0023 J	0.0032 J	0.0028 J	0.0021 J	0.0019 J	0.0036 J	0.0014 J	0.0025 J
Benzene	mg/L	0.00015 J	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.0028	0.0027	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.0008 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0011	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.019	0.018	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.0024	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00048 J	0.0029
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.00018 J	0.00018 J	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>		<i>Equipment Blank</i>	<i>Equipment Blank</i>	<i>Equipment Blank</i>	<i>Equipment Blank</i>	<i>Equipment Blank</i>	<i>Equipment Blank</i>	<i>Trip Blank</i>	<i>Trip Blank</i>
<i>Sample ID:</i>		<i>RB-041013-SM-002</i>	<i>RB-041213-SM-001</i>	<i>RB-102313-SM-010</i>	<i>RB-102413-SM-024</i>	<i>RB-102513-SM-032</i>	<i>RB-102913-SM-041</i>	<i>TB-040913-SM-001</i>	<i>TB-041213-SM-002</i>
<i>Sample Date:</i>		<i>4/10/2013</i>	<i>4/12/2013</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/29/2013</i>	<i>4/9/2013</i>	<i>4/12/2013</i>
<b><i>Volatile Organic Compounds (Continued)</i></b>									
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.00041 J	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

**Notes:**

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

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

<i>Sample Location:</i>		<i>Trip Blank</i>	<i>Trip Blank</i>	<i>Trip Blank</i>	<i>Trip Blank</i>
<i>Sample ID:</i>		<i>TB-102313-SM-018</i>	<i>TB-102413-SM-027</i>	<i>TB-102813-SM-038</i>	<i>TB-102913-SM-049</i>
<i>Sample Date:</i>		<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/28/2013</i>	<i>10/29/2013</i>
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
Acetone	mg/L	0.0071 J	0.0079 J	0.007 J	0.0089 J
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.0016	0.0016
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U

TABLE 6

SUMMARY OF GROUNDWATER ANALYTICAL DATA - VOCs  
 2013 ANNUAL MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

<i>Sample Location:</i>				
<i>Sample ID:</i>	<i>Trip Blank</i>	<i>Trip Blank</i>	<i>Trip Blank</i>	<i>Trip Blank</i>
<i>Sample Date:</i>	<i>TB-102313-SM-018</i>	<i>TB-102413-SM-027</i>	<i>TB-102813-SM-038</i>	<i>TB-102913-SM-049</i>
	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/28/2013</i>	<i>10/29/2013</i>

**Volatile Organic Compounds (Continued)**

1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrchloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U

**Notes:**

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

TABLE 7

**SUMMARY OF SURFACE WATER ANALYTICAL DATA - VOCs**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER LING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<b>Sample Location:</b>		<b>Pond Intake</b>	<b>Pond Intake</b>	<b>Pond Intake</b>	<b>Pond North</b>	<b>Pond North</b>	<b>Pond North</b>	<b>Pond North</b>	<b>Trip Blank</b>
<b>Sample ID:</b>		<b>SW-041213-SM-002</b>	<b>SW-071713-SM-003</b>	<b>SW-102913-SM-043</b>	<b>SW-041213-SM-001</b>	<b>SW-071713-SM-001</b>	<b>SW-071713-SM-002</b>	<b>SW-102913-SM-045</b>	<b>TB-071713-SM-001</b>
<b>Sample Date:</b>		<b>4/12/2013</b>	<b>7/17/2013</b>	<b>10/29/2013</b>	<b>4/12/2013</b>	<b>7/17/2013</b>	<b>7/17/2013</b>	<b>10/29/2013</b>	<b>7/17/2013</b>
<b>Parameters:</b>	<b>Units</b>						<b>(Duplicate)</b>		
<b>Volatile Organic Compounds</b>									
Acetone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.0018 J
Benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane (Methyl bromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone (Methyl ethyl ketone) (MEK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbon disulfide	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform (Trichloromethane)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane (Methyl chloride)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromo-3-chloropropane (DBCP)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dibromochloromethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane (Ethylene dibromide)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,3-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,4-Dichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dichlorodifluoromethane (CFC-12)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	mg/L	0.00033 J	0.0009 J	0.001 U	0.00057 J	0.0017	0.0016	0.001 U	0.001 U
1,2-Dichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,2-Dichloroethene	mg/L	0.0066	0.017	0.0068 U	0.013	0.032	0.032	0.0063 U	0.001 U
trans-1,2-Dichloroethene	mg/L	0.00023 J	0.00062 J	0.0002 J	0.00049 J	0.001	0.0011	0.00025 J	0.001 U
1,2-Dichloropropane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Hexanone	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

TABLE 7

SUMMARY OF SURFACE WATER ANALYTICAL DATA - VOCs  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Sample Location:		Pond Intake	Pond Intake	Pond Intake	Pond North	Pond North	Pond North	Pond North	Trip Blank
Sample ID:		SW-041213-SM-002	SW-071713-SM-003	SW-102913-SM-043	SW-041213-SM-001	SW-071713-SM-001	SW-071713-SM-002	SW-102913-SM-045	TB-071713-SM-001
Sample Date:		4/12/2013	7/17/2013	10/29/2013	4/12/2013	7/17/2013	7/17/2013 (Duplicate)	10/29/2013	7/17/2013
Parameters:	Units								
<b>Volatile Organic Compounds (Continued)</b>									
Isopropyl benzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl acetate	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methyl cyclohexane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methyl tert butyl ether (MTBE)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	mg/L	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Methylene chloride	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2,4-Trichlorobenzene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,1-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichlorofluoromethane (CFC-11)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trifluorotrichloroethane (Freon 113)	mg/L	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	mg/L	0.0046	0.0048	0.0022	0.0081	0.014	0.014	0.0033	0.001 U
Xylenes (total)	mg/L	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U	0.002 U

**Notes:**

J - Estimated concentration.

U - Not present at or above the associated value.

TABLE 8

**SUMMARY OF GROUNDWATER ANALYTICAL DATA - METALS  
2013 ANNUAL MONITORING REPORT  
2915 DR. MARTIN LUTHER LING JR. BOULEVARD,  
ANDERSON, INDIANA**

<i>Sample Location:</i>		<i>MW 29</i>	<i>MW 59</i>	<i>MW 84</i>	<i>MW 84</i>
<i>Sample ID:</i>		<i>GW-041013-SM-017</i>	<i>GW-041013-SM-020</i>	<i>GW-041013-SM-018</i>	<i>GW-041013-SM-019</i>
<i>Sample Date:</i>		<i>4/10/2013</i>	<i>4/10/2013</i>	<i>4/10/2013</i>	<i>4/10/2013</i> <i>(Duplicate)</i>
<i>Parameters:</i>	<i>Units</i>				
<b>Metals</b>					
Chromium (dissolved)	mg/L	0.005 U	0.005 U	0.005 U	0.005 U
Chromium VI (hexavalent) (dissolved)	mg/L	0.020 U	0.020 U	0.020 U	0.020 U
Copper (dissolved)	mg/L	0.025 U	0.025 U	0.025 U	0.025 U
Lead (dissolved)	mg/L	0.003 U	0.003 U	0.003 U	0.003 U
Nickel (dissolved)	mg/L	0.04 U	0.04 U	0.04 U	0.04 U
Zinc (dissolved)	mg/L	0.05 U	0.05 U	0.05 U	0.05 U

**Notes:**

U - Not present at or above the associated value.

TABLE 9

**PRELIMINARY SCREENING FOR ANAEROBIC BIODEGRADATION PROCESSES**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER LING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analysis</i>	<i>Concentration in Most Contaminated Zone</i>	<i>Value</i>	<i>Score at MW 40</i>	<i>Score at MW 31R</i>	<i>Score at MW 3</i>
Oxygen*	<0.5 mg/L	3	3	3	3
	>5mg/L	-3			
Nitrate*	< 1 mg/L	2	2	2	0
Ferrous Iron*	> 1 mg/L	3	3	3	0
Sulfide*	>1mg/L	3	3	3	3
Methane*	<0.5 mg/L	0	0	0	0
	>0.5mg/L	3			
ORP*	<50 mV	1	1	2	0
	<-100mV	2			
pH*	5 < pH < 9	0	0	0	0
	5 > pH >9	-2			
TOC	> 20 mg/L	2	0	0	0
Alkalinity	>2x background	1	0	0	0
Chloride*	>2x background	2	2	2	0
DCE*	Material released	0	2	2	2
	Daughter product of TCE	2			
VC*	Material released	0	2	2	2
	Daughter product of DCE	2			
Ethene/Ethane	>0.01mg/L	2	0	3	0
	>0.1 mg/L	3			
Total Points Awarded			18	22	10

**Notes:**

\* required

Score interpretation:

Score 0 to 5 means there is inadequate evidence for anaerobic diodegradation

Score 6 to 14 means there is limited evidence for anaerobic diodegradation

Score 15 to 20 means there is adequate evidence for anaerobic diodegradation

Score &gt; 20 means there is strong evidence for anaerobic diodegradation (U.S. EPA, 1998)

**Reference:**

U.S. EPA. 1998. Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water, Office of research and Development, Washington, DC. EPA/600/R-98/128. September.



TABLE 10

**TREND TEST SUMMARY**  
**2013 ANNUAL MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

Location	Units	Date Range	Analyte		
			TCE	cis-1,2-DCE	Vinyl chloride
MW-2	mg/L	2007 -- 2013	--	--	--
MW 3	mg/L	2005 -- 2013	NT or Decreasing	NT or Decreasing	NT or Decreasing <sup>(1)</sup>
MW-4	mg/L	2005 -- 2013	--	<b>Increasing</b>	NT or Decreasing
MW 8	mg/L	2005 -- 2013	NT or Decreasing	NT or Decreasing	NT or Decreasing
MW 12	mg/L	2005 -- 2013	NT or Decreasing	NT or Decreasing	--
MW 14	mg/L	2005 -- 2013	--	NT or Decreasing	NT or Decreasing
MW 28	mg/L	2005 -- 2013	--	--	NT or Decreasing
MW 31R	mg/L	2005 -- 2013	NT or Decreasing <sup>(1)</sup>	NT or Decreasing	NT or Decreasing
MW 37	mg/L	2005 -- 2013	--	--	--
MW 40	mg/L	2005 -- 2013	--	NT or Decreasing	NT or Decreasing
MW 41	mg/L	2005 -- 2013	--	NT or Decreasing	<b>Increasing</b>
MW 42	mg/L	2005 -- 2013	--	NT or Decreasing	NT or Decreasing
MW 46	mg/L	2005 -- 2013	--	--	--
MW 49	mg/L	2005 -- 2013	--	<b>Increasing</b>	NT or Decreasing
MW 51	mg/L	2008 -- 2013	NT or Decreasing	NT or Decreasing	--
MW 56	mg/L	2005 -- 2013	--	--	--
MW 57	mg/L	2005 -- 2013	--	--	--
MW 58	mg/L	2005 -- 2013	--	--	<b>Increasing</b>
MW 61	mg/L	2005 -- 2013	--	--	--
MW 64	mg/L	2005 -- 2013	--	--	<b>Increasing</b>
MW 65	mg/L	2005 -- 2013	--	NT or Decreasing	--
MW 66	mg/L	2005 -- 2013	--	--	<b>Increasing</b>
MW 68	mg/L	2005 -- 2013	<b>Increasing</b>	NT or Decreasing	NT or Decreasing
MW 75	mg/L	2005 -- 2013	--	--	--
MW 76	mg/L	2005 -- 2013	--	--	--
MW 79	mg/L	2005 -- 2013	--	<b>Increasing</b>	NT or Decreasing
MW 80	mg/L	2005 -- 2013	--	--	NT or Decreasing
MW 81	mg/L	2005 -- 2013	--	--	<b>Increasing</b>
MW 82	mg/L	2005 -- 2013	--	--	--
MW 83	mg/L	2005 -- 2013	--	--	--
MW 85	mg/L	2008 -- 2013	--	--	<b>Increasing</b>
MW 86	mg/L	2010 -- 2013	--	--	--
MW 88	mg/L	2010 -- 2013	--	--	--
MW 89-11	mg/L	2011 -- 2013	--	--	--
Pond Intake	mg/L	2005 -- 2013	--	--	--
Pond North	mg/L	2005 -- 2013	--	--	--

**Notes:**

<sup>(1)</sup> Trend test was calculated using detected values only, due to elevated detection limits for non-detects.

-- Trend test not performed due to insufficient data (fewer than 4 points) or infrequent detections (i.e., fewer than 75 percent detects).

NT or Decreasing - A statistically-significant (90 percent confidence) increasing trend was not found.

Analyte concentrations may be stable or decreasing over time. (Per approved Monitoring Plan, a 1-sided test is performed).

# Appendix A

## Data Quality Assessment and Validation Reports

# Appendix A.1

## April 2013 Data Validation Report



---

## MEMORANDUM

---

TO: Shannon Richardson REF. NO.: 017302-T07

FROM: Deborah Andrasko/eew/42 *ADA* DATE: June 4, 2013

C.C.: Rob Catallo E-Mail and Hard Copy if Requested

RE: **Analytical Results and Reduced Validation  
Site-Wide Groundwater Monitoring  
RACER Trust  
MLK Boulevard Facility  
Anderson, Indiana  
April 2013**

---

### INTRODUCTION

The following document details a reduced validation of analytical results for groundwater samples collected in support of the Site-wide Groundwater Monitoring Program at the MLK Boulevard Facility in Anderson, Indiana during April 2013. Samples were submitted to TestAmerica Laboratory, located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology and holding time criteria is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes; and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and the documents entitled:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review," USEPA 504/R-094-013, February 1994
- iii) "Quality Assurance Project Plan (QAPP) for the Resource Conservation and Recovery Act (RCRA) Facility Investigation at GM Anderson, Indiana Facility", IND 980 700 801, Revision 2, October 14, 1997.

Items i) and ii) will subsequently be referred to as the "Guidelines" in this Memorandum.

### SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved and delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

### LABORATORY METHOD BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, with the exception of low concentrations of benzene, methylene chloride and zinc. Associated samples with similar results were qualified as non-detect (see Table 4).

### SURROGATE SPIKE RECOVERIES - VOLATILE ANALYSES

In accordance with the methods employed, all samples, blanks and QC samples analyzed for organics are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

### LABORATORY CONTROL SAMPLE (LCS) ANALYSES

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of one per analytical batch.

#### Volatile Analyses

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, with the exception of high trichlorofluoromethane recoveries. All associated sample results were non-detect and would not be impacted by the indicated high bias.

Inorganic Analyses

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analytes of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

Volatile Analyses

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, with the following exceptions:

- i) High recoveries reported for trichlorofluoromethane in all the MS/MSD samples. All associated sample results were non-detect and would not be impacted by the indicated high bias.
- ii) The MS for sample GW-041213-SM-023 had poor recoveries for most compounds. The MSD recoveries were acceptable for all compounds indicating the poor MS recoveries were anomalous and the associated sample results did not require qualification on this basis.

Inorganic Analyses

The MS/MSD samples were spiked with the analytes of interest and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits, demonstrating acceptable analytical accuracy and precision.

FIELD QA/QC SAMPLES

The field QA/QC consisted of 2 trip blank samples, 3 rinse blank samples, and 4 field duplicate sample sets.

Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, the trip blanks were submitted to the laboratory for volatile organic compound (VOC) analysis. All results were non-detect for the compounds of interest with the exception of low concentrations of acetone and methylene chloride. Associated samples with similar methylene chloride results were previously qualified as non-detect for method blank contamination. Associated samples with similar acetone results were qualified as non-detect (see Table 5).

Rinse Blank Sample Analysis

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of low concentrations of acetone, chloroform, benzene,

2-butanone and bromodichloromethane. All associated samples were either non-detect or previously qualified as non-detect for method blank or trip blank contamination and did not require further qualification.

#### Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

#### ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the practical quantitation limit (PQL) but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

#### CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted.

**TABLE 1**  
**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST**  
**MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**APRIL 2013**

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date</i> <i>(mm/dd/yyyy)</i>	<i>Collection Time</i> <i>(hr:min)</i>	<i>Analysis</i>			<i>Comments</i>
					<i>Volatiles</i>	<i>Metals (dissolved)</i>	<i>Hexavalent Chromium</i>	
GW-040913-SM-001	MW 42	Water	04/09/2013	8:45	X			
GW-040913-SM-002	MW 41	Water	04/09/2013	9:20	X			
GW-040913-SM-003	MW 40	Water	04/09/2013	10:00	X			
GW-040913-SM-004	MW 50	Water	04/09/2013	10:40	X			
GW-040913-SM-005	MW 79	Water	04/09/2013	11:20	X			
GW-040913-SM-006	MW 8	Water	04/09/2013	12:00	X			
GW-040913-SM-007	MW 14	Water	04/09/2013	12:45	X			
GW-040913-SM-008	MW 14	Water	04/09/2013	12:50	X			Field duplicate of GW-040913-SM-007
GW-040913-SM-009	MW 3	Water	04/09/2013	13:25	X			MS/MSD
GW-040913-SM-010	MW 31R	Water	04/09/2013	14:16	X			
GW-040913-SM-011	MW 12	Water	04/09/2013	15:15	X			MS/MSD
TB-040912-SM-001	-	Water	04/09/2013	-	X			Trip blank
RB-040913-SM-001	-	Water	04/10/2013	12:45	X			Rinse blank
GW-041013-SM-012	MW 49	Water	04/10/2013	9:00	X			
GW-041013-SM-013	MW 66	Water	04/10/2013	10:00	X			
GW-041013-SM-014	MW 68	Water	04/10/2013	10:40	X			
GW-041013-SM-015	MW 68	Water	04/10/2013	10:45	X			Field duplicate of GW-041013-SM-014
GW-041013-SM-016	MW 28	Water	04/10/2013	11:43	X			
GW-041013-SM-017	MW 29	Water	04/10/2013	12:25	X	X	X	
GW-041013-SM-018	MW 84	Water	04/10/2013	13:12	X	X	X	



**TABLE 1**  
**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST**  
**MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**APRIL 2013**

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date</i> <i>(mm/dd/yyyy)</i>	<i>Collection Time</i> <i>(hr:min)</i>	<i>Analysis</i>			<i>Comments</i>
					<i>Volatiles</i>	<i>Metals (dissolved)</i>	<i>Hexavalent Chromium</i>	
GW-041013-SM-019	MW 84	Water	04/10/2013	13:20	X	X		Field duplicate of GW-041013-SM-018
GW-041013-SM-020	MW 59	Water	04/10/2013	14:15	X	X	X	MS/MSD (inorganics only)
RB-041013-SM-002	-	Water	04/11/2013	10:50	X			Rinse blank
GW-041213-SM-021	MW 89-11	Water	04/12/2013	8:45	X			--
GW-041213-SM-022	MW 89-11	Water	04/12/2013	8:50	X			Field duplicate of GW-041213-SM-021
SW-041212-SM-001	Culvert 1	Water	04/12/2013	10:00	X			
GW-041213-SM-023	MW-4	Water	04/12/2013	10:45	X			MS/MSD
GW-041213-SM-024	MW 85	Water	04/12/2013	11:45	X			
TB-041213-SM-002	-	Water	04/12/2013	-	X			Trip blank
SW-041212-SM-002	Pond (Intake)	Water	04/12/2013	11:00	X			
RB-041213-SM-003	-	Water	04/12/2013	11:50	X			Rinse blank

## Notes:

- Not applicable.
- MS Matrix spike.
- MSD Matrix spike duplicate.

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 3	MW 8	MW 12	MW 14	MW 14
<i>Sample ID:</i>	GW-040913-SM-009	GW-040913-SM-006	GW-040913-SM-011	GW-040913-SM-007	GW-040913-SM-008
<i>Sample Date:</i>	4/9/2013	4/9/2013	4/9/2013	4/9/2013	4/9/2013
<i>Matrix_Code</i>	WG	WG	WG	WG	WG (Duplicate)
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds</i>					
1,1,1-Trichloroethane	µg/L	590	170 U	10 U	170 U
1,1,2,2-Tetrachloroethane	µg/L	500 U	170 U	10 U	170 U
1,1,2-Trichloroethane	µg/L	500 U	170 U	10 U	170 U
1,1-Dichloroethane	µg/L	310 J	39 J	10 U	37 J
1,1-Dichloroethene	µg/L	180 J	170 U	10 U	170 U
1,2,4-Trichlorobenzene	µg/L	500 U	170 U	10 U	170 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1000 U	330 U	20 U	330 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	500 U	170 U	10 U	170 U
1,2-Dichlorobenzene	µg/L	500 U	170 U	10 U	170 U
1,2-Dichloroethane	µg/L	500 U	170 U	10 U	170 U
1,2-Dichloropropane	µg/L	500 U	170 U	10 U	170 U
1,3-Dichlorobenzene	µg/L	500 U	170 U	10 U	170 U
1,4-Dichlorobenzene	µg/L	500 U	170 U	10 U	170 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5000 U	1700 U	100 U	1700 U
2-Hexanone	µg/L	5000 U	1700 U	100 U	1700 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5000 U	1700 U	100 U	1700 U
Acetone	µg/L	5000 U	1700 U	100 U	1700 U
Benzene	µg/L	500 U	170 U	10 U	170 U
Bromodichloromethane	µg/L	500 U	170 U	10 U	170 U
Bromoform	µg/L	500 U	170 U	10 U	170 U
Bromomethane (Methyl bromide)	µg/L	500 U	170 U	10 U	170 U
Carbon disulfide	µg/L	500 U	170 U	10 U	170 U
Carbon tetrachloride	µg/L	500 U	170 U	10 U	170 U
Chlorobenzene	µg/L	500 U	170 U	10 U	170 U
Chloroethane	µg/L	500 U	170 U	10 U	170 U
Chloroform (Trichloromethane)	µg/L	500 U	170 U	10 U	170 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 3	MW 8	MW 12	MW 14	MW 14
<i>Sample ID:</i>	GW-040913-SM-009	GW-040913-SM-006	GW-040913-SM-011	GW-040913-SM-007	GW-040913-SM-008
<i>Sample Date:</i>	4/9/2013	4/9/2013	4/9/2013	4/9/2013	4/9/2013
<i>Matrix_Code</i>	WG	WG	WG	WG	WG (Duplicate)
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds (Continued)</i>					
Chloromethane (Methyl chloride)	µg/L	500 U	170 U	10 U	170 U
cis-1,2-Dichloroethene	µg/L	6200	3500	210	3600
cis-1,3-Dichloropropene	µg/L	500 U	170 U	10 U	170 U
Cyclohexane	µg/L	500 U	170 U	10 U	170 U
Dibromochloromethane	µg/L	500 U	170 U	10 U	170 U
Dichlorodifluoromethane (CFC-12)	µg/L	500 U	170 U	10 U	170 U
Ethylbenzene	µg/L	500 U	170 U	10 U	170 U
Isopropyl benzene	µg/L	500 U	170 U	10 U	170 U
Methyl acetate	µg/L	5000 U	1700 U	100 U	1700 U
Methyl cyclohexane	µg/L	500 U	170 U	10 U	170 U
Methyl tert butyl ether (MTBE)	µg/L	500 U	170 U	10 U	170 U
Methylene chloride	µg/L	500 U	170 U	10 U	170 U
Styrene	µg/L	500 U	170 U	10 U	170 U
Tetrachloroethene	µg/L	500 U	170 U	10 U	170 U
Toluene	µg/L	500 U	170 U	10 U	170 U
trans-1,2-Dichloroethene	µg/L	500 U	170 U	2.5 J	170 U
trans-1,3-Dichloropropene	µg/L	500 U	170 U	10 U	170 U
Trichloroethene	µg/L	13000	120 J	5.9 J	170 U
Trichlorofluoromethane (CFC-11)	µg/L	500 U	170 U	10 U	170 U
Trifluorotrchloroethane (Freon 113)	µg/L	500 U	170 U	10 U	170 U
Vinyl chloride	µg/L	500 U	1500	10 U	180
Xylenes (total)	µg/L	1000 U	330 U	20 U	330 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

		MW 3	MW 8	MW 12	MW 14	MW 14
<i>Sample Location:</i>						
<i>Sample ID:</i>		GW-040913-SM-009	GW-040913-SM-006	GW-040913-SM-011	GW-040913-SM-007	GW-040913-SM-008
<i>Sample Date:</i>		4/9/2013	4/9/2013	4/9/2013	4/9/2013	4/9/2013
<i>Matrix_Code</i>		WG	WG	WG	WG	WG (Duplicate)
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Chromium (dissolved)	µg/L	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	mg/L	-	-	-	-	-
Copper (dissolved)	µg/L	-	-	-	-	-
Lead (dissolved)	µg/L	-	-	-	-	-
Nickel (dissolved)	µg/L	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 28	MW 29	MW 31R	MW 40	MW 41	
<i>Sample ID:</i>	GW-041013-SM-016	GW-041013-SM-017	GW-040913-SM-010	GW-040913-SM-003	GW-040913-SM-002	
<i>Sample Date:</i>	4/10/2013	4/10/2013	4/9/2013	4/9/2013	4/9/2013	
<i>Matrix_Code</i>	WG	WG	WG	WG	WG	
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	6.7 U	1.0 U	70 J	250 U	200 U
1,1,2,2-Tetrachloroethane	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,1,2-Trichloroethane	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,1-Dichloroethane	µg/L	6.7 U	1.0 U	260	250	200 U
1,1-Dichloroethene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,2,4-Trichlorobenzene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	13 U	2.0 U	500 U	500 U	400 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,2-Dichlorobenzene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,2-Dichloroethane	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,2-Dichloropropane	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,3-Dichlorobenzene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
1,4-Dichlorobenzene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	67 U	10 U	2500 U	2500 U	2000 U
2-Hexanone	µg/L	67 U	10 U	2500 U	2500 U	2000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	67 U	10 U	2500 U	2500 U	2000 U
Acetone	µg/L	67 U	10 U	2500 U	2500 U	2000 U
Benzene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Bromodichloromethane	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Bromoform	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Bromomethane (Methyl bromide)	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Carbon disulfide	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Carbon tetrachloride	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Chlorobenzene	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Chloroethane	µg/L	6.7 U	1.0 U	250 U	250 U	200 U
Chloroform (Trichloromethane)	µg/L	6.7 U	1.0 U	250 U	250 U	200 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 28	MW 29	MW 31R	MW 40	MW 41
<i>Sample ID:</i>	GW-041013-SM-016	GW-041013-SM-017	GW-040913-SM-010	GW-040913-SM-003	GW-040913-SM-002
<i>Sample Date:</i>	4/10/2013	4/10/2013	4/9/2013	4/9/2013	4/9/2013
<i>Matrix_Code</i>	WG	WG	WG	WG	WG
<i>Parameters:</i>	<i>Units</i>				
<i>Volatile Organic Compounds (Continued)</i>					
Chloromethane (Methyl chloride)	µg/L	6.7 U	1.0 U	250 U	200 U
cis-1,2-Dichloroethene	µg/L	130	1.0 U	8300	6300
cis-1,3-Dichloropropene	µg/L	6.7 U	1.0 U	250 U	200 U
Cyclohexane	µg/L	6.7 U	1.0 U	250 U	200 U
Dibromochloromethane	µg/L	6.7 U	1.0 U	250 U	200 U
Dichlorodifluoromethane (CFC-12)	µg/L	6.7 U	1.0 U	250 U	200 U
Ethylbenzene	µg/L	6.7 U	1.0 U	760	200 U
Isopropyl benzene	µg/L	6.7 U	1.0 U	250 U	200 U
Methyl acetate	µg/L	67 U	10 U	2500 U	2000 U
Methyl cyclohexane	µg/L	6.7 U	1.0 U	250 U	200 U
Methyl tert butyl ether (MTBE)	µg/L	6.7 U	1.0 U	250 U	200 U
Methylene chloride	µg/L	6.7 U	1.0 U	250 U	200 U
Styrene	µg/L	6.7 U	1.0 U	250 U	200 U
Tetrachloroethene	µg/L	6.7 U	1.0 U	250 U	200 U
Toluene	µg/L	6.7 U	1.0 U	2100	200 U
trans-1,2-Dichloroethene	µg/L	6.7 U	1.0 U	250 U	130 J
trans-1,3-Dichloropropene	µg/L	6.7 U	1.0 U	250 U	200 U
Trichloroethene	µg/L	6.7 U	1.0 U	57 J	130 J
Trichlorofluoromethane (CFC-11)	µg/L	6.7 U	1.0 U	250 U	200 U
Trifluorotrchloroethane (Freon 113)	µg/L	6.7 U	1.0 U	250 U	200 U
Vinyl chloride	µg/L	170	1.0 U	1300	610
Xylenes (total)	µg/L	13 U	2.0 U	1200	400 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

	<i>Sample Location:</i>	<i>MW 28</i>	<i>MW 29</i>	<i>MW 31R</i>	<i>MW 40</i>	<i>MW 41</i>
	<i>Sample ID:</i>	GW-041013-SM-016	GW-041013-SM-017	GW-040913-SM-010	GW-040913-SM-003	GW-040913-SM-002
	<i>Sample Date:</i>	4/10/2013	4/10/2013	4/9/2013	4/9/2013	4/9/2013
	<i>Matrix_Code</i>	WG	WG	WG	WG	WG
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Chromium (dissolved)	µg/L	-	5.0 U	-	-	-
Chromium VI (hexavalent) (dissolved)	mg/L	-	0.020 U	-	-	-
Copper (dissolved)	µg/L	-	25 U	-	-	-
Lead (dissolved)	µg/L	-	3.0 U	-	-	-
Nickel (dissolved)	µg/L	-	40 U	-	-	-
Zinc (dissolved)	µg/L	-	50 U	-	-	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 42	MW 49	MW 51	MW 59	MW 66	
<i>Sample ID:</i>	GW-040913-SM-001	GW-041013-SM-012	GW-040913-SM-004	GW-041013-SM-020	GW-041013-SM-013	
<i>Sample Date:</i>	4/9/2013	4/10/2013	4/9/2013	4/10/2013	4/10/2013	
<i>Matrix_Code</i>	WG	WG	WG	WG	WG	
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,1,2,2-Tetrachloroethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,1,2-Trichloroethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,1-Dichloroethane	µg/L	41 J	33 U	8.0 U	1.0 U	23
1,1-Dichloroethene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,2,4-Trichlorobenzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	400 U	67 U	16 U	2.0 U	33 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,2-Dichlorobenzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,2-Dichloroethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,2-Dichloropropane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,3-Dichlorobenzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
1,4-Dichlorobenzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	2000 U	330 U	80 U	10 U	170 U
2-Hexanone	µg/L	2000 U	330 U	80 U	10 U	170 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	2000 U	330 U	80 U	10 U	170 U
Acetone	µg/L	2000 U	330 U	80 U	10 U	170 U
Benzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Bromodichloromethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Bromoform	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Bromomethane (Methyl bromide)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Carbon disulfide	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Carbon tetrachloride	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Chlorobenzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Chloroethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Chloroform (Trichloromethane)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U



TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 42	MW 49	MW 51	MW 59	MW 66	
<i>Sample ID:</i>	GW-040913-SM-001	GW-041013-SM-012	GW-040913-SM-004	GW-041013-SM-020	GW-041013-SM-013	
<i>Sample Date:</i>	4/9/2013	4/10/2013	4/9/2013	4/10/2013	4/10/2013	
<i>Matrix_Code</i>	WG	WG	WG	WG	WG	
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
Chloromethane (Methyl chloride)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
cis-1,2-Dichloroethene	µg/L	5200	740	7.6 J	1.0 U	360
cis-1,3-Dichloropropene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Cyclohexane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Dibromochloromethane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Dichlorodifluoromethane (CFC-12)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Ethylbenzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Isopropyl benzene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Methyl acetate	µg/L	2000 U	330 U	80 U	10 U	170 U
Methyl cyclohexane	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Methyl tert butyl ether (MTBE)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Methylene chloride	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Styrene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Tetrachloroethene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Toluene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
trans-1,2-Dichloroethene	µg/L	190 J	16 J	8.0 U	1.0 U	36
trans-1,3-Dichloropropene	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Trichloroethene	µg/L	200 U	33 U	210	1.0 U	17 U
Trichlorofluoromethane (CFC-11)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Trifluorotrchloroethane (Freon 113)	µg/L	200 U	33 U	8.0 U	1.0 U	17 U
Vinyl chloride	µg/L	140 J	27 J	3.0 J	1.0 U	300
Xylenes (total)	µg/L	400 U	67 U	16 U	2.0 U	33 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

		<i>MW 42</i>	<i>MW 49</i>	<i>MW 51</i>	<i>MW 59</i>	<i>MW 66</i>
<i>Sample Location:</i>						
<i>Sample ID:</i>		GW-040913-SM-001	GW-041013-SM-012	GW-040913-SM-004	GW-041013-SM-020	GW-041013-SM-013
<i>Sample Date:</i>		4/9/2013	4/10/2013	4/9/2013	4/10/2013	4/10/2013
<i>Matrix_Code</i>		WG	WG	WG	WG	WG
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Chromium (dissolved)	µg/L	-	-	-	5.0 U	-
Chromium VI (hexavalent) (dissolved)	mg/L	-	-	-	0.020 U	-
Copper (dissolved)	µg/L	-	-	-	25 U	-
Lead (dissolved)	µg/L	-	-	-	3.0 U	-
Nickel (dissolved)	µg/L	-	-	-	40 U	-
Zinc (dissolved)	µg/L	-	-	-	50 U	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

	<i>Sample Location:</i>	MW 68	MW 68	MW 79	MW 84	MW 84
	<i>Sample ID:</i>	GW-041013-SM-014	GW-041013-SM-015	GW-040913-SM-005	GW-041013-SM-018	GW-041013-SM-019
	<i>Sample Date:</i>	4/10/2013	4/10/2013	4/9/2013	4/10/2013	4/10/2013
	<i>Matrix_Code</i>	WG	WG (Duplicate)	WG	WG	WG (Duplicate)
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	250 U	250 U	83 U	1.0 U	-
1,1,2,2-Tetrachloroethane	µg/L	250 U	250 U	83 U	1.0 U	-
1,1,2-Trichloroethane	µg/L	250 U	250 U	83 U	1.0 U	-
1,1-Dichloroethane	µg/L	160 J	150 J	83 U	1.0 U	-
1,1-Dichloroethene	µg/L	250 U	250 U	83 U	1.0 U	-
1,2,4-Trichlorobenzene	µg/L	250 U	250 U	83 U	1.0 U	-
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	500 U	500 U	170 U	2.0 U	-
1,2-Dibromoethane (Ethylene dibromide)	µg/L	250 U	250 U	83 U	1.0 U	-
1,2-Dichlorobenzene	µg/L	250 U	250 U	83 U	1.0 U	-
1,2-Dichloroethane	µg/L	250 U	250 U	83 U	1.0 U	-
1,2-Dichloropropane	µg/L	250 U	250 U	83 U	1.0 U	-
1,3-Dichlorobenzene	µg/L	250 U	250 U	83 U	1.0 U	-
1,4-Dichlorobenzene	µg/L	250 U	250 U	83 U	1.0 U	-
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	2500 U	2500 U	830 U	10 U	-
2-Hexanone	µg/L	2500 U	2500 U	830 U	10 U	-
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	2500 U	2500 U	830 U	10 U	-
Acetone	µg/L	2500 U	2500 U	830 U	10 U	-
Benzene	µg/L	250 U	250 U	83 U	1.0 U	-
Bromodichloromethane	µg/L	250 U	250 U	83 U	1.0 U	-
Bromoform	µg/L	250 U	250 U	83 U	1.0 U	-
Bromomethane (Methyl bromide)	µg/L	250 U	250 U	83 U	1.0 U	-
Carbon disulfide	µg/L	250 U	250 U	83 U	1.0 U	-
Carbon tetrachloride	µg/L	250 U	250 U	83 U	1.0 U	-
Chlorobenzene	µg/L	250 U	250 U	83 U	1.0 U	-
Chloroethane	µg/L	250 U	250 U	83 U	1.0 U	-
Chloroform (Trichloromethane)	µg/L	250 U	250 U	83 U	1.0 U	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 68	MW 68	MW 79	MW 84	MW 84	
<i>Sample ID:</i>	GW-041013-SM-014	GW-041013-SM-015	GW-040913-SM-005	GW-041013-SM-018	GW-041013-SM-019	
<i>Sample Date:</i>	4/10/2013	4/10/2013	4/9/2013	4/10/2013	4/10/2013	
<i>Matrix_Code</i>	WG	WG (Duplicate)	WG	WG	WG (Duplicate)	
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
Chloromethane (Methyl chloride)	µg/L	250 U	250 U	83 U	1.0 U	-
cis-1,2-Dichloroethene	µg/L	6400	6100	1900	1.0 U	-
cis-1,3-Dichloropropene	µg/L	250 U	250 U	83 U	1.0 U	-
Cyclohexane	µg/L	250 U	250 U	83 U	1.0 U	-
Dibromochloromethane	µg/L	250 U	250 U	83 U	1.0 U	-
Dichlorodifluoromethane (CFC-12)	µg/L	250 U	250 U	83 U	1.0 U	-
Ethylbenzene	µg/L	250 U	250 U	83 U	1.0 U	-
Isopropyl benzene	µg/L	250 U	250 U	83 U	1.0 U	-
Methyl acetate	µg/L	2500 U	2500 U	830 U	10 U	-
Methyl cyclohexane	µg/L	250 U	250 U	83 U	1.0 U	-
Methyl tert butyl ether (MTBE)	µg/L	250 U	250 U	83 U	1.0 U	-
Methylene chloride	µg/L	250 U	250 U	83 U	1.0 U	-
Styrene	µg/L	250 U	250 U	83 U	1.0 U	-
Tetrachloroethene	µg/L	250 U	250 U	83 U	1.0 U	-
Toluene	µg/L	250 U	250 U	83 U	1.0 U	-
trans-1,2-Dichloroethene	µg/L	140 J	130 J	83	1.0 U	-
trans-1,3-Dichloropropene	µg/L	250 U	250 U	83 U	1.0 U	-
Trichloroethene	µg/L	2100	1900	83 U	1.0 U	-
Trichlorofluoromethane (CFC-11)	µg/L	250 U	250 U	83 U	1.0 U	-
Trifluorotrchloroethane (Freon 113)	µg/L	250 U	250 U	83 U	1.0 U	-
Vinyl chloride	µg/L	210 J	190 J	150	1.0 U	-
Xylenes (total)	µg/L	500 U	500 U	170 U	2.0 U	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

	<i>Sample Location:</i>	<i>MW 68</i>	<i>MW 68</i>	<i>MW 79</i>	<i>MW 84</i>	<i>MW 84</i>
	<i>Sample ID:</i>	GW-041013-SM-014	GW-041013-SM-015	GW-040913-SM-005	GW-041013-SM-018	GW-041013-SM-019
	<i>Sample Date:</i>	4/10/2013	4/10/2013	4/9/2013	4/10/2013	4/10/2013
	<i>Matrix_Code</i>	WG	WG (Duplicate)	WG	WG	WG (Duplicate)
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Chromium (dissolved)	µg/L	-	-	-	5.0 U	5.0 U
Chromium VI (hexavalent) (dissolved)	mg/L	-	-	-	0.020 U	0.020 U
Copper (dissolved)	µg/L	-	-	-	25 U	25 U
Lead (dissolved)	µg/L	-	-	-	3.0 U	3.0 U
Nickel (dissolved)	µg/L	-	-	-	40 U	40 U
Zinc (dissolved)	µg/L	-	-	-	50 U	50 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 85	MW-4	MW89-11	MW89-11	Pond Intake	Pond North
<i>Sample ID:</i>	GW-041213-SM-024	GW-041213-SM-023	GW-041213-SM-021	GW-041213-SM-022	SW-041213-SM-002	SW-041213-SM-001
<i>Sample Date:</i>	4/12/2013	4/12/2013	4/12/2013	4/12/2013	4/12/2013	4/12/2013
<i>Matrix_Code</i>	WG	WG	WG	WG (Duplicate)	WS	WS
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds</i>						
1,1,1-Trichloroethane	µg/L	67 U	86 J	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	62 J	500	1.0 U	1.0 U	0.57 J
1,1-Dichloroethene	µg/L	67 U	76 J	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	18 J	330 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	130 U	670 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	670 U	3300 U	10 U	10 U	10 U
2-Hexanone	µg/L	670 U	3300 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	670 U	3300 U	10 U	10 U	10 U
Acetone	µg/L	670 U	3300 U	10 U	10 U	10 U
Benzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST  
MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
APRIL 2013**

<i>Sample Location:</i>	MW 85	MW-4	MW89-11	MW89-11	Pond Intake	Pond North
<i>Sample ID:</i>	GW-041213-SM-024	GW-041213-SM-023	GW-041213-SM-021	GW-041213-SM-022	SW-041213-SM-002	SW-041213-SM-001
<i>Sample Date:</i>	4/12/2013	4/12/2013	4/12/2013	4/12/2013	4/12/2013	4/12/2013
<i>Matrix_Code</i>	WG	WG	WG	WG (Duplicate)	WS	WS
<i>Parameters:</i>	<i>Units</i>					
<i>Volatile Organic Compounds (Continued)</i>						
Chloromethane (Methyl chloride)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1900	12000	1.0 U	1.0 U	6.6
cis-1,3-Dichloropropene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	670 U	3300 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	30 J	360	1.0 U	1.0 U	0.23 J
trans-1,3-Dichloropropene	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	67 U	740	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Trifluorotrchloroethane (Freon 113)	µg/L	67 U	330 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	690	440	1.0 U	1.0 U	4.6
Xylenes (total)	µg/L	130 U	670 U	2.0 U	2.0 U	2.0 U

TABLE 2

ANALYTICAL RESULTS SUMMARY  
 SITE-WIDE GROUNDWATER MONITORING  
 RACER TRUST  
 MLK BOULEVARD FACILITY  
 ANDERSON, INDIANA  
 APRIL 2013

<i>Sample Location:</i>	MW 85	MW-4	MW89-11	MW89-11	Pond Intake	Pond North
<i>Sample ID:</i>	GW-041213-SM-024	GW-041213-SM-023	GW-041213-SM-021	GW-041213-SM-022	SW-041213-SM-002	SW-041213-SM-001
<i>Sample Date:</i>	4/12/2013	4/12/2013	4/12/2013	4/12/2013	4/12/2013	4/12/2013
<i>Matrix_Code</i>	WG	WG	WG	WG (Duplicate)	WS	WS
<i>Parameters:</i>	<i>Units</i>					
<i>Metals</i>						
Chromium (dissolved)	µg/L	-	-	-	-	-
Chromium VI (hexavalent) (dissolved)	mg/L	-	-	-	-	-
Copper (dissolved)	µg/L	-	-	-	-	-
Lead (dissolved)	µg/L	-	-	-	-	-
Nickel (dissolved)	µg/L	-	-	-	-	-
Zinc (dissolved)	µg/L	-	-	-	-	-

Notes:

- J Estimated concentration.
- U Not present at the associated reporting limit.
- Not analyzed.



**TABLE 3**  
**SAMPLE CONTAINER, PRESERVATION, AND HOLDING TIME CRITERIA**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST**  
**MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**APRIL 2013**

<i>Parameter</i>	<i>Analytical Method</i>	<i>Holding Time</i>
Volatiles	8260B <sup>(1)</sup>	14 days from collection to analysis
SSPL Metals, dissolved	6010B <sup>(1)</sup>	180 days from collection to analysis
Hexavalent Chromium	7196A <sup>(1)</sup>	24 hours from collection to analysis

Notes

"Test Methods for Evaluating Solid Waste Physical/Chemical Methods", Third Edition, SW-846,

<sup>(1)</sup> September 1986 (with updates).

SSPL Site-specific parameter list.

**TABLE 4**  
**QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST**  
**MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**APRIL 2013**

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i> <sup>(1)</sup>	<i>Sample ID</i>	<i>Original Result</i>	<i>Qualified Sample Result</i>	<i>Units</i>
Volatiles	Benzene	4/16/13	176	GW-040913-SM-003	56 J	250 U	µg/L
			5.6	GW-040913-SM-004	2.2 J	8.0 U	µg/L
			118	GW-040913-SM-006	47 J	170 U	µg/L
			118	GW-040913-SM-007	25 J	170 U	µg/L
			118	GW-040913-SM-008	37 J	170 U	µg/L
			176	GW-040913-SM-010	33 J	250 U	µg/L
Volatiles	Benzene	4/17/13	330	GW-040913-SM-009	120 J	500 U	µg/L
			22	GW-041013-SM-012	6.9 J	33 U	µg/L
			165	GW-041013-SM-014	72 J	250 U	µg/L
			165	GW-041013-SM-015	39 J	250 U	µg/L
			4.6	GW-041013-SM-016	0.94 J	6.7 U	µg/L
			0.66	GW-041013-SM-018	0.26 J	1.0 U	µg/L
Volatiles	Methylene chloride	4/16/13	1720	GW-040913-SM-001	150 J	200 U	µg/L
			1720	GW-040913-SM-002	160 J	200 U	µg/L
			2140	GW-040913-SM-003	200 J	250 U	µg/L
			68	GW-040913-SM-004	5.7 J	8.0 U	µg/L
			710	GW-040913-SM-005	61 J	83 U	µg/L
			1430	GW-040913-SM-006	130 J	170 U	µg/L
			1430	GW-040913-SM-007	150 J	170 U	µg/L
			1430	GW-040913-SM-008	130 J	170 U	µg/L
			2140	GW-040913-SM-010	190 J	250 U	µg/L
			86	GW-040913-SM-011	7.0 J	10 U	µg/L

**TABLE 4**  
**QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST**  
**MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**APRIL 2013**

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i> <sup>(1)</sup>	<i>Sample ID</i>	<i>Original Result</i>	<i>Qualified Sample Result</i>	<i>Units</i>
Volatiles	Methylene chloride	4/17/13	3700	GW-040913-SM-009	370 J	500 U	µg/L
			244	GW-041013-SM-012	24 J	33 U	µg/L
			126	GW-041013-SM-013	12 J	17 U	µg/L
			1850	GW-041013-SM-014	190 J	250 U	µg/L
			1850	GW-041013-SM-015	180 J	250 U	µg/L
			52	GW-041013-SM-016	4.8 J	6.7 U	µg/L
Metals	Zinc (dissolved)	4/12/2013	19.0 J	GW-041013-SM-017	8.3 J	50 U	µg/L
				GW-041013-SM-018	14 J	50 U	µg/L
				GW-041013-SM-019	22 J	50 U	µg/L
				GW-041013-SM-020	7.7 J	50 U	µg/L

## Notes:

- <sup>(1)</sup> Blank results were adjusted for sample factors to determine sample qualification.  
J Estimated concentration.  
U Not detected at the associated reporting limit.

**TABLE 5**

**QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS**

**SITE-WIDE GROUNDWATER MONITORING**

**RACER TRUST**

**MLK BOULEVARD FACILITY**

**ANDERSON, INDIANA**

**APRIL 2013**

<i>Parameter</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
Volatiles	4/17/2013	Acetone	1.4 J	GW-041013-SM-016	8.0 J	67 U	µg/L
				GW-041013-SM-018	1.1 J	10 U	µg/L
				GW-041013-SM-020	1.8 J	10 U	µg/L
	4/19/2013	Acetone	2.5 J	GW-041213-SM-021	1.2 J	10 U	µg/L
				SW-041213-SM-001	2.7 J	10 U	µg/L
				SW-041213-SM-002	1.5 J	10 U	µg/L

## Notes:

- J Estimated concentration.
- U Not detected at the associated reporting limit.

## **Appendix A.2**

### **July 2013 Data Validation Report**



---

## MEMORANDUM

---

TO: Shannon Richardson REF. NO.: 017302-T07

FROM: Deborah Andrasko/eew/-45 *7/24* DATE: August 26, 2013

C.C.: Rob Catallo E-Mail and Hard Copy if Requested

RE: **Analytical Results and Reduced Validation  
Surface Water Sampling  
RACER Trust - MLK Boulevard Facility  
Anderson, Indiana  
July 2013**

---

### INTRODUCTION

The following document details a reduced validation of analytical results for surface water samples collected in support of monitoring program at the MLK Boulevard Facility in Anderson, Indiana during July 2013. Samples were submitted to TestAmerica Laboratory, located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2.

The samples were analyzed for volatile organic compounds (VOCs) using SW-846 Method 8260B referenced from "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986, with all subsequent revisions.

Full Contract Laboratory Program (CLP)-equivalent raw data deliverables were provided by the laboratory. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), and matrix spikes, and field QC samples; raw data was not assessed.

The QA/QC criteria by which these data have been assessed are outlined in the analytical method and the documents entitled:

- i) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99/008, October 1999
- ii) "Quality Assurance Project Plan (QAPP) for the Resource Conservation and Recovery Act (RCRA) Facility Investigation at GM Anderson, Indiana Facility", IND 980 700 801, Revision 2, October 14, 1997.

Item i) will subsequently be referred to as the "Guidelines" in this Memorandum.

### SAMPLE HOLDING TIME AND PRESERVATION

The sample holding time criteria for the analyses are summarized in the analytical method. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and analyzed within the required holding times.

All samples were properly preserved and delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

### LABORATORY METHOD BLANK ANALYSES

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, a laboratory method blank was analyzed at a minimum frequency of one per analytical batch.

All method blank results were non-detect, with the exception of a low concentration of acetone. Associated samples with similar results were qualified as non-detect (see Table 3).

### SURROGATE SPIKE RECOVERIES

In accordance with the method employed, all samples, blanks and QC samples analyzed for volatiles are spiked with surrogate compounds prior to sample analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile determinations were spiked with the appropriate number of surrogate compounds prior to sample analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

### LABORATORY CONTROL SAMPLE (LCS) ANALYSES

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, an LCS was analyzed at a minimum frequency of one per analytical batch.

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy.

### MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) ANALYSES

To evaluate the effects of sample matrices on the extraction process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analytes of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1.

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, with the exception of a high MS recovery for one compound. The associated result did not require qualification based on the remaining acceptable MSD recovery.

### FIELD QA/QC SAMPLES

The field QA/QC consisted of 1 trip blank sample and 1 field duplicate sample set.

#### Trip Blank Sample Analysis

To evaluate contamination from sample collection, transportation, storage, and analytical activities, a trip blank was submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest with the exception of a low concentration of acetone. All associated samples with similar acetone results were previously qualified as non-detect due to method blank contamination and did not require further qualification.

#### Field Duplicate Sample Analysis

To assess the analytical and sampling protocol precision, a field duplicate sample set was collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 percent for water samples.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

### ANALYTE REPORTING

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

### CONCLUSION

Based on this assessment of the information provided, the data produced by TestAmerica were found to exhibit acceptable levels of accuracy and precision and may be used with the qualifications noted.



**TABLE 1**

**SAMPLE AND ANALYSIS SUMMARY**  
**SURFACE WATER SAMPLING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**JULY 2013**

<i>Sample I.D.</i>	<i>Location I.D.</i>	<i>Collection Date (mm/dd/yy)</i>	<i>Collection Time (hr:min)</i>	<i>Analysis</i>	<i>Comments</i>
SW-071713-SM-001	Pond North	07/17/2013	13:45	Volatiles	
SW-071713-SM-002	Pond North	07/17/2013	14:15	Volatiles	Field duplicate of SW-071713-SM-001
SW-071713-SM-003	Pond Intake	07/17/2013	14:00	Volatiles	MS/MSD
TB-071713-SM-001	Trip Blank	07/17/2013	-	Volatiles	Trip Blank

## Notes:

- Not applicable.
- MS Matrix spike.
- MSD Matrix spike duplicate.

**TABLE 2**  
**ANALYTICAL RESULTS SUMMARY**  
**SURFACE WATER SAMPLING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**JULY 2013**

<i>Sample Location:</i>	<i>Pond Intake</i>	<i>Pond North</i>	<i>Pond North</i>
<i>Sample ID:</i>	SW-071713-SM-003	SW-071713-SM-001	SW-071713-SM-002
<i>Sample Date:</i>	7/17/2013	7/17/2013	7/17/2013 (Duplicate)
<i>Parameters:</i>	<i>Units</i>		
<i>Volatile Organic Compounds</i>			
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	0.90 J	1.7
1,1-Dichloroethene	µg/L	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U
2-Hexanone	µg/L	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U
Acetone	µg/L	10 U	10 U
Benzene	µg/L	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	17	32
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U

**TABLE 2**

**ANALYTICAL RESULTS SUMMARY**  
**SURFACE WATER SAMPLING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**JULY 2013**

<i>Sample Location:</i>	<i>Pond Intake</i>	<i>Pond North</i>	<i>Pond North</i>	
<i>Sample ID:</i>	SW-071713-SM-003	SW-071713-SM-001	SW-071713-SM-002	
<i>Sample Date:</i>	7/17/2013	7/17/2013	7/17/2013 (Duplicate)	
<i>Parameters:</i>	<i>Units</i>			
<i>Volatile Organic Compounds (continued)</i>				
Styrene	µg/L	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	0.62 J	1.0	1.1
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U
Trifluorotrichloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	4.8	14	14
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U

## Notes:

- J Estimated concentration.
- U Not detected at the associated reporting limit.

**TABLE 3**  
**QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS**  
**SURFACE WATER SAMPLING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**JULY 2013**

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result</i>	<i>Sample ID</i>	<i>Original Result</i>	<i>Qualified Sample Result</i>	<i>Units</i>
Volatiles	Acetone	7/25/13	1.51 J	SW-071713-SM-001	1.3 J	10 U	µg/L
				SW-071713-SM-002	1.7 J	10 U	µg/L
				SW-071713-SM-003	1.4 J	10 U	µg/L

## Notes:

- J Estimated concentration.
- U Not detected at the associated reporting limit.

## **Appendix A.3**

### **October 2013 Data Validation Report**



---

## MEMORANDUM

---

To: Shannon Richardson REF. No.: 017302-T07

FROM: Deb Andrasko/eew-46 *DA* DATE: November 22, 2013

RE: **Analytical Results and Reduced Validation  
Site-wide Groundwater Monitoring  
RACER Trust – MLK Boulevard Facility  
Anderson, Indiana  
October 2013**

---

### 1.0 Introduction

The following document details a reduced validation of analytical results for groundwater samples collected in support of the Site-wide Groundwater Monitoring at the Anderson, Indiana Site during October 2013. Samples were submitted to TestAmerica Laboratory, located in North Canton, Ohio. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Standard Conestoga-Rovers & Associates (CRA) report deliverables were submitted by the laboratory. The final results and supporting quality assurance/quality control (QA/QC) data were assessed. Evaluation of the data was based on information obtained from the chain of custody forms, finished report forms, method blank data, duplicate data, recovery data from surrogate spikes, laboratory control samples (LCS), matrix spikes (MS), and field QC samples.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the documents entitled:

- i) "Quality Assurance Project Plan (QAPP) for the Resource Conservation and Recovery Act (RCRA) Facility Investigation at GM Anderson, Indiana Facility", IND 980 700 801, Revision 2, October 14, 1997
- ii) "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", United States Environmental Protection Agency (USEPA) 540/R-99-008, October 1999
- iii) "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", USEPA 540/R-94-013, February 1994

Items ii) and iii) will subsequently be referred to as the "Guidelines" in this Memorandum.

## 2.0 Sample Holding Time and Preservation

The sample holding time criteria and sample preservation requirements for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were prepared and/or analyzed within the required holding times with the exception of some nitrate and nitrite samples, which required reanalysis outside of hold times due to instrument calibration exceedance. All associated results were qualified as estimated due to the potential low bias (see Table 4).

All samples were properly preserved, delivered on ice, and stored by the laboratory at the required temperature (0-6°C).

## 3.0 Laboratory Method Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

All method blank results were non-detect, with the exception of low concentrations of acetone, methylene chloride, methyl isobutyl ketone, methane and hardness in some of the blanks. All associated samples with similar results were qualified as non-detect due to the probable laboratory contamination (see Table 5).

## 4.0 Surrogate Spike Recoveries - Organic Analyses

In accordance with the methods employed, all samples, blanks, and QC samples analyzed for organics are spiked with surrogate compounds prior to sample extraction and/or analysis. Surrogate recoveries provide a means to evaluate the effects of laboratory performance on individual sample matrices.

All samples submitted for volatile organic compound (VOC) and dissolved gases determinations were spiked with the appropriate number of surrogate compounds prior to sample extraction and/analysis.

Surrogate recoveries were assessed against laboratory control limits. All surrogate recoveries met the above criteria.

## 5.0 Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of 1 per 20 investigative samples and/or 1 per analytical batch.

### **Organic Analyses**

The LCS contained all compounds of interest. All LCS recoveries were within the laboratory control limits, with the exception of high recoveries for a few VOCs. All associated sample results were non-detect and would not be impacted by the implied high bias.

### **Inorganic Analyses**

The LCS contained all analytes of interest. LCS recoveries were assessed per the "Guidelines". All LCS recoveries were within the control limits, demonstrating acceptable analytical accuracy.

## **6.0 Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses**

To evaluate the effects of sample matrices on the extraction or digestion process, measurement procedures, and accuracy of a particular analysis, samples are spiked with a known concentration of the analyte of concern and analyzed as MS/MSD samples. The relative percent difference (RPD) between the MS and MSD is used to assess analytical precision. If the original sample concentration is significantly greater than the spike concentration, the recovery is not assessed.

MS/MSD analyses were performed as specified in Table 1. The laboratory performed additional site-specific MS/MSD analyses internally.

### **Organic Analyses**

The MS/MSD samples were spiked with all compounds of interest. All percent recoveries and RPD values were within the laboratory control limits, with the exception of high MD/MSD recoveries for two volatile compounds. The associated sample results were non-detect and would not be impacted by the indicated high bias.

### **Inorganic Analyses**

The MS/MSD samples were spiked with the analytes of interest, and the results were evaluated using the "Guidelines". All percent recoveries and RPD values were within the control limits with the exception of high sulfate MS/MSD recoveries. All associated samples with positive results were qualified as estimated (see Table 6); non-detect results would not be impacted by the implied high bias.

## **7.0 Duplicate Sample Analyses – Inorganic Analyses**

Analytical precision is evaluated based on the analysis of laboratory duplicate samples. For this study, the laboratory performed site-specific duplicate analyses internally. The duplicate results were evaluated per the "Guidelines". All duplicate analyses performed were acceptable, demonstrating acceptable analytical precision.

## **8.0 Field QA/QC Samples**

The field QA/QC consisted of four trip blank samples, four rinse blank samples, and four field duplicate sample sets.



### **Trip Blank Sample Analysis**

To evaluate contamination from sample collection, transportation, storage, and analytical activities, trip blanks were submitted to the laboratory for VOC analysis. All results were non-detect for the compounds of interest with the exception of low concentrations of acetone and carbon disulfide. Associated sample results with similar concentrations were qualified as non-detect (see Table 7).

### **Rinse Blank Sample Analysis**

To assess field decontamination procedures, ambient conditions at the site, and cleanliness of sample containers, rinse blanks were submitted for analysis, as identified in Table 1. All results were non-detect for the analytes of interest with the exception of low concentrations of some volatile compounds. Associated sample results with similar concentrations were qualified as non-detect (see Table 8).

### **Field Duplicate Sample Analysis**

To assess the analytical and sampling protocol precision, field duplicate samples were collected and submitted "blind" to the laboratory, as specified in Table 1. The RPDs associated with these duplicate samples must be less than 50 and 100 percent for water and soil samples, respectively. If the reported concentration in either the investigative sample or its duplicate is less than five times the practical quantitation limit (PQL), the evaluation criteria is one or two times the PQL value for water and soil samples, respectively.

All field duplicate results were within acceptable agreement, demonstrating acceptable sampling and analytical precision.

## **9.0 Analyte Reporting**

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the PQL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this memorandum. Non-detect results were presented as non-detect at the PQL in Table 2.

## **10.0 Conclusion**

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

**TABLE 1**  
**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**OCTOBER 2013**

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<u><i>Analysis</i></u>		<i>Comments</i>
					<i>VOCs</i>	<i>MNA Parameters</i>	
GW-102213-SM-001	MW 80	Water	10/22/2013	10:13	X		
GW-102213-SM-002	MW 81	Water	10/22/2013	11:03	X		
GW-102213-SM-003	MW 65	Water	10/22/2013	11:35	X		
GW-102213-SM-004	MW 66	Water	10/22/2013	12:12	X		
GW-102213-SM-005	MW 64	Water	10/22/2013	12:52	X		
GW-102213-SM-006	MW 88	Water	10/22/2013	13:57	X		
GW-102213-SM-007	MW 86	Water	10/22/2013	14:37	X		
GW-102313-SM-008	MW 61	Water	10/23/2013	09:20	X		
GW-102313-SM-009	MW 28	Water	10/23/2013	10:04	X		
RB-102313-SM-010	-	Water	10/23/2013	10:15	X		Equipment blank
GW-102313-SM-011	MW 76	Water	10/23/2013	10:57	X		
GW-102313-SM-012	MW 76	Water	10/23/2013	11:00	X		Field duplicate of GW-102313-SM-011
GW-102313-SM-013	MW 75	Water	10/23/2013	11:33	X		
GW-102313-SM-014	MW 51	Water	10/23/2013	12:30	X		
GW-102313-SM-015	MW 68	Water	10/23/2013	13:17	X		
GW-102313-SM-016	MW 82	Water	10/23/2013	14:03	X		
GW-102313-SM-017	MW 12	Water	10/23/2013	15:05	X		
TB-102313-SM-018	-	Water	10/23/2013	15:30	X		Trip blank
GW-102413-SM-019	MW 8	Water	10/24/2013	08:57	X	X	
GW-102413-SM-020	MW 3	Water	10/24/2013	10:00	X	X	
GW-102413-SM-021	MW 3	Water	10/24/2013	10:03	X	X	Field duplicate of GW-102413-SM-020
GW-102413-SM-022	MW 15	Water	10/24/2013	11:03	X	X	MS/MSD

**TABLE 1**  
**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**OCTOBER 2013**

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<u><i>Analysis</i></u>		<i>Comments</i>
					<i>VOCs</i>	<i>MNA Parameters</i>	
GW-102413-SM-023	MW 31R	Water	10/24/2013	12:05	X	X	
RB-102413-SM-024	-	Water	10/24/2013	12:25	X	X	Equipment blank
GW-102413-SM-025	MW 40	Water	10/24/2013	13:20	X	X	
GW-102413-SM-026	MW 83	Water	10/24/2013	14:30	X		
TB-102413-SM-027	-	Water	10/24/2013	16:30	X		Trip blank
GW-102513-SM-028	MW 49	Water	10/25/2013	09:13	X		
GW-102513-SM-029	MW 46	Water	10/25/2013	10:07	X		
GW-102513-SM-030	MW 14	Water	10/25/2013	11:07	X		
GW-102513-SM-031	MW 14	Water	10/25/2013	11:10	X		Field duplicate of GW-102513-SM-030
RB-102513-SM-032	-	Water	10/25/2013	11:15	X		Equipment blank
GW-102513-SM-033	MW 42	Water	10/25/2013	12:17	X		
GW-102513-SM-034	MW 41	Water	10/25/2013	13:05	X		
GW-102513-SM-035	MW 37	Water	10/25/2013	14:00	X		
GW-102813-SM-036	MW 79	Water	10/28/2013	10:45	X		
GW-102813-SM-037	MW 89-11	Water	10/28/2013	11:45	X		
TB-102813-SM-038	-	Water	10/28/2013	14:30	X		Trip blank
GW-102913-SM-039	MW 2	Water	10/29/2013	09:12	X		
GW-102913-SM-040	MW 2	Water	10/29/2013	09:15	X		Field duplicate of GW-102913-SM-039
RB-102913-SM-041	-	Water	10/29/2013	09:20	X		Equipment blank
GW-102913-SM-042	MW 56	Water	10/29/2013	10:12	X		MS/MSD
GW-102913-SM-043	Pond (Intake)	Water	10/29/2013	10:35	X		
GW-102913-SM-044	MW 57	Water	10/29/2013	11:00	X	X	

**TABLE 1**  
**SAMPLE COLLECTION AND ANALYSIS SUMMARY**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**OCTOBER 2013**

<i>Sample Identification</i>	<i>Location</i>	<i>Matrix</i>	<i>Collection Date (mm/dd/yyyy)</i>	<i>Collection Time (hr:min)</i>	<u><i>Analysis</i></u>		<i>Comments</i>
					<i>VOCs</i>	<i>MNA Parameters</i>	
GW-102913-SM-045	Pond (North)	Water	10/29/2013	11:35	X		
GW-102913-SM-046	MW 85	Water	10/29/2013	12:00	X		
GW-102913-SM-047	MW 58	Water	10/29/2013	13:00	X		
GW-102913-SM-048	MW 4	Water	10/29/2013	13:50	X	X	
TB-102913-SM-049	-	Water	10/29/2013	14:45	X		Trip blank

Notes:

- Not applicable.

MNA - Monitored natural attenuation.

MNA Parameters - dissolved gases, sulfide, alkalinity (carbonate and bicarbonate), hardness, dissolved organic carbon (DOC), total organic carbon (TOC), chloride, and sulfate, nitrate, nitrite, dissolved manganese

MS/MSD - Matrix spike/matrix spike duplicate.

VOCs - Volatile organic compounds

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 3</i>	<i>MW 3</i>	<i>MW 8</i>	<i>MW 12</i>	<i>MW 14</i>	<i>MW 14</i>
<i>Sample ID:</i>	<i>GW-102413-SM-020</i>	<i>GW-102413-SM-021</i>	<i>GW-102413-SM-019</i>	<i>GW-102313-SM-017</i>	<i>GW-102513-SM-030</i>	<i>GW-102513-SM-031</i>
<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i> <i>(Duplicate)</i>	<i>10/24/2013</i>	<i>10/23/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i> <i>(Duplicate)</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	µg/L	520	570	170 U	7.7 U	250 U	200 U
1,1,2,2-Tetrachloroethane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,1,2-Trichloroethane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,1-Dichloroethane	µg/L	110 J	120 J	51 J	7.7 U	250 U	60 J
1,1-Dichloroethene	µg/L	250 U	250 U	170 U	7.7 U	49 J	200 U
1,2,4-Trichlorobenzene	µg/L	250 U	250 U	61 J	7.7 U	250 U	200 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	500 U	500 U	330 U	15 U	500 U	400 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,2-Dichlorobenzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,2-Dichloroethane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,2-Dichloropropane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,3-Dichlorobenzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
1,4-Dichlorobenzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	2500 U	2500 U	1700 U	77 U	2500 U	2000 U
2-Hexanone	µg/L	2500 U	2500 U	1700 U	77 U	2500 U	2000 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	2500 U	2500 U	1700 U	77 U	2500 U	2000 U
Acetone	µg/L	2500 U	2500 U	1700 U	77 U	2500 U	2000 U
Benzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Bromodichloromethane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Bromoform	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Bromomethane (Methyl bromide)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Carbon disulfide	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Carbon tetrachloride	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Chlorobenzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Chloroethane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Chloroform (Trichloromethane)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 3</i>	<i>MW 3</i>	<i>MW 8</i>	<i>MW 12</i>	<i>MW 14</i>	<i>MW 14</i>	
<i>Sample ID:</i>	<i>GW-102413-SM-020</i>	<i>GW-102413-SM-021</i>	<i>GW-102413-SM-019</i>	<i>GW-102313-SM-017</i>	<i>GW-102513-SM-030</i>	<i>GW-102513-SM-031</i>	
<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i> <i>(Duplicate)</i>	<i>10/24/2013</i>	<i>10/23/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i> <i>(Duplicate)</i>	
<i>Parameters:</i>	<i>Units</i>						
<i><b>Volatile Organic Compounds (Continued)</b></i>							
Chloromethane (Methyl chloride)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
cis-1,2-Dichloroethene	µg/L	930	1000	4200	240	6100	5000
cis-1,3-Dichloropropene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Cyclohexane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Dibromochloromethane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Dichlorodifluoromethane (CFC-12)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Ethylbenzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Isopropyl benzene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Methyl acetate	µg/L	2500 U	2500 U	1700 U	77 U	2500 U	2000 U
Methyl cyclohexane	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Methyl tert butyl ether (MTBE)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Methylene chloride	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Styrene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Tetrachloroethene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Toluene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
trans-1,2-Dichloroethene	µg/L	250 U	250 U	170 U	3.9 J	250 U	200 U
trans-1,3-Dichloropropene	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Trichloroethene	µg/L	4800	5300	420	3.0 J	250 U	200 U
Trichlorofluoromethane (CFC-11)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Trifluorotrchloroethane (Freon 113)	µg/L	250 U	250 U	170 U	7.7 U	250 U	200 U
Vinyl chloride	µg/L	77 J	82 J	1400	7.7 U	220 J	250
Xylenes (total)	µg/L	500 U	500 U	330 U	15 U	500 U	400 U
<i><b>Metals</b></i>							
Manganese (dissolved)	µg/L	840	850	540	-	-	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 3</i>	<i>MW 3</i>	<i>MW 8</i>	<i>MW 12</i>	<i>MW 14</i>	<i>MW 14</i>
<i>Sample ID:</i>	<i>GW-102413-SM-020</i>	<i>GW-102413-SM-021</i>	<i>GW-102413-SM-019</i>	<i>GW-102313-SM-017</i>	<i>GW-102513-SM-030</i>	<i>GW-102513-SM-031</i>
<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/24/2013</i> <i>(Duplicate)</i>	<i>10/24/2013</i>	<i>10/23/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i> <i>(Duplicate)</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Dissolved Gases</i>							
Ethane	µg/L	1.8	1.9	16	-	-	-
Ethene	µg/L	4.1	4.3	49	-	-	-
Methane	µg/L	18	18	57	-	-	-
<i>General Chemistry</i>							
Alkalinity, bicarbonate	mg/L	320	330	420	-	-	-
Alkalinity, carbonate	mg/L	5.0 U	5.0 U	5.0 U	-	-	-
Chloride	mg/L	20	20	27	-	-	-
Dissolved organic carbon (DOC)	mg/L	5.1	5.3	3.4	-	-	-
Hardness, carbonate	mg/L	400	400	560	-	-	-
Nitrate (as N)	mg/L	3.6 J	3.5 J	0.10 UJ	-	-	-
Nitrite (as N)	mg/L	0.38 J	0.38 J	0.10 UJ	-	-	-
Sulfate	mg/L	100	100	120	-	-	-
Sulfide	mg/L	3.0 U	3.0 U	3.0 U	-	-	-
Total organic carbon (TOC)	mg/L	5.1	5.0	3.4	-	-	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 15</i>	<i>MW 28</i>	<i>MW 31R</i>	<i>MW 37</i>	<i>MW 40</i>	<i>MW 41</i>
<i>Sample ID:</i>	<i>GW-102413-SM-022</i>	<i>GW-102313-SM-009</i>	<i>GW-102413-SM-023</i>	<i>GW-102513-SM-035</i>	<i>GW-102413-SM-025</i>	<i>GW-102513-SM-034</i>
<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	µg/L	960	9.1 U	74 J	1.0 U	330 U	330 U
1,1,2,2-Tetrachloroethane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,1,2-Trichloroethane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,1-Dichloroethane	µg/L	400 J	9.1 U	310	1.0 U	290 J	330 U
1,1-Dichloroethene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,2,4-Trichlorobenzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	1000 U	18 U	500 U	2.0 U	670 U	670 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,2-Dichlorobenzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,2-Dichloroethane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,2-Dichloropropane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,3-Dichlorobenzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
1,4-Dichlorobenzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	5000 U	91 U	2500 U	10 U	3300 U	3300 U
2-Hexanone	µg/L	5000 U	91 U	2500 U	10 U	3300 U	3300 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	5000 U	91 U	2500 U	10 U	3300 U	3300 U
Acetone	µg/L	5000 U	91 U	2500 U	10 U	3300 U	3300 U
Benzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Bromodichloromethane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Bromoform	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Bromomethane (Methyl bromide)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Carbon disulfide	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Carbon tetrachloride	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Chlorobenzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Chloroethane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Chloroform (Trichloromethane)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U



TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 15</i>	<i>MW 28</i>	<i>MW 31R</i>	<i>MW 37</i>	<i>MW 40</i>	<i>MW 41</i>
<i>Sample ID:</i>	<i>GW-102413-SM-022</i>	<i>GW-102313-SM-009</i>	<i>GW-102413-SM-023</i>	<i>GW-102513-SM-035</i>	<i>GW-102413-SM-025</i>	<i>GW-102513-SM-034</i>
<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i><b>Volatile Organic Compounds (Continued)</b></i>							
Chloromethane (Methyl chloride)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
cis-1,2-Dichloroethene	µg/L	12000	310	7200	1.1	8100	7200
cis-1,3-Dichloropropene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Cyclohexane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Dibromochloromethane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Dichlorodifluoromethane (CFC-12)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Ethylbenzene	µg/L	500 U	9.1 U	620	1.0 U	330 U	330 U
Isopropyl benzene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Methyl acetate	µg/L	5000 U	91 U	2500 U	10 U	3300 U	3300 U
Methyl cyclohexane	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Methyl tert butyl ether (MTBE)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Methylene chloride	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Styrene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Tetrachloroethene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Toluene	µg/L	500 U	9.1 U	1900	1.0 U	330 U	330 U
trans-1,2-Dichloroethene	µg/L	110 J	9.1 U	250 U	1.0 U	150 J	160 J
trans-1,3-Dichloropropene	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Trichloroethene	µg/L	8300	9.1 U	150 J	1.0 U	150 J	330 U
Trichlorofluoromethane (CFC-11)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Trifluorotrchloroethane (Freon 113)	µg/L	500 U	9.1 U	250 U	1.0 U	330 U	330 U
Vinyl chloride	µg/L	560	140	1600	1.0 U	1200	550
Xylenes (total)	µg/L	1000 U	18 U	1300	2.0 U	670 U	670 U
<i><b>Metals</b></i>							
Manganese (dissolved)	µg/L	410	-	690	-	110	-

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 15</i>	<i>MW 28</i>	<i>MW 31R</i>	<i>MW 37</i>	<i>MW 40</i>	<i>MW 41</i>
<i>Sample ID:</i>	<i>GW-102413-SM-022</i>	<i>GW-102313-SM-009</i>	<i>GW-102413-SM-023</i>	<i>GW-102513-SM-035</i>	<i>GW-102413-SM-025</i>	<i>GW-102513-SM-034</i>
<i>Sample Date:</i>	<i>10/24/2013</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>	<i>10/24/2013</i>	<i>10/25/2013</i>

<i>Parameters:</i>	<i>Units</i>					
<i>Dissolved Gases</i>						
Ethane	µg/L	6.8	-	25	-	0.86
Ethene	µg/L	13	-	610	-	8.4
Methane	µg/L	26	-	400	-	29
<i>General Chemistry</i>						
Alkalinity, bicarbonate	mg/L	390	-	420	-	320
Alkalinity, carbonate	mg/L	5.0 U	-	5.0 U	-	5.0 U
Chloride	mg/L	42	-	67	-	76
Dissolved organic carbon (DOC)	mg/L	4.3	-	14	-	2.4
Hardness, carbonate	mg/L	430	-	530	-	490
Nitrate (as N)	mg/L	0.10 UJ	-	0.20 J	-	0.10 UJ
Nitrite (as N)	mg/L	0.10 UJ	-	0.10 UJ	-	0.10 UJ
Sulfate	mg/L	100 J	-	140	-	100 J
Sulfide	mg/L	3.0 U	-	3.0 U	-	3.0 U
Total organic carbon (TOC)	mg/L	4.4	-	14	-	2.5

TABLE 2

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 42</i>	<i>MW 46</i>	<i>MW 49</i>	<i>MW 51</i>	<i>MW 56</i>	<i>MW 57</i>
<i>Sample ID:</i>	<i>GW-102513-SM-033</i>	<i>GW-102513-SM-029</i>	<i>GW-102513-SM-028</i>	<i>GW-102313-SM-014</i>	<i>GW-102913-SM-042</i>	<i>GW-102913-SM-044</i>
<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/23/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	84 J	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	46 J	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	400 U	2.0 U	67 U	13 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	2000 U	10 U	330 U	67 U	10 U	10 U
2-Hexanone	µg/L	2000 U	10 U	330 U	67 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	2000 U	10 U	330 U	67 U	10 U	10 U
Acetone	µg/L	2000 U	10 U	330 U	67 U	10 U	10 U
Benzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Bromoform	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Carbon disulfide	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Chlorobenzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Chloroethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 42</i>	<i>MW 46</i>	<i>MW 49</i>	<i>MW 51</i>	<i>MW 56</i>	<i>MW 57</i>
<i>Sample ID:</i>	<i>GW-102513-SM-033</i>	<i>GW-102513-SM-029</i>	<i>GW-102513-SM-028</i>	<i>GW-102313-SM-014</i>	<i>GW-102913-SM-042</i>	<i>GW-102913-SM-044</i>
<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/23/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<b><i>Volatile Organic Compounds (Continued)</i></b>							
Chloromethane (Methyl chloride)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	5200	1.0 U	900	7.5	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Cyclohexane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Ethylbenzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Methyl acetate	µg/L	2000 U	10 U	330 U	67 U	10 U	10 U
Methyl cyclohexane	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Methylene chloride	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Styrene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Toluene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	270	1.0 U	32 J	6.7 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Trichloroethene	µg/L	200 U	1.0 U	33 U	190	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Trifluorotrchloroethane (Freon 113)	µg/L	200 U	1.0 U	33 U	6.7 U	1.0 U	1.0 U
Vinyl chloride	µg/L	120 J	1.0 U	33	2.9 J	1.0 U	6.2
Xylenes (total)	µg/L	400 U	2.0 U	67 U	13 U	2.0 U	2.0 U
<b><i>Metals</i></b>							
Manganese (dissolved)	µg/L	-	-	-	-	-	320

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 42</i>	<i>MW 46</i>	<i>MW 49</i>	<i>MW 51</i>	<i>MW 56</i>	<i>MW 57</i>
<i>Sample ID:</i>	<i>GW-102513-SM-033</i>	<i>GW-102513-SM-029</i>	<i>GW-102513-SM-028</i>	<i>GW-102313-SM-014</i>	<i>GW-102913-SM-042</i>	<i>GW-102913-SM-044</i>
<i>Sample Date:</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/25/2013</i>	<i>10/23/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Dissolved Gases</i>							
Ethane	µg/L	-	-	-	-	-	0.50 U
Ethene	µg/L	-	-	-	-	-	0.93
Methane	µg/L	-	-	-	-	-	4.4
<i>General Chemistry</i>							
Alkalinity, bicarbonate	mg/L	-	-	-	-	-	370
Alkalinity, carbonate	mg/L	-	-	-	-	-	5.0 U
Chloride	mg/L	-	-	-	-	-	20
Dissolved organic carbon (DOC)	mg/L	-	-	-	-	-	4.5
Hardness, carbonate	mg/L	-	-	-	-	-	520
Nitrate (as N)	mg/L	-	-	-	-	-	0.10 U
Nitrite (as N)	mg/L	-	-	-	-	-	0.10 U
Sulfate	mg/L	-	-	-	-	-	140 J
Sulfide	mg/L	-	-	-	-	-	3.0 U
Total organic carbon (TOC)	mg/L	-	-	-	-	-	4.5

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 58</i>	<i>MW 61</i>	<i>MW 64</i>	<i>MW 65</i>	<i>MW 66</i>	<i>MW 68</i>
<i>Sample ID:</i>	<i>GW-102913-SM-047</i>	<i>GW-102313-SM-008</i>	<i>GW-102213-SM-005</i>	<i>GW-102213-SM-003</i>	<i>GW-102213-SM-004</i>	<i>GW-102313-SM-015</i>
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/23/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/23/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,1,2,2-Tetrachloroethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,1,2-Trichloroethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,1-Dichloroethane	µg/L	2.0 U	1.0 U	3.5	6.2	55	180 J
1,1-Dichloroethene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,2,4-Trichlorobenzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4.0 U	2.0 U	3.3 U	11 U	50 U	670 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,2-Dichlorobenzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,2-Dichloroethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,2-Dichloropropane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,3-Dichlorobenzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
1,4-Dichlorobenzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	20 U	10 U	17 U	57 U	250 U	3300 U
2-Hexanone	µg/L	20 U	10 U	17 U	57 U	250 U	3300 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	20 U	10 U	17 U	57 U	250 U	3300 U
Acetone	µg/L	20 U	10 U	17 U	57 U	250 U	3300 U
Benzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Bromodichloromethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Bromoform	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Bromomethane (Methyl bromide)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Carbon disulfide	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Carbon tetrachloride	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Chlorobenzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Chloroethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Chloroform (Trichloromethane)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 58</i>	<i>MW 61</i>	<i>MW 64</i>	<i>MW 65</i>	<i>MW 66</i>	<i>MW 68</i>
<i>Sample ID:</i>	<i>GW-102913-SM-047</i>	<i>GW-102313-SM-008</i>	<i>GW-102213-SM-005</i>	<i>GW-102213-SM-003</i>	<i>GW-102213-SM-004</i>	<i>GW-102313-SM-015</i>
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/23/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/23/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Volatile Organic Compounds (Continued)</i>							
Chloromethane (Methyl chloride)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
cis-1,2-Dichloroethene	µg/L	2.0 U	1.0 U	25	210	900	7000
cis-1,3-Dichloropropene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Cyclohexane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Dibromochloromethane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Dichlorodifluoromethane (CFC-12)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Ethylbenzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Isopropyl benzene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Methyl acetate	µg/L	20 U	10 U	17 U	57 U	250 U	3300 U
Methyl cyclohexane	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Methyl tert butyl ether (MTBE)	µg/L	2.0 U	1.0 U	1.1 J	5.7 U	25 U	330 U
Methylene chloride	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Styrene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Tetrachloroethene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Toluene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
trans-1,2-Dichloroethene	µg/L	2.0 U	1.0 U	1.8	16	89	150 J
trans-1,3-Dichloropropene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Trichloroethene	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	2000
Trichlorofluoromethane (CFC-11)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Trifluorotrchloroethane (Freon 113)	µg/L	2.0 U	1.0 U	1.7 U	5.7 U	25 U	330 U
Vinyl chloride	µg/L	110	1.0 U	45	2.5 J	160	240 J
Xylenes (total)	µg/L	4.0 U	2.0 U	3.3 U	11 U	50 U	670 U
<i>Metals</i>							
Manganese (dissolved)	µg/L	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 58</i>	<i>MW 61</i>	<i>MW 64</i>	<i>MW 65</i>	<i>MW 66</i>	<i>MW 68</i>
<i>Sample ID:</i>	<i>GW-102913-SM-047</i>	<i>GW-102313-SM-008</i>	<i>GW-102213-SM-005</i>	<i>GW-102213-SM-003</i>	<i>GW-102213-SM-004</i>	<i>GW-102313-SM-015</i>
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/23/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/23/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Dissolved Gases</i>							
Ethane	µg/L	-	-	-	-	-	-
Ethene	µg/L	-	-	-	-	-	-
Methane	µg/L	-	-	-	-	-	-
<i>General Chemistry</i>							
Alkalinity, bicarbonate	mg/L	-	-	-	-	-	-
Alkalinity, carbonate	mg/L	-	-	-	-	-	-
Chloride	mg/L	-	-	-	-	-	-
Dissolved organic carbon (DOC)	mg/L	-	-	-	-	-	-
Hardness, carbonate	mg/L	-	-	-	-	-	-
Nitrate (as N)	mg/L	-	-	-	-	-	-
Nitrite (as N)	mg/L	-	-	-	-	-	-
Sulfate	mg/L	-	-	-	-	-	-
Sulfide	mg/L	-	-	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-	-	-



**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 75</i>	<i>MW 76</i>	<i>MW 76</i>	<i>MW 79</i>	<i>MW 80</i>	<i>MW 81</i>
<i>Sample ID:</i>	<i>GW-102313-SM-013</i>	<i>GW-102313-SM-011</i>	<i>GW-102313-SM-012</i>	<i>GW-102813-SM-036</i>	<i>GW-102213-SM-001</i>	<i>GW-102213-SM-002</i>
<i>Sample Date:</i>	<i>10/23/2013</i>	<i>10/23/2013</i>	<i>10/23/2013</i> <i>(Duplicate)</i>	<i>10/28/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<b><i>Volatile Organic Compounds</i></b>							
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,1-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	3.7 J
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	2.0 U	100 U	3.3 U	10 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	10 U	500 U	17 U	50 U
2-Hexanone	µg/L	10 U	10 U	10 U	500 U	17 U	50 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	10 U	500 U	17 U	50 U
Acetone	µg/L	10 U	10 U	10 U	500 U	17 U	50 U
Benzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Bromoform	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Carbon disulfide	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Chloroethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 75</i>	<i>MW 76</i>	<i>MW 76</i>	<i>MW 79</i>	<i>MW 80</i>	<i>MW 81</i>
<i>Sample ID:</i>	<i>GW-102313-SM-013</i>	<i>GW-102313-SM-011</i>	<i>GW-102313-SM-012</i>	<i>GW-102813-SM-036</i>	<i>GW-102213-SM-001</i>	<i>GW-102213-SM-002</i>
<i>Sample Date:</i>	<i>10/23/2013</i>	<i>10/23/2013</i>	<i>10/23/2013</i> <i>(Duplicate)</i>	<i>10/28/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<b><i>Volatile Organic Compounds (Continued)</i></b>							
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	0.36 J	0.43 J	2600	1.7 U	150
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Methyl acetate	µg/L	10 U	10 U	10 U	500 U	17 U	50 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Styrene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Toluene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	1.0 U	110	1.7 U	2.1 J
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Trichloroethene	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Trifluorotrchloroethane (Freon 113)	µg/L	1.0 U	1.0 U	1.0 U	50 U	1.7 U	5.0 U
Vinyl chloride	µg/L	1.0 U	0.46 J	0.48 J	160	45	66
Xylenes (total)	µg/L	2.0 U	2.0 U	2.0 U	100 U	3.3 U	10 U
<b><i>Metals</i></b>							
Manganese (dissolved)	µg/L	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 75</i>	<i>MW 76</i>	<i>MW 76</i>	<i>MW 79</i>	<i>MW 80</i>	<i>MW 81</i>
<i>Sample ID:</i>	<i>GW-102313-SM-013</i>	<i>GW-102313-SM-011</i>	<i>GW-102313-SM-012</i>	<i>GW-102813-SM-036</i>	<i>GW-102213-SM-001</i>	<i>GW-102213-SM-002</i>
<i>Sample Date:</i>	<i>10/23/2013</i>	<i>10/23/2013</i>	<i>10/23/2013</i> <i>(Duplicate)</i>	<i>10/28/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>

<i>Parameters:</i>	<i>Units</i>					
<i>Dissolved Gases</i>						
Ethane	µg/L	-	-	-	-	-
Ethene	µg/L	-	-	-	-	-
Methane	µg/L	-	-	-	-	-
<i>General Chemistry</i>						
Alkalinity, bicarbonate	mg/L	-	-	-	-	-
Alkalinity, carbonate	mg/L	-	-	-	-	-
Chloride	mg/L	-	-	-	-	-
Dissolved organic carbon (DOC)	mg/L	-	-	-	-	-
Hardness, carbonate	mg/L	-	-	-	-	-
Nitrate (as N)	mg/L	-	-	-	-	-
Nitrite (as N)	mg/L	-	-	-	-	-
Sulfate	mg/L	-	-	-	-	-
Sulfide	mg/L	-	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 82</i>	<i>MW 83</i>	<i>MW 85</i>	<i>MW 86</i>	<i>MW 88</i>	<i>MW-1</i>
<i>Sample ID:</i>	<i>GW-102313-SM-016</i>	<i>GW-102413-SM-026</i>	<i>GW-102913-SM-046</i>	<i>GW-102213-SM-007</i>	<i>GW-102213-SM-006</i>	<i>GW-102913-SM-039</i>
<i>Sample Date:</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/29/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/29/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Volatile Organic Compounds</i>							
1,1,1-Trichloroethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	0.30 J	1.0 U	160	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	2.0 U	130 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	10 U	670 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	10 U	670 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	10 U	670 U	10 U	10 U	10 U
Acetone	µg/L	10 U	10 U	670 U	10 U	10 U	10 U
Benzene	µg/L	0.32 J	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	0.22 J	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 82</i>	<i>MW 83</i>	<i>MW 85</i>	<i>MW 86</i>	<i>MW 88</i>	<i>MW-2</i>
<i>Sample ID:</i>	<i>GW-102313-SM-016</i>	<i>GW-102413-SM-026</i>	<i>GW-102913-SM-046</i>	<i>GW-102213-SM-007</i>	<i>GW-102213-SM-006</i>	<i>GW-102913-SM-039</i>
<i>Sample Date:</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/29/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/29/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<b><i>Volatile Organic Compounds (Continued)</i></b>							
Chloromethane (Methyl chloride)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	2.2	0.32 J	4600	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	10 U	670 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	0.60 J	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	1.0 U	84	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	0.66 J	0.23 J	67 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Trifluorotrchloroethane (Freon 113)	µg/L	1.0 U	1.0 U	67 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	1.5	640	1.0 U	1.0 U	1.0 U
Xylenes (total)	µg/L	2.0 U	2.0 U	130 U	2.0 U	2.0 U	2.0 U
<b><i>Metals</i></b>							
Manganese (dissolved)	µg/L	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW 82</i>	<i>MW 83</i>	<i>MW 85</i>	<i>MW 86</i>	<i>MW 88</i>	<i>MW-2</i>
<i>Sample ID:</i>	<i>GW-102313-SM-016</i>	<i>GW-102413-SM-026</i>	<i>GW-102913-SM-046</i>	<i>GW-102213-SM-007</i>	<i>GW-102213-SM-006</i>	<i>GW-102913-SM-039</i>
<i>Sample Date:</i>	<i>10/23/2013</i>	<i>10/24/2013</i>	<i>10/29/2013</i>	<i>10/22/2013</i>	<i>10/22/2013</i>	<i>10/29/2013</i>

<i>Parameters:</i>	<i>Units</i>						
<i>Dissolved Gases</i>							
Ethane	µg/L	-	-	-	-	-	-
Ethene	µg/L	-	-	-	-	-	-
Methane	µg/L	-	-	-	-	-	-
<i>General Chemistry</i>							
Alkalinity, bicarbonate	mg/L	-	-	-	-	-	-
Alkalinity, carbonate	mg/L	-	-	-	-	-	-
Chloride	mg/L	-	-	-	-	-	-
Dissolved organic carbon (DOC)	mg/L	-	-	-	-	-	-
Hardness, carbonate	mg/L	-	-	-	-	-	-
Nitrate (as N)	mg/L	-	-	-	-	-	-
Nitrite (as N)	mg/L	-	-	-	-	-	-
Sulfate	mg/L	-	-	-	-	-	-
Sulfide	mg/L	-	-	-	-	-	-
Total organic carbon (TOC)	mg/L	-	-	-	-	-	-

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW-2</i>	<i>MW-4</i>	<i>MW89-11</i>	<i>Pond Intake</i>	<i>Pond North</i>
<i>Sample ID:</i>	<i>GW-102913-SM-040</i>	<i>GW-102913-SM-048</i>	<i>GW-102813-SM-037</i>	<i>SW-102913-SM-043</i>	<i>SW-102913-SM-045</i>
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/28/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>

(Duplicate)

<i>Parameters:</i>	<i>Units</i>					
<b><i>Volatile Organic Compounds</i></b>						
1,1,1-Trichloroethane	µg/L	1.0 U	140 J	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	µg/L	1.0 U	540	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	µg/L	1.0 U	98 J	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane (DBCP)	µg/L	2.0 U	330 U	2.0 U	2.0 U	2.0 U
1,2-Dibromoethane (Ethylene dibromide)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
2-Butanone (Methyl ethyl ketone) (MEK)	µg/L	10 U	1700 U	10 U	10 U	10 U
2-Hexanone	µg/L	10 U	1700 U	10 U	10 U	10 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/L	10 U	1700 U	10 U	10 U	10 U
Acetone	µg/L	10 U	1700 U	10 U	10 U	10 U
Benzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Bromoform	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Bromomethane (Methyl bromide)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	µg/L	1.1 U	170 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Chloroethane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U

**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW-2</i>	<i>MW-4</i>	<i>MW89-11</i>	<i>Pond Intake</i>	<i>Pond North</i>	
<i>Sample ID:</i>	<i>GW-102913-SM-040</i>	<i>GW-102913-SM-048</i>	<i>GW-102813-SM-037</i>	<i>SW-102913-SM-043</i>	<i>SW-102913-SM-045</i>	
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/28/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	
	<i>(Duplicate)</i>					
<i>Parameters:</i>	<i>Units</i>					
<i><b>Volatile Organic Compounds (Continued)</b></i>						
Chloromethane (Methyl chloride)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	µg/L	1.0 U	14000	1.0 U	6.8 U	6.3 U
cis-1,3-Dichloropropene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Cyclohexane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Dichlorodifluoromethane (CFC-12)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Isopropyl benzene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Methyl acetate	µg/L	10 U	1700 U	10 U	10 U	10 U
Methyl cyclohexane	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Methyl tert butyl ether (MTBE)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Methylene chloride	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Styrene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Toluene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	µg/L	1.0 U	320	1.0 U	0.20 J	0.25 J
trans-1,3-Dichloropropene	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Trichloroethene	µg/L	1.0 U	1500	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Trifluorotrchloroethane (Freon 113)	µg/L	1.0 U	170 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	µg/L	1.0 U	430	1.0 U	2.2	3.3
Xylenes (total)	µg/L	2.0 U	330 U	2.0 U	2.0 U	2.0 U
<i><b>Metals</b></i>						
Manganese (dissolved)	µg/L	-	230	-	-	-



**ANALYTICAL RESULTS SUMMARY  
SITE-WIDE GROUNDWATER MONITORING  
RACER TRUST - MLK BOULEVARD FACILITY  
ANDERSON, INDIANA  
OCTOBER 2013**

<i>Sample Location:</i>	<i>MW-2</i>	<i>MW-4</i>	<i>MW89-11</i>	<i>Pond Intake</i>	<i>Pond North</i>
<i>Sample ID:</i>	<i>GW-102913-SM-040</i>	<i>GW-102913-SM-048</i>	<i>GW-102813-SM-037</i>	<i>SW-102913-SM-043</i>	<i>SW-102913-SM-045</i>
<i>Sample Date:</i>	<i>10/29/2013</i>	<i>10/29/2013</i>	<i>10/28/2013</i>	<i>10/29/2013</i>	<i>10/29/2013</i>
<i>Parameters:</i>	<i>(Duplicate)</i>				
<i>Units</i>					
<i>Dissolved Gases</i>					
Ethane	µg/L	-	2.4	-	-
Ethene	µg/L	-	6.8	-	-
Methane	µg/L	-	26	-	-
<i>General Chemistry</i>					
Alkalinity, bicarbonate	mg/L	-	400	-	-
Alkalinity, carbonate	mg/L	-	5.0 U	-	-
Chloride	mg/L	-	78	-	-
Dissolved organic carbon (DOC)	mg/L	-	3.1	-	-
Hardness, carbonate	mg/L	-	490	-	-
Nitrate (as N)	mg/L	-	0.10 U	-	-
Nitrite (as N)	mg/L	-	0.10 U	-	-
Sulfate	mg/L	-	110 J	-	-
Sulfide	mg/L	-	3.0 U	-	-
Total organic carbon (TOC)	mg/L	-	3.2	-	-

## Notes:

- Not analyzed.

J - Estimated concentration.

U - Not present at or above the associated value.

UJ - Not detected; associated reporting limit is estimated.

TABLE 3

ANALYTICAL METHODS AND HOLDING TIME CRITERIA  
 SITE-WIDE GROUNDWATER MONITORING  
 RACER TRUST - MLK BOULEVARD FACILITY  
 ANDERSON, INDIANA  
 OCTOBER 2013

<i>Parameter</i>	<i>Method</i>	<i>Matrix</i>	<u><i>Holding Time</i></u> <i>Collection</i> <i>to Analysis</i> <i>(Days)</i>
Volatile Organic Compounds	SW-846 8260	Water	14
<i>MNA parameters:</i>			
Dissolved Gases	RSK-175	Water	14
Dissolved Manganese	SW-846 6010B	Water	180
Alkalinity - Carbonate & Bicarbonate	SM 2320B	Water	14
Hardness, total	SM 2340C	Water	180
Nitrate	300.0	Water	48 hours
Nitrite	300.0	Water	48 hours
Chloride	300.0	Water	28
Sulfate	300.0	Water	28
Sulfide	9034	Water	7
Total Organic Carbon	9060	Water	28
Dissolved Organic Carbon	9060	Water	28

## Notes:

EPA-RSK - EPA Internal Standard Operating Procedure #175 dated 8/11/94 by Bryan Newell at the USEPA R.S. Kerr Laboratory.

MNA - Monitored natural attenuation.

SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, 1986, with subsequent revisions

SM - "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992, with subsequent revisions

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO HOLDING TIME EXCEEDANCE  
 SITE-WIDE GROUNDWATER MONITORING  
 RACER TRUST - MLK BOULEVARD FACILITY  
 ANDERSON, INDIANA  
 OCTOBER 2013

<i>Parameter</i>	<i>Sample ID</i>	<i>Holding Time (hrs)</i>	<i>Holding Time Criteria (hrs)</i>	<i>Analyte</i>	<i>Qualified Sample Results</i>	<i>Units</i>
General Chemistry	GW-102413-SM-019	56	48	Nitrate (as N)	0.10 UJ	mg/L
	GW-102413-SM-020	55.5	48	Nitrate (as N)	3.6 J	mg/L
	GW-102413-SM-021	56	48	Nitrate (as N)	3.5 J	mg/L
	GW-102413-SM-022	75	48	Nitrate (as N)	0.10 UJ	mg/L
	GW-102413-SM-023	54	48	Nitrate (as N)	0.20 J	mg/L
	GW-102413-SM-025	72	48	Nitrate (as N)	0.10 UJ	mg/L
General Chemistry	GW-102413-SM-019	56	48	Nitrite (as N)	0.10 UJ	mg/L
	GW-102413-SM-020	55.5	48	Nitrite (as N)	0.38 J	mg/L
	GW-102413-SM-021	56	48	Nitrite (as N)	0.38 J	mg/L
	GW-102413-SM-022	75	48	Nitrite (as N)	0.10 UJ	mg/L
	GW-102413-SM-023	54	48	Nitrite (as N)	0.10 UJ	mg/L
	GW-102413-SM-025	72	48	Nitrite (as N)	0.10 UJ	mg/L

## Notes:

J - Estimated concentration.

UJ - Not detected; associated reporting limit is estimated.

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS  
 SITE-WIDE GROUNDWATER MONITORING  
 RACER TRUST - MLK BOULEVARD FACILITY  
 ANDERSON, INDIANA  
 OCTOBER 2013

<i>Parameter</i>	<i>Analyte</i>	<i>Analysis Date</i>	<i>Blank Result *</i>	<i>Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	Acetone	11/7/2013	1060 J	GW-102513-SM-033	760 J	2000 U	µg/L
	Acetone	11/7/2013	1770 J	GW-102513-SM-034	1400 J	3300 U	µg/L
VOCs	Acetone	11/8/2013	134 J	GW-102813-SM-036	67 J	500 U	µg/L
	Acetone	11/8/2013	2.67 J	GW-102813-SM-037	1.8 J	10 U	µg/L
VOCs	Methylene chloride	11/6/2013	140 J	GW-102413-SM-021	190 J	250 U	µg/L
	Methylene chloride	11/6/2013	190 J	GW-102413-SM-025	120 J	330 U	µg/L
VOCs	Acetone	11/8/2013	2.7 J	GW-102913-SM-040	2.4 J	10 U	µg/L
	Acetone	11/8/2013	2.7 J	GW-102913-SM-042	2.7 J	10 U	µg/L
	Acetone	11/8/2013	2.7 J	GW-102913-SM-044	2.5 J	10 U	µg/L
	Acetone	11/8/2013	180 J	GW-102913-SM-046	180 J	670 U	µg/L
	Acetone	11/8/2013	5.4 J	GW-102913-SM-047	2.9 J	20 U	µg/L
	Acetone	11/8/2013	450 J	GW-102913-SM-048	510 J	1700 U	µg/L
	Acetone	11/8/2013	2.7 J	SW-102913-SM-043	2.1 J	10 U	µg/L
	Acetone	11/8/2013	2.7 J	SW-102913-SM-045	5.6 J	10 U	µg/L

## Notes:

\* - Blank result adjusted for sample factors where applicable

J - Estimated concentration

U - Not detected at the associated reporting limit

VOCs - Volatile organic compounds

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS  
 SITE-WIDE GROUNDWATER MONITORING  
 RACER TRUST - MLK BOULEVARD FACILITY  
 ANDERSON, INDIANA  
 OCTOBER 2013

<i>Parameter</i>	<i>Sample ID</i>	<i>Analyte</i>	<i>MS % Recovery</i>	<i>MSD % Recovery</i>	<i>RPD</i>	<i>Control Limits</i>		<i>Qualified Result</i>	<i>Units</i>
						<i>% Recovery</i>	<i>RPD</i>		
General Chemistry	GW-102413-SM-022	Sulfate	122	122	0	80-120	20	100 J	mg/L
	GW-102413-SM-025							100 J	mg/L
General Chemistry	GW-102913-SM-044	Sulfate	127	124	1	80-120	20	140 J	mg/L
	GW-102913-SM-048							110 J	mg/L

## Notes:

MS - Matrix spike

MSD - Matrix spike duplicate

RPD - Relative percent difference

TABLE 7

**QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANKS**  
**SITE-WIDE GROUNDWATER MONITORING**  
**RACER TRUST - MLK BOULEVARD FACILITY**  
**ANDERSON, INDIANA**  
**OCTOBER 2013**

<i>Parameter</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	10/23/2013	Acetone	7.1 J	GW-102213-SM-003	9.1 J	57 U	µg/L
				GW-102213-SM-004	37 J	250 U	µg/L
				GW-102313-SM-008	1.1 J	10 U	µg/L
VOCs	10/28/2013	Carbon disulfide	1.6	GW-102813-SM-037	0.42 J	1.0 U	µg/L
VOCs	10/29/2013	Carbon disulfide	1.6	GW-102913-SM-040	1.1	1.1 U	µg/L
				GW-102913-SM-042	0.64 J	1.0 U	µg/L
				GW-102913-SM-044	0.31 J	1.0 U	µg/L
				SW-102913-SM-043	0.86 J	1.0 U	µg/L
				SW-102913-SM-045	0.19 J	1.0 U	µg/L

## Notes:

J - Estimated concentration

U - Not detected at the associated reporting limit

VOCs - Volatile organic compounds

TABLE 8

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE RINSE BLANKS  
 SITE-WIDE GROUNDWATER MONITORING  
 RACER TRUST - MLK BOULEVARD FACILITY  
 ANDERSON, INDIANA  
 OCTOBER 2013

<i>Parameter</i>	<i>Rinse Blank ID</i>	<i>Blank Date</i>	<i>Analyte</i>	<i>Blank Result</i>	<i>Associated Sample ID</i>	<i>Original Result</i>	<i>Qualified Result</i>	<i>Units</i>
VOCs	RB-102913-SM-041	10/29/2013	cis-1,2-Dichloroethene	2.4	SW-102913-SM-043 SW-102913-SM-045	6.8 6.3	6.8 U 6.3 U	µg/L µg/L

Notes:

J - Estimated concentration

U - Not detected at the associated reporting limit

VOCs - Volatile organic compounds

## **Appendix B**

### **Data Analysis Tables and Plots**



TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW-2	5/9/2007	mg/L	0.001 U
Trichloroethene	MW-2	7/10/2007	mg/L	0.001 U
Trichloroethene	MW-2	10/17/2007	mg/L	0.001 U
Trichloroethene	MW-2	6/25/2008	mg/L	0.001 U
Trichloroethene	MW-2	12/17/2009	mg/L	0.001 U
Trichloroethene	MW-2	10/28/2010	mg/L	0.001 U
Trichloroethene	MW-2	10/6/2011	mg/L	0.001 U
Trichloroethene	MW-2	10/16/2012	mg/L	0.001 U
Trichloroethene	MW-2	10/29/2013	mg/L	0.001 U
Trichloroethene	MW-2	10/29/2013	mg/L	0.001 U
Trichloroethene	MW 3	2/1/2005	mg/L	15
Trichloroethene	MW 3	2/1/2005	mg/L	15
Trichloroethene	MW 3	10/18/2005	mg/L	0.013
Trichloroethene	MW 3	1/31/2006	mg/L	7.9
Trichloroethene	MW 3	4/18/2006	mg/L	12
Trichloroethene	MW 3	4/18/2006	mg/L	11
Trichloroethene	MW 3	7/19/2006	mg/L	9.5
Trichloroethene	MW 3	7/19/2006	mg/L	10
Trichloroethene	MW 3	10/16/2006	mg/L	11 J
Trichloroethene	MW 3	1/24/2007	mg/L	10 J
Trichloroethene	MW 3	4/17/2007	mg/L	6.2
Trichloroethene	MW 3	4/17/2007	mg/L	5.9
Trichloroethene	MW 3	7/11/2007	mg/L	11
Trichloroethene	MW 3	10/16/2007	mg/L	11
Trichloroethene	MW 3	2/18/2008	mg/L	15
Trichloroethene	MW 3	6/30/2008	mg/L	18
Trichloroethene	MW 3	6/30/2008	mg/L	18
Trichloroethene	MW 3	12/4/2008	mg/L	9.2
Trichloroethene	MW 3	4/30/2009	mg/L	18
Trichloroethene	MW 3	12/15/2009	mg/L	8.3
Trichloroethene	MW 3	12/15/2009	mg/L	8
Trichloroethene	MW 3	10/28/2010	mg/L	6.79
Trichloroethene	MW 3	10/28/2010	mg/L	5.83
Trichloroethene	MW 3	4/18/2011	mg/L	14
Trichloroethene	MW 3	10/5/2011	mg/L	10
Trichloroethene	MW 3	5/16/2012	mg/L	12 J
Trichloroethene	MW 3	10/15/2012	mg/L	4
Trichloroethene	MW 3	4/9/2013	mg/L	13
Trichloroethene	MW 3	10/24/2013	mg/L	4.8
Trichloroethene	MW 3	10/24/2013	mg/L	5.3
Trichloroethene	MW-4	1/11/2005	mg/L	0.05
Trichloroethene	MW-4	10/19/2005	mg/L	0.83 U
Trichloroethene	MW-4	2/1/2006	mg/L	0.001 U
Trichloroethene	MW-4	4/18/2006	mg/L	0.25 U
Trichloroethene	MW-4	7/18/2006	mg/L	0.42 U
Trichloroethene	MW-4	10/17/2006	mg/L	0.18 J
Trichloroethene	MW-4	1/24/2007	mg/L	0.5 UJ
Trichloroethene	MW-4	4/16/2007	mg/L	0.05 UJ
Trichloroethene	MW-4	7/10/2007	mg/L	1 U
Trichloroethene	MW-4	7/10/2007	mg/L	0.13 U
Trichloroethene	MW-4	10/17/2007	mg/L	0.56 U
Trichloroethene	MW-4	10/17/2007	mg/L	0.5 U
Trichloroethene	MW-4	2/18/2008	mg/L	1 U
Trichloroethene	MW-4	6/25/2008	mg/L	1 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW-4	6/25/2008	mg/L	0.63 U
Trichloroethene	MW-4	12/3/2008	mg/L	1 U
Trichloroethene	MW-4	4/30/2009	mg/L	0.5 U
Trichloroethene	MW-4	4/30/2009	mg/L	0.42 U
Trichloroethene	MW-4	12/16/2009	mg/L	0.069 J
Trichloroethene	MW-4	12/16/2009	mg/L	0.36 J
Trichloroethene	MW-4	10/28/2010	mg/L	0.0112
Trichloroethene	MW-4	4/20/2011	mg/L	0.25 U
Trichloroethene	MW-4	4/20/2011	mg/L	0.33 U
Trichloroethene	MW-4	10/6/2011	mg/L	0.092 J
Trichloroethene	MW-4	5/16/2012	mg/L	0.25 J
Trichloroethene	MW-4	10/16/2012	mg/L	0.99
Trichloroethene	MW-4	4/12/2013	mg/L	0.74
Trichloroethene	MW-4	10/29/2013	mg/L	1.5
Trichloroethene	MW 8	2/2/2005	mg/L	0.35
Trichloroethene	MW 8	10/17/2005	mg/L	0.14 J
Trichloroethene	MW 8	10/17/2005	mg/L	0.13 J
Trichloroethene	MW 8	2/1/2006	mg/L	0.8 J
Trichloroethene	MW 8	4/17/2006	mg/L	0.4 J
Trichloroethene	MW 8	7/18/2006	mg/L	0.15 J
Trichloroethene	MW 8	10/16/2006	mg/L	0.86
Trichloroethene	MW 8	1/23/2007	mg/L	0.4 J
Trichloroethene	MW 8	4/16/2007	mg/L	0.51 J
Trichloroethene	MW 8	7/10/2007	mg/L	0.84
Trichloroethene	MW 8	10/15/2007	mg/L	1.4
Trichloroethene	MW 8	6/27/2008	mg/L	0.58 J
Trichloroethene	MW 8	12/15/2009	mg/L	0.046
Trichloroethene	MW 8	10/27/2010	mg/L	0.248
Trichloroethene	MW 8	4/18/2011	mg/L	0.33
Trichloroethene	MW 8	10/5/2011	mg/L	0.34
Trichloroethene	MW 8	5/15/2012	mg/L	0.085 J
Trichloroethene	MW 8	5/15/2012	mg/L	0.071 J
Trichloroethene	MW 8	10/15/2012	mg/L	0.44
Trichloroethene	MW 8	4/9/2013	mg/L	0.12 J
Trichloroethene	MW 8	10/24/2013	mg/L	0.42
Trichloroethene	MW 12	2/2/2005	mg/L	0.16
Trichloroethene	MW 12	10/19/2005	mg/L	0.11 / 0.13
Trichloroethene	MW 12	1/31/2006	mg/L	0.15
Trichloroethene	MW 12	4/18/2006	mg/L	0.065
Trichloroethene	MW 12	7/18/2006	mg/L	0.041 / 0.041
Trichloroethene	MW 12	10/19/2006	mg/L	0.09 J
Trichloroethene	MW 12	1/22/2007	mg/L	0.038
Trichloroethene	MW 12	4/18/2007	mg/L	0.063 U
Trichloroethene	MW 12	7/11/2007	mg/L	0.063
Trichloroethene	MW 12	10/19/2007	mg/L	0.061
Trichloroethene	MW 12	6/27/2008	mg/L	0.039
Trichloroethene	MW 12	12/5/2008	mg/L	0.036
Trichloroethene	MW 12	4/29/2009	mg/L	0.028
Trichloroethene	MW 12	12/9/2009	mg/L	0.024
Trichloroethene	MW 12	10/26/2010	mg/L	0.0099
Trichloroethene	MW 12	4/20/2011	mg/L	0.0098 J
Trichloroethene	MW 12	10/5/2011	mg/L	0.0073 J
Trichloroethene	MW 12	5/15/2012	mg/L	0.0058 J
Trichloroethene	MW 12	10/11/2012	mg/L	0.004 J

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 12	4/9/2013	mg/L	0.0059 J
Trichloroethene	MW 12	10/23/2013	mg/L	0.003 J
Trichloroethene	MW 14	2/2/2005	mg/L	0.05 U
Trichloroethene	MW 14	10/17/2005	mg/L	0.001 U
Trichloroethene	MW 14	2/1/2006	mg/L	0.5 U
Trichloroethene	MW 14	4/18/2006	mg/L	0.25 U
Trichloroethene	MW 14	7/19/2006	mg/L	0.25 U
Trichloroethene	MW 14	10/18/2006	mg/L	0.36 U
Trichloroethene	MW 14	1/24/2007	mg/L	0.25 UJ
Trichloroethene	MW 14	4/17/2007	mg/L	0.028 UJ
Trichloroethene	MW 14	7/9/2007	mg/L	0.33 U
Trichloroethene	MW 14	10/16/2007	mg/L	0.42 U
Trichloroethene	MW 14	6/30/2008	mg/L	0.001
Trichloroethene	MW 14	12/5/2008	mg/L	0.5 U
Trichloroethene	MW 14	4/29/2009	mg/L	0.25 U
Trichloroethene	MW 14	12/15/2009	mg/L	0.0054 J
Trichloroethene	MW 14	10/27/2010	mg/L	0.01 U
Trichloroethene	MW 14	4/18/2011	mg/L	0.17 U
Trichloroethene	MW 14	10/5/2011	mg/L	0.2 U
Trichloroethene	MW 14	5/15/2012	mg/L	0.17 U
Trichloroethene	MW 14	10/15/2012	mg/L	0.2 U
Trichloroethene	MW 14	4/9/2013	mg/L	0.17 U
Trichloroethene	MW 14	4/9/2013	mg/L	0.17 U
Trichloroethene	MW 14	10/25/2013	mg/L	0.25 U
Trichloroethene	MW 14	10/25/2013	mg/L	0.2 U
Trichloroethene	MW 28	10/18/2005	mg/L	0.0063 U
Trichloroethene	MW 28	10/19/2006	mg/L	0.00015 J
Trichloroethene	MW 28	10/18/2007	mg/L	0.0071 U
Trichloroethene	MW 28	6/24/2008	mg/L	0.0042 U
Trichloroethene	MW 28	12/4/2008	mg/L	0.005 U
Trichloroethene	MW 28	4/29/2009	mg/L	0.005 U
Trichloroethene	MW 28	12/4/2009	mg/L	0.0063 U
Trichloroethene	MW 28	10/26/2010	mg/L	0.005 U
Trichloroethene	MW 28	4/19/2011	mg/L	0.002 U
Trichloroethene	MW 28	10/3/2011	mg/L	0.0033 U
Trichloroethene	MW 28	5/14/2012	mg/L	0.0033 U
Trichloroethene	MW 28	10/10/2012	mg/L	0.004 U
Trichloroethene	MW 28	4/10/2013	mg/L	0.0067 U
Trichloroethene	MW 28	10/23/2013	mg/L	0.0091 U
Trichloroethene	MW 31R	10/18/2005	mg/L	2.1 J
Trichloroethene	MW 31R	1/31/2006	mg/L	2.5
Trichloroethene	MW 31R	4/19/2006	mg/L	1.4
Trichloroethene	MW 31R	7/19/2006	mg/L	0.18 J
Trichloroethene	MW 31R	10/17/2006	mg/L	0.12 J
Trichloroethene	MW 31R	10/17/2006	mg/L	0.13 J
Trichloroethene	MW 31R	1/23/2007	mg/L	0.97 J
Trichloroethene	MW 31R	1/23/2007	mg/L	0.87 J
Trichloroethene	MW 31R	4/17/2007	mg/L	0.93 J
Trichloroethene	MW 31R	7/11/2007	mg/L	1 U
Trichloroethene	MW 31R	10/17/2007	mg/L	0.1 U
Trichloroethene	MW 31R	2/14/2008	mg/L	0.74 J
Trichloroethene	MW 31R	2/14/2008	mg/L	0.67 J
Trichloroethene	MW 31R	12/4/2008	mg/L	0.83 U
Trichloroethene	MW 31R	4/29/2009	mg/L	0.54

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 31R	12/15/2009	mg/L	2.3
Trichloroethene	MW 31R	10/28/2010	mg/L	0.0416
Trichloroethene	MW 31R	4/18/2011	mg/L	0.34
Trichloroethene	MW 31R	10/4/2011	mg/L	0.32
Trichloroethene	MW 31R	5/15/2012	mg/L	0.25 U
Trichloroethene	MW 31R	10/15/2012	mg/L	0.078 J
Trichloroethene	MW 31R	4/9/2013	mg/L	0.057 J
Trichloroethene	MW 31R	10/24/2013	mg/L	0.15 J
Trichloroethene	MW 37	1/18/2005	mg/L	0.001 U
Trichloroethene	MW 37	1/18/2005	mg/L	0.001 U
Trichloroethene	MW 37	10/17/2007	mg/L	0.001 U
Trichloroethene	MW 37	6/26/2008	mg/L	0.001 U
Trichloroethene	MW 37	12/16/2009	mg/L	0.001 U
Trichloroethene	MW 37	10/27/2010	mg/L	0.001 U
Trichloroethene	MW 37	10/5/2011	mg/L	0.001 U
Trichloroethene	MW 37	10/17/2012	mg/L	0.001 U
Trichloroethene	MW 37	10/17/2012	mg/L	0.001 U
Trichloroethene	MW 37	10/25/2013	mg/L	0.001 U
Trichloroethene	MW 40	1/12/2005	mg/L	0.1 U
Trichloroethene	MW 40	10/18/2005	mg/L	0.0013 U
Trichloroethene	MW 40	1/30/2006	mg/L	0.5 U
Trichloroethene	MW 40	4/17/2006	mg/L	0.63 U
Trichloroethene	MW 40	7/19/2006	mg/L	0.63 U
Trichloroethene	MW 40	10/18/2006	mg/L	0.0011
Trichloroethene	MW 40	1/23/2007	mg/L	0.5 UJ
Trichloroethene	MW 40	4/18/2007	mg/L	0.042 UJ
Trichloroethene	MW 40	7/10/2007	mg/L	0.83 U
Trichloroethene	MW 40	10/18/2007	mg/L	0.5 U
Trichloroethene	MW 40	2/15/2008	mg/L	0.63 U
Trichloroethene	MW 40	6/26/2008	mg/L	0.14 J
Trichloroethene	MW 40	12/3/2008	mg/L	0.71 U
Trichloroethene	MW 40	12/3/2008	mg/L	0.83 U
Trichloroethene	MW 40	4/30/2009	mg/L	0.5 U
Trichloroethene	MW 40	12/9/2009	mg/L	0.25 U
Trichloroethene	MW 40	10/26/2010	mg/L	0.125 U
Trichloroethene	MW 40	4/19/2011	mg/L	0.25 U
Trichloroethene	MW 40	10/4/2011	mg/L	0.25 U
Trichloroethene	MW 40	5/14/2012	mg/L	0.13 J
Trichloroethene	MW 40	10/10/2012	mg/L	0.073 J
Trichloroethene	MW 40	4/9/2013	mg/L	0.13 J
Trichloroethene	MW 40	10/24/2013	mg/L	0.15 J
Trichloroethene	MW 41	10/17/2005	mg/L	0.28 U
Trichloroethene	MW 41	1/30/2006	mg/L	0.5 U
Trichloroethene	MW 41	4/17/2006	mg/L	0.00017 J
Trichloroethene	MW 41	4/17/2006	mg/L	0.00015 J
Trichloroethene	MW 41	7/18/2006	mg/L	0.31 U
Trichloroethene	MW 41	10/18/2006	mg/L	0.5 U
Trichloroethene	MW 41	1/23/2007	mg/L	0.5 UJ
Trichloroethene	MW 41	4/18/2007	mg/L	0.031 UJ
Trichloroethene	MW 41	4/18/2007	mg/L	0.013 U
Trichloroethene	MW 41	7/10/2007	mg/L	0.63 U
Trichloroethene	MW 41	10/18/2007	mg/L	0.5 U
Trichloroethene	MW 41	2/15/2008	mg/L	0.42 U
Trichloroethene	MW 41	6/24/2008	mg/L	0.5 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 41	12/3/2008	mg/L	0.5 U
Trichloroethene	MW 41	4/28/2009	mg/L	0.5 U
Trichloroethene	MW 41	12/3/2009	mg/L	0.25 U
Trichloroethene	MW 41	10/25/2010	mg/L	0.125 U
Trichloroethene	MW 41	4/19/2011	mg/L	0.17 U
Trichloroethene	MW 41	10/4/2011	mg/L	0.2 U
Trichloroethene	MW 41	5/14/2012	mg/L	0.2 U
Trichloroethene	MW 41	10/10/2012	mg/L	0.2 U
Trichloroethene	MW 41	4/9/2013	mg/L	0.2 U
Trichloroethene	MW 41	10/25/2013	mg/L	0.33 U
Trichloroethene	MW 42	10/18/2005	mg/L	0.001 U
Trichloroethene	MW 42	1/30/2006	mg/L	0.5 U
Trichloroethene	MW 42	1/30/2006	mg/L	0.5 U
Trichloroethene	MW 42	4/17/2006	mg/L	0.00011 J
Trichloroethene	MW 42	7/18/2006	mg/L	0.31 U
Trichloroethene	MW 42	10/18/2006	mg/L	0.42 U
Trichloroethene	MW 42	1/23/2007	mg/L	0.5 UJ
Trichloroethene	MW 42	1/23/2007	mg/L	0.5 UJ
Trichloroethene	MW 42	4/18/2007	mg/L	0.031 UJ
Trichloroethene	MW 42	7/10/2007	mg/L	0.71 U
Trichloroethene	MW 42	10/18/2007	mg/L	0.5 U
Trichloroethene	MW 42	2/15/2008	mg/L	0.42 U
Trichloroethene	MW 42	6/24/2008	mg/L	0.5 U
Trichloroethene	MW 42	12/3/2008	mg/L	0.5 U
Trichloroethene	MW 42	4/28/2009	mg/L	0.5 U
Trichloroethene	MW 42	12/3/2009	mg/L	0.25 U
Trichloroethene	MW 42	10/25/2010	mg/L	0.125 U
Trichloroethene	MW 42	4/19/2011	mg/L	0.17 U
Trichloroethene	MW 42	10/4/2011	mg/L	0.2 U
Trichloroethene	MW 42	5/14/2012	mg/L	0.25 U
Trichloroethene	MW 42	10/10/2012	mg/L	0.17 U
Trichloroethene	MW 42	4/9/2013	mg/L	0.2 U
Trichloroethene	MW 42	10/25/2013	mg/L	0.2 U
Trichloroethene	MW 46	1/12/2005	mg/L	0.001 U
Trichloroethene	MW 46	10/19/2007	mg/L	0.00012 J
Trichloroethene	MW 46	10/19/2007	mg/L	0.00013 J
Trichloroethene	MW 46	6/27/2008	mg/L	0.001 U
Trichloroethene	MW 46	12/16/2009	mg/L	0.00018 J
Trichloroethene	MW 46	10/26/2010	mg/L	0.005 U
Trichloroethene	MW 46	10/5/2011	mg/L	0.001 U
Trichloroethene	MW 46	10/17/2012	mg/L	0.001 U
Trichloroethene	MW 46	10/25/2013	mg/L	0.001 U
Trichloroethene	MW 49	1/12/2005	mg/L	0.001 U
Trichloroethene	MW 49	10/19/2007	mg/L	0.00042 J
Trichloroethene	MW 49	2/15/2008	mg/L	0.0025 U
Trichloroethene	MW 49	6/30/2008	mg/L	0.00041 J
Trichloroethene	MW 49	12/5/2008	mg/L	0.00084 J
Trichloroethene	MW 49	4/29/2009	mg/L	0.0013 J
Trichloroethene	MW 49	12/4/2009	mg/L	0.0007 J
Trichloroethene	MW 49	10/27/2010	mg/L	0.001 U
Trichloroethene	MW 49	4/19/2011	mg/L	0.017 U
Trichloroethene	MW 49	10/5/2011	mg/L	0.025 U
Trichloroethene	MW 49	5/15/2012	mg/L	0.025 U
Trichloroethene	MW 49	10/17/2012	mg/L	0.033 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 49	4/10/2013	mg/L	0.033 U
Trichloroethene	MW 49	10/25/2013	mg/L	0.033 U
Trichloroethene	MW 51	12/5/2008	mg/L	0.28
Trichloroethene	MW 51	12/5/2008	mg/L	0.29
Trichloroethene	MW 51	4/29/2009	mg/L	0.19
Trichloroethene	MW 51	12/14/2009	mg/L	0.3
Trichloroethene	MW 51	10/27/2010	mg/L	0.24 J
Trichloroethene	MW 51	4/20/2011	mg/L	0.18
Trichloroethene	MW 51	10/5/2011	mg/L	0.21
Trichloroethene	MW 51	5/14/2012	mg/L	0.18
Trichloroethene	MW 51	10/12/2012	mg/L	0.2
Trichloroethene	MW 51	4/9/2013	mg/L	0.21
Trichloroethene	MW 51	10/23/2013	mg/L	0.19
Trichloroethene	MW 56	1/11/2005	mg/L	0.001 U
Trichloroethene	MW 56	10/19/2005	mg/L	0.001 U
Trichloroethene	MW 56	10/18/2006	mg/L	0.00067 J
Trichloroethene	MW 56	10/18/2007	mg/L	0.001 U
Trichloroethene	MW 56	6/26/2008	mg/L	0.001 U
Trichloroethene	MW 56	12/17/2009	mg/L	0.001 U
Trichloroethene	MW 56	10/28/2010	mg/L	0.001 U
Trichloroethene	MW 56	10/6/2011	mg/L	0.001 U
Trichloroethene	MW 56	10/16/2012	mg/L	0.001 U
Trichloroethene	MW 56	10/29/2013	mg/L	0.001 U
Trichloroethene	MW 57	1/10/2005	mg/L	0.001 U
Trichloroethene	MW 57	10/19/2005	mg/L	0.001 U
Trichloroethene	MW 57	2/1/2006	mg/L	0.00026 J
Trichloroethene	MW 57	4/18/2006	mg/L	0.001 U
Trichloroethene	MW 57	7/18/2006	mg/L	0.001 U
Trichloroethene	MW 57	10/17/2006	mg/L	0.00011 J
Trichloroethene	MW 57	1/24/2007	mg/L	0.001 UJ
Trichloroethene	MW 57	4/16/2007	mg/L	0.001 U
Trichloroethene	MW 57	7/10/2007	mg/L	0.001 U
Trichloroethene	MW 57	10/17/2007	mg/L	0.001 U
Trichloroethene	MW 57	6/25/2008	mg/L	0.001 U
Trichloroethene	MW 57	12/16/2009	mg/L	0.001 U
Trichloroethene	MW 57	10/28/2010	mg/L	0.001 U
Trichloroethene	MW 57	10/28/2010	mg/L	0.001 U
Trichloroethene	MW 57	10/6/2011	mg/L	0.001 U
Trichloroethene	MW 57	10/16/2012	mg/L	0.001 U
Trichloroethene	MW 57	10/29/2013	mg/L	0.001 U
Trichloroethene	MW 58	1/10/2005	mg/L	0.001 U
Trichloroethene	MW 58	10/19/2005	mg/L	0.001 U
Trichloroethene	MW 58	10/17/2006	mg/L	0.0059
Trichloroethene	MW 58	10/17/2007	mg/L	0.00059 J
Trichloroethene	MW 58	2/18/2008	mg/L	0.001 U
Trichloroethene	MW 58	6/25/2008	mg/L	0.001 U
Trichloroethene	MW 58	12/17/2009	mg/L	0.0031 U
Trichloroethene	MW 58	10/28/2010	mg/L	0.001 U
Trichloroethene	MW 58	10/6/2011	mg/L	0.008 U
Trichloroethene	MW 58	10/16/2012	mg/L	0.005 U
Trichloroethene	MW 58	10/16/2012	mg/L	0.0057 U
Trichloroethene	MW 58	10/29/2013	mg/L	0.002 U
Trichloroethene	MW 61	1/11/2005	mg/L	0.001 U
Trichloroethene	MW 61	6/24/2008	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 61	12/3/2009	mg/L	0.001 U
Trichloroethene	MW 61	10/26/2010	mg/L	0.005 U
Trichloroethene	MW 61	10/26/2010	mg/L	0.005 U
Trichloroethene	MW 61	10/3/2011	mg/L	0.001 U
Trichloroethene	MW 61	10/10/2012	mg/L	0.001 U
Trichloroethene	MW 61	10/23/2013	mg/L	0.001 U
Trichloroethene	MW 64	1/11/2005	mg/L	0.001 U
Trichloroethene	MW 64	10/19/2005	mg/L	0.0002 J
Trichloroethene	MW 64	10/18/2006	mg/L	0.00011 J
Trichloroethene	MW 64	10/19/2007	mg/L	0.00014 J
Trichloroethene	MW 64	2/18/2008	mg/L	0.037
Trichloroethene	MW 64	2/18/2008	mg/L	0.063
Trichloroethene	MW 64	6/26/2008	mg/L	0.001 U
Trichloroethene	MW 64	12/8/2009	mg/L	0.00011 J
Trichloroethene	MW 64	12/8/2009	mg/L	0.00014 J
Trichloroethene	MW 64	10/25/2010	mg/L	0.005 U
Trichloroethene	MW 64	10/3/2011	mg/L	0.001 U
Trichloroethene	MW 64	10/11/2012	mg/L	0.001 U
Trichloroethene	MW 64	10/11/2012	mg/L	0.001 U
Trichloroethene	MW 64	10/22/2013	mg/L	0.0017 U
Trichloroethene	MW 65	1/10/2005	mg/L	0.005 U
Trichloroethene	MW 65	10/18/2007	mg/L	0.001 U
Trichloroethene	MW 65	2/15/2008	mg/L	0.17 U
Trichloroethene	MW 65	6/27/2008	mg/L	0.031 U
Trichloroethene	MW 65	12/4/2008	mg/L	0.13 U
Trichloroethene	MW 65	4/28/2009	mg/L	0.05 U
Trichloroethene	MW 65	12/4/2009	mg/L	0.05 U
Trichloroethene	MW 65	10/25/2010	mg/L	0.125 U
Trichloroethene	MW 65	10/3/2011	mg/L	0.04 U
Trichloroethene	MW 65	10/11/2012	mg/L	0.014 U
Trichloroethene	MW 65	10/22/2013	mg/L	0.0057 U
Trichloroethene	MW 66	1/11/2005	mg/L	0.001 U
Trichloroethene	MW 66	1/11/2005	mg/L	0.001 U
Trichloroethene	MW 66	10/18/2005	mg/L	0.001 U
Trichloroethene	MW 66	10/18/2006	mg/L	0.001 U
Trichloroethene	MW 66	10/19/2007	mg/L	0.001 U
Trichloroethene	MW 66	10/19/2007	mg/L	0.001 U
Trichloroethene	MW 66	2/18/2008	mg/L	0.00034 J
Trichloroethene	MW 66	6/26/2008	mg/L	0.001 U
Trichloroethene	MW 66	12/4/2008	mg/L	0.001 U
Trichloroethene	MW 66	4/28/2009	mg/L	0.001 U
Trichloroethene	MW 66	4/28/2009	mg/L	0.001 U
Trichloroethene	MW 66	12/8/2009	mg/L	0.001 U
Trichloroethene	MW 66	10/25/2010	mg/L	0.005 U
Trichloroethene	MW 66	4/19/2011	mg/L	0.01 U
Trichloroethene	MW 66	4/19/2011	mg/L	0.01 U
Trichloroethene	MW 66	10/3/2011	mg/L	0.017 U
Trichloroethene	MW 66	5/14/2012	mg/L	0.0083 U
Trichloroethene	MW 66	10/11/2012	mg/L	0.013 U
Trichloroethene	MW 66	4/10/2013	mg/L	0.017 U
Trichloroethene	MW 66	10/22/2013	mg/L	0.025 U
Trichloroethene	MW 68	1/18/2005	mg/L	0.1
Trichloroethene	MW 68	10/19/2005	mg/L	0.35 J
Trichloroethene	MW 68	10/19/2005	mg/L	0.32 J

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 68	1/31/2006	mg/L	0.43 J
Trichloroethene	MW 68	4/18/2006	mg/L	0.5 U
Trichloroethene	MW 68	7/19/2006	mg/L	0.4 J
Trichloroethene	MW 68	10/19/2006	mg/L	1.1 J
Trichloroethene	MW 68	1/23/2007	mg/L	0.63 J
Trichloroethene	MW 68	4/18/2007	mg/L	0.41 J
Trichloroethene	MW 68	7/9/2007	mg/L	2.4
Trichloroethene	MW 68	10/16/2007	mg/L	0.49 J
Trichloroethene	MW 68	2/19/2008	mg/L	0.57
Trichloroethene	MW 68	6/27/2008	mg/L	2.6
Trichloroethene	MW 68	12/5/2008	mg/L	1.1
Trichloroethene	MW 68	4/29/2009	mg/L	1.4
Trichloroethene	MW 68	12/16/2009	mg/L	2.3
Trichloroethene	MW 68	12/16/2009	mg/L	2.4
Trichloroethene	MW 68	10/26/2010	mg/L	1.94
Trichloroethene	MW 68	4/18/2011	mg/L	2.4
Trichloroethene	MW 68	10/4/2011	mg/L	1.9
Trichloroethene	MW 68	10/4/2011	mg/L	1.9
Trichloroethene	MW 68	5/14/2012	mg/L	1.8
Trichloroethene	MW 68	10/12/2012	mg/L	1.9
Trichloroethene	MW 68	4/10/2013	mg/L	2.1
Trichloroethene	MW 68	4/10/2013	mg/L	1.9
Trichloroethene	MW 68	10/23/2013	mg/L	2
Trichloroethene	MW 75	1/14/2005	mg/L	0.001 U
Trichloroethene	MW 75	10/19/2005	mg/L	0.001 U
Trichloroethene	MW 75	10/19/2006	mg/L	0.001 UJ
Trichloroethene	MW 75	10/16/2007	mg/L	0.001 U
Trichloroethene	MW 75	6/30/2008	mg/L	0.001 U
Trichloroethene	MW 75	10/27/2010	mg/L	0.001 U
Trichloroethene	MW 75	10/5/2011	mg/L	0.001 U
Trichloroethene	MW 75	10/12/2012	mg/L	0.001 U
Trichloroethene	MW 75	10/23/2013	mg/L	0.001 U
Trichloroethene	MW 76	1/14/2005	mg/L	0.001 U
Trichloroethene	MW 76	10/20/2005	mg/L	0.001 U
Trichloroethene	MW 76	10/19/2006	mg/L	0.001 UJ
Trichloroethene	MW 76	10/16/2007	mg/L	0.001 U
Trichloroethene	MW 76	10/27/2010	mg/L	0.001 U
Trichloroethene	MW 76	10/5/2011	mg/L	0.001 U
Trichloroethene	MW 76	10/5/2011	mg/L	0.001 U
Trichloroethene	MW 76	10/12/2012	mg/L	0.00021 J
Trichloroethene	MW 76	10/23/2013	mg/L	0.001 U
Trichloroethene	MW 76	10/23/2013	mg/L	0.001 U
Trichloroethene	MW 79	1/13/2005	mg/L	0.12
Trichloroethene	MW 79	10/15/2007	mg/L	0.05 U
Trichloroethene	MW 79	12/5/2008	mg/L	0.071 U
Trichloroethene	MW 79	4/29/2009	mg/L	0.05 U
Trichloroethene	MW 79	12/14/2009	mg/L	0.05 U
Trichloroethene	MW 79	10/27/2010	mg/L	0.001 U
Trichloroethene	MW 79	4/20/2011	mg/L	0.04 U
Trichloroethene	MW 79	10/4/2011	mg/L	0.067 U
Trichloroethene	MW 79	5/15/2012	mg/L	0.05 U
Trichloroethene	MW 79	10/15/2012	mg/L	0.071 U
Trichloroethene	MW 79	10/15/2012	mg/L	0.071 U
Trichloroethene	MW 79	4/9/2013	mg/L	0.083 U



TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 79	10/28/2013	mg/L	0.05 U
Trichloroethene	MW 80	3/9/2005	mg/L	0.001 U
Trichloroethene	MW 80	3/9/2005	mg/L	0.001 U
Trichloroethene	MW 80	10/18/2005	mg/L	0.0083 U
Trichloroethene	MW 80	10/18/2006	mg/L	0.00021 J
Trichloroethene	MW 80	10/17/2007	mg/L	0.001 U
Trichloroethene	MW 80	6/27/2008	mg/L	0.005 U
Trichloroethene	MW 80	6/27/2008	mg/L	0.005 U
Trichloroethene	MW 80	12/8/2009	mg/L	0.001 U
Trichloroethene	MW 80	10/25/2010	mg/L	0.005 U
Trichloroethene	MW 80	10/3/2011	mg/L	0.001 U
Trichloroethene	MW 80	10/11/2012	mg/L	0.001 U
Trichloroethene	MW 80	10/22/2013	mg/L	0.0017 U
Trichloroethene	MW 81	3/9/2005	mg/L	0.001 U
Trichloroethene	MW 81	3/30/2005	mg/L	0.001 UJ
Trichloroethene	MW 81	10/19/2005	mg/L	0.001 U
Trichloroethene	MW 81	10/18/2006	mg/L	0.001 U
Trichloroethene	MW 81	10/18/2006	mg/L	0.001 U
Trichloroethene	MW 81	10/18/2007	mg/L	0.001 U
Trichloroethene	MW 81	2/15/2008	mg/L	0.001 U
Trichloroethene	MW 81	6/26/2008	mg/L	0.001 U
Trichloroethene	MW 81	12/4/2009	mg/L	0.001 U
Trichloroethene	MW 81	10/25/2010	mg/L	0.005 U
Trichloroethene	MW 81	10/3/2011	mg/L	0.002 U
Trichloroethene	MW 81	10/11/2012	mg/L	0.002 U
Trichloroethene	MW 81	10/22/2013	mg/L	0.005 U
Trichloroethene	MW 82	3/9/2005	mg/L	0.001 U
Trichloroethene	MW 82	10/20/2005	mg/L	0.001 U
Trichloroethene	MW 82	10/19/2006	mg/L	0.001 UJ
Trichloroethene	MW 82	10/16/2007	mg/L	0.001 U
Trichloroethene	MW 82	6/27/2008	mg/L	0.001 U
Trichloroethene	MW 82	12/15/2009	mg/L	0.001 U
Trichloroethene	MW 82	10/27/2010	mg/L	0.001 U
Trichloroethene	MW 82	10/4/2011	mg/L	0.001 U
Trichloroethene	MW 82	10/23/2013	mg/L	0.00066 J
Trichloroethene	MW 83	3/9/2005	mg/L	0.001 U
Trichloroethene	MW 83	10/18/2005	mg/L	0.001 U
Trichloroethene	MW 83	10/18/2006	mg/L	0.001 UJ
Trichloroethene	MW 83	10/18/2007	mg/L	0.001 U
Trichloroethene	MW 83	6/27/2008	mg/L	0.001 U
Trichloroethene	MW 83	12/8/2009	mg/L	0.001 U
Trichloroethene	MW 83	10/26/2010	mg/L	0.005 U
Trichloroethene	MW 83	10/4/2011	mg/L	0.001 U
Trichloroethene	MW 83	10/10/2012	mg/L	0.001 U
Trichloroethene	MW 83	10/24/2013	mg/L	0.00023 J
Trichloroethene	MW 85	2/19/2008	mg/L	0.0032 J
Trichloroethene	MW 85	6/25/2008	mg/L	0.001 U
Trichloroethene	MW 85	12/4/2008	mg/L	0.031 U
Trichloroethene	MW 85	4/30/2009	mg/L	0.025 U
Trichloroethene	MW 85	12/17/2009	mg/L	0.017 U
Trichloroethene	MW 85	10/28/2010	mg/L	0.001 U
Trichloroethene	MW 85	4/20/2011	mg/L	0.02 U
Trichloroethene	MW 85	10/6/2011	mg/L	0.029 U
Trichloroethene	MW 85	5/16/2012	mg/L	0.025 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	MW 85	10/16/2012	mg/L	0.17 U
Trichloroethene	MW 85	4/12/2013	mg/L	0.067 U
Trichloroethene	MW 85	10/29/2013	mg/L	0.067 U
Trichloroethene	MW 86	10/28/2010	mg/L	0.005 U
Trichloroethene	MW 86	10/28/2010	mg/L	0.001 U
Trichloroethene	MW 86	10/4/2011	mg/L	0.001 U
Trichloroethene	MW 86	10/11/2012	mg/L	0.001 U
Trichloroethene	MW 86	10/22/2013	mg/L	0.001 U
Trichloroethene	MW 88	10/29/2010	mg/L	0.005 U
Trichloroethene	MW 88	10/3/2011	mg/L	0.001 U
Trichloroethene	MW 88	10/11/2012	mg/L	0.001 U
Trichloroethene	MW 88	10/22/2013	mg/L	0.001 U
Trichloroethene	MW 89-11	12/8/2011	mg/L	0.001 U
Trichloroethene	MW 89-11	12/8/2011	mg/L	0.001 U
Trichloroethene	MW 89-11	10/17/2012	mg/L	0.001 U
Trichloroethene	MW 89-11	4/12/2013	mg/L	0.001 U
Trichloroethene	MW 89-11	4/12/2013	mg/L	0.001 U
Trichloroethene	MW 89-11	10/28/2013	mg/L	0.001 U
Trichloroethene	Pond Intake	1/11/2005	mg/L	0.001 U
Trichloroethene	Pond Intake	4/19/2005	mg/L	0.001 U
Trichloroethene	Pond Intake	10/17/2005	mg/L	0.001 U
Trichloroethene	Pond Intake	2/1/2006	mg/L	0.001 U
Trichloroethene	Pond Intake	4/17/2006	mg/L	0.001 U
Trichloroethene	Pond Intake	7/18/2006	mg/L	0.001 U
Trichloroethene	Pond Intake	10/17/2006	mg/L	0.001 U
Trichloroethene	Pond Intake	1/22/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	4/16/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	5/9/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	6/18/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	7/10/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	8/15/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	9/27/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	10/17/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	11/9/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	12/4/2007	mg/L	0.001 U
Trichloroethene	Pond Intake	2/18/2008	mg/L	0.001 U
Trichloroethene	Pond Intake	6/25/2008	mg/L	0.001 U
Trichloroethene	Pond Intake	9/23/2008	mg/L	0.001 U
Trichloroethene	Pond Intake	12/4/2008	mg/L	0.001 U
Trichloroethene	Pond Intake	3/4/2009	mg/L	0.001 U
Trichloroethene	Pond Intake	3/4/2009	mg/L	0.001 U
Trichloroethene	Pond Intake	4/30/2009	mg/L	0.001 U
Trichloroethene	Pond Intake	7/30/2009	mg/L	0.001 U
Trichloroethene	Pond Intake	7/30/2009	mg/L	0.001 U
Trichloroethene	Pond Intake	12/17/2009	mg/L	0.001 U
Trichloroethene	Pond Intake	8/4/2010	mg/L	0.005 U
Trichloroethene	Pond Intake	10/28/2010	mg/L	0.001 U
Trichloroethene	Pond Intake	4/20/2011	mg/L	0.001 U
Trichloroethene	Pond Intake	7/28/2011	mg/L	0.001 U
Trichloroethene	Pond Intake	10/6/2011	mg/L	0.001 U
Trichloroethene	Pond Intake	10/6/2011	mg/L	0.001 U
Trichloroethene	Pond Intake	5/16/2012	mg/L	0.001 U
Trichloroethene	Pond Intake	8/2/2012	mg/L	0.001 U
Trichloroethene	Pond Intake	10/16/2012	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Trichloroethene	Pond Intake	4/12/2013	mg/L	0.001 U
Trichloroethene	Pond Intake	7/17/2013	mg/L	0.001 U
Trichloroethene	Pond Intake	10/29/2013	mg/L	0.001 U
Trichloroethene	Pond North	1/11/2005	mg/L	0.001 U
Trichloroethene	Pond North	4/19/2005	mg/L	0.001 U
Trichloroethene	Pond North	10/17/2005	mg/L	0.001 U
Trichloroethene	Pond North	2/1/2006	mg/L	0.001 U
Trichloroethene	Pond North	4/17/2006	mg/L	0.001 U
Trichloroethene	Pond North	7/18/2006	mg/L	0.001 U
Trichloroethene	Pond North	10/17/2006	mg/L	0.001 U
Trichloroethene	Pond North	1/22/2007	mg/L	0.0071 UJ
Trichloroethene	Pond North	4/16/2007	mg/L	0.001 U
Trichloroethene	Pond North	5/9/2007	mg/L	0.001 U
Trichloroethene	Pond North	6/18/2007	mg/L	0.001 U
Trichloroethene	Pond North	7/10/2007	mg/L	0.001 U
Trichloroethene	Pond North	8/15/2007	mg/L	0.001 U
Trichloroethene	Pond North	9/27/2007	mg/L	0.001 U
Trichloroethene	Pond North	10/17/2007	mg/L	0.001 U
Trichloroethene	Pond North	11/9/2007	mg/L	0.001 U
Trichloroethene	Pond North	12/4/2007	mg/L	0.001 U
Trichloroethene	Pond North	2/18/2008	mg/L	0.001 U
Trichloroethene	Pond North	6/25/2008	mg/L	0.001 U
Trichloroethene	Pond North	9/23/2008	mg/L	0.001 U
Trichloroethene	Pond North	9/23/2008	mg/L	0.001 U
Trichloroethene	Pond North	12/4/2008	mg/L	0.001 U
Trichloroethene	Pond North	3/4/2009	mg/L	0.001 U
Trichloroethene	Pond North	4/30/2009	mg/L	0.001 U
Trichloroethene	Pond North	7/30/2009	mg/L	0.001 U
Trichloroethene	Pond North	12/17/2009	mg/L	0.017 U
Trichloroethene	Pond North	8/4/2010	mg/L	0.005 U
Trichloroethene	Pond North	8/4/2010	mg/L	0.005 U
Trichloroethene	Pond North	10/28/2010	mg/L	0.001 U
Trichloroethene	Pond North	4/20/2011	mg/L	0.001 U
Trichloroethene	Pond North	7/28/2011	mg/L	0.001 U
Trichloroethene	Pond North	7/28/2011	mg/L	0.001 U
Trichloroethene	Pond North	10/6/2011	mg/L	0.001 U
Trichloroethene	Pond North	5/16/2012	mg/L	0.001 U
Trichloroethene	Pond North	5/16/2012	mg/L	0.001 U
Trichloroethene	Pond North	8/2/2012	mg/L	0.001 U
Trichloroethene	Pond North	8/2/2012	mg/L	0.001 U
Trichloroethene	Pond North	10/16/2012	mg/L	0.0029 U
Trichloroethene	Pond North	4/12/2013	mg/L	0.001 U
Trichloroethene	Pond North	7/17/2013	mg/L	0.001 U
Trichloroethene	Pond North	7/17/2013	mg/L	0.001 U
Trichloroethene	Pond North	10/29/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	5/9/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	7/10/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	10/17/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	6/25/2008	mg/L	0.00015 J
cis-1,2-Dichloroethene	MW-2	12/17/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	10/28/2010	mg/L	0.0021
cis-1,2-Dichloroethene	MW-2	10/6/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	10/16/2012	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW-2	10/29/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW-2	10/29/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 3	2/1/2005	mg/L	5.3
cis-1,2-Dichloroethene	MW 3	2/1/2005	mg/L	5.3
cis-1,2-Dichloroethene	MW 3	10/18/2005	mg/L	0.0042 U
cis-1,2-Dichloroethene	MW 3	1/31/2006	mg/L	3
cis-1,2-Dichloroethene	MW 3	4/18/2006	mg/L	4.1
cis-1,2-Dichloroethene	MW 3	4/18/2006	mg/L	4.1
cis-1,2-Dichloroethene	MW 3	7/19/2006	mg/L	4.5
cis-1,2-Dichloroethene	MW 3	7/19/2006	mg/L	4.2
cis-1,2-Dichloroethene	MW 3	10/16/2006	mg/L	2.5
cis-1,2-Dichloroethene	MW 3	1/24/2007	mg/L	5.4
cis-1,2-Dichloroethene	MW 3	4/17/2007	mg/L	3.4
cis-1,2-Dichloroethene	MW 3	4/17/2007	mg/L	3.1
cis-1,2-Dichloroethene	MW 3	7/11/2007	mg/L	4.4
cis-1,2-Dichloroethene	MW 3	10/16/2007	mg/L	2.1
cis-1,2-Dichloroethene	MW 3	2/18/2008	mg/L	7.7
cis-1,2-Dichloroethene	MW 3	6/30/2008	mg/L	6.6
cis-1,2-Dichloroethene	MW 3	6/30/2008	mg/L	6.5
cis-1,2-Dichloroethene	MW 3	12/4/2008	mg/L	2.8
cis-1,2-Dichloroethene	MW 3	4/30/2009	mg/L	12
cis-1,2-Dichloroethene	MW 3	12/15/2009	mg/L	2.3
cis-1,2-Dichloroethene	MW 3	12/15/2009	mg/L	2.4
cis-1,2-Dichloroethene	MW 3	10/28/2010	mg/L	1.24
cis-1,2-Dichloroethene	MW 3	10/28/2010	mg/L	1.08
cis-1,2-Dichloroethene	MW 3	4/18/2011	mg/L	8.9
cis-1,2-Dichloroethene	MW 3	10/5/2011	mg/L	5.7
cis-1,2-Dichloroethene	MW 3	5/16/2012	mg/L	8.9
cis-1,2-Dichloroethene	MW 3	10/15/2012	mg/L	1.2
cis-1,2-Dichloroethene	MW 3	4/9/2013	mg/L	6.2
cis-1,2-Dichloroethene	MW 3	10/24/2013	mg/L	0.93
cis-1,2-Dichloroethene	MW 3	10/24/2013	mg/L	1
cis-1,2-Dichloroethene	MW-4	1/11/2005	mg/L	6.1
cis-1,2-Dichloroethene	MW-4	10/19/2005	mg/L	13
cis-1,2-Dichloroethene	MW-4	2/1/2006	mg/L	8.6
cis-1,2-Dichloroethene	MW-4	4/18/2006	mg/L	5.4
cis-1,2-Dichloroethene	MW-4	7/18/2006	mg/L	8.1
cis-1,2-Dichloroethene	MW-4	10/17/2006	mg/L	23
cis-1,2-Dichloroethene	MW-4	1/24/2007	mg/L	7.7
cis-1,2-Dichloroethene	MW-4	4/16/2007	mg/L	11 J
cis-1,2-Dichloroethene	MW-4	7/10/2007	mg/L	11
cis-1,2-Dichloroethene	MW-4	7/10/2007	mg/L	13
cis-1,2-Dichloroethene	MW-4	10/17/2007	mg/L	6.7
cis-1,2-Dichloroethene	MW-4	10/17/2007	mg/L	7.7
cis-1,2-Dichloroethene	MW-4	2/18/2008	mg/L	15
cis-1,2-Dichloroethene	MW-4	6/25/2008	mg/L	11
cis-1,2-Dichloroethene	MW-4	6/25/2008	mg/L	9.2
cis-1,2-Dichloroethene	MW-4	12/3/2008	mg/L	18
cis-1,2-Dichloroethene	MW-4	4/30/2009	mg/L	7.8
cis-1,2-Dichloroethene	MW-4	4/30/2009	mg/L	7.5
cis-1,2-Dichloroethene	MW-4	12/16/2009	mg/L	16
cis-1,2-Dichloroethene	MW-4	12/16/2009	mg/L	16
cis-1,2-Dichloroethene	MW-4	10/28/2010	mg/L	12.6
cis-1,2-Dichloroethene	MW-4	4/20/2011	mg/L	8.8

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW-4	4/20/2011	mg/L	8.7
cis-1,2-Dichloroethene	MW-4	10/6/2011	mg/L	11
cis-1,2-Dichloroethene	MW-4	5/16/2012	mg/L	11
cis-1,2-Dichloroethene	MW-4	10/16/2012	mg/L	14
cis-1,2-Dichloroethene	MW-4	4/12/2013	mg/L	12
cis-1,2-Dichloroethene	MW-4	10/29/2013	mg/L	14
cis-1,2-Dichloroethene	MW 8	2/2/2005	mg/L	17
cis-1,2-Dichloroethene	MW 8	10/17/2005	mg/L	5.8
cis-1,2-Dichloroethene	MW 8	10/17/2005	mg/L	5.5
cis-1,2-Dichloroethene	MW 8	2/1/2006	mg/L	12 J
cis-1,2-Dichloroethene	MW 8	4/17/2006	mg/L	16
cis-1,2-Dichloroethene	MW 8	7/18/2006	mg/L	4.6
cis-1,2-Dichloroethene	MW 8	10/16/2006	mg/L	5.4
cis-1,2-Dichloroethene	MW 8	1/23/2007	mg/L	10
cis-1,2-Dichloroethene	MW 8	4/16/2007	mg/L	9.1
cis-1,2-Dichloroethene	MW 8	7/10/2007	mg/L	7.5
cis-1,2-Dichloroethene	MW 8	10/15/2007	mg/L	9.6
cis-1,2-Dichloroethene	MW 8	6/27/2008	mg/L	22
cis-1,2-Dichloroethene	MW 8	12/15/2009	mg/L	0.24
cis-1,2-Dichloroethene	MW 8	10/27/2010	mg/L	5.44
cis-1,2-Dichloroethene	MW 8	4/18/2011	mg/L	8.5
cis-1,2-Dichloroethene	MW 8	10/5/2011	mg/L	7.1
cis-1,2-Dichloroethene	MW 8	5/15/2012	mg/L	5.1
cis-1,2-Dichloroethene	MW 8	5/15/2012	mg/L	5.2
cis-1,2-Dichloroethene	MW 8	10/15/2012	mg/L	3.8
cis-1,2-Dichloroethene	MW 8	4/9/2013	mg/L	3.5
cis-1,2-Dichloroethene	MW 8	10/24/2013	mg/L	4.2
cis-1,2-Dichloroethene	MW 12	2/2/2005	mg/L	1
cis-1,2-Dichloroethene	MW 12	10/19/2005	mg/L	0.96 / 1
cis-1,2-Dichloroethene	MW 12	1/31/2006	mg/L	0.97
cis-1,2-Dichloroethene	MW 12	4/18/2006	mg/L	0.51
cis-1,2-Dichloroethene	MW 12	7/18/2006	mg/L	0.41 / 0.45
cis-1,2-Dichloroethene	MW 12	10/19/2006	mg/L	0.67
cis-1,2-Dichloroethene	MW 12	1/22/2007	mg/L	0.51
cis-1,2-Dichloroethene	MW 12	4/18/2007	mg/L	0.44
cis-1,2-Dichloroethene	MW 12	7/11/2007	mg/L	0.61
cis-1,2-Dichloroethene	MW 12	10/19/2007	mg/L	0.59
cis-1,2-Dichloroethene	MW 12	6/27/2008	mg/L	0.46
cis-1,2-Dichloroethene	MW 12	12/5/2008	mg/L	0.48
cis-1,2-Dichloroethene	MW 12	4/29/2009	mg/L	0.49
cis-1,2-Dichloroethene	MW 12	12/9/2009	mg/L	0.42
cis-1,2-Dichloroethene	MW 12	10/26/2010	mg/L	0.324
cis-1,2-Dichloroethene	MW 12	4/20/2011	mg/L	0.29
cis-1,2-Dichloroethene	MW 12	10/5/2011	mg/L	0.24
cis-1,2-Dichloroethene	MW 12	5/15/2012	mg/L	0.24
cis-1,2-Dichloroethene	MW 12	10/11/2012	mg/L	0.2
cis-1,2-Dichloroethene	MW 12	4/9/2013	mg/L	0.21
cis-1,2-Dichloroethene	MW 12	10/23/2013	mg/L	0.24
cis-1,2-Dichloroethene	MW 14	2/2/2005	mg/L	7.4
cis-1,2-Dichloroethene	MW 14	10/17/2005	mg/L	7.4
cis-1,2-Dichloroethene	MW 14	2/1/2006	mg/L	5.7
cis-1,2-Dichloroethene	MW 14	4/18/2006	mg/L	4.7
cis-1,2-Dichloroethene	MW 14	7/19/2006	mg/L	4.1
cis-1,2-Dichloroethene	MW 14	10/18/2006	mg/L	4.3 J

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 14	1/24/2007	mg/L	4.7
cis-1,2-Dichloroethene	MW 14	4/17/2007	mg/L	5.8 J
cis-1,2-Dichloroethene	MW 14	7/9/2007	mg/L	6.6
cis-1,2-Dichloroethene	MW 14	10/16/2007	mg/L	7.7
cis-1,2-Dichloroethene	MW 14	6/30/2008	mg/L	6
cis-1,2-Dichloroethene	MW 14	12/5/2008	mg/L	6.1
cis-1,2-Dichloroethene	MW 14	4/29/2009	mg/L	6.1
cis-1,2-Dichloroethene	MW 14	12/15/2009	mg/L	0.33
cis-1,2-Dichloroethene	MW 14	10/27/2010	mg/L	5.22
cis-1,2-Dichloroethene	MW 14	4/18/2011	mg/L	4.9
cis-1,2-Dichloroethene	MW 14	10/5/2011	mg/L	4.7
cis-1,2-Dichloroethene	MW 14	5/15/2012	mg/L	4.4
cis-1,2-Dichloroethene	MW 14	10/15/2012	mg/L	4.9
cis-1,2-Dichloroethene	MW 14	4/9/2013	mg/L	3.6
cis-1,2-Dichloroethene	MW 14	4/9/2013	mg/L	3.9
cis-1,2-Dichloroethene	MW 14	10/25/2013	mg/L	6.1
cis-1,2-Dichloroethene	MW 14	10/25/2013	mg/L	5
cis-1,2-Dichloroethene	MW 28	10/18/2005	mg/L	0.0063 U
cis-1,2-Dichloroethene	MW 28	10/19/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 28	10/18/2007	mg/L	0.0071 U
cis-1,2-Dichloroethene	MW 28	6/24/2008	mg/L	0.0042 U
cis-1,2-Dichloroethene	MW 28	12/4/2008	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 28	4/29/2009	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 28	12/4/2009	mg/L	0.0063 U
cis-1,2-Dichloroethene	MW 28	10/26/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 28	4/19/2011	mg/L	0.002 U
cis-1,2-Dichloroethene	MW 28	10/3/2011	mg/L	0.0033 U
cis-1,2-Dichloroethene	MW 28	5/14/2012	mg/L	0.0011 J
cis-1,2-Dichloroethene	MW 28	10/10/2012	mg/L	0.018
cis-1,2-Dichloroethene	MW 28	4/10/2013	mg/L	0.13
cis-1,2-Dichloroethene	MW 28	10/23/2013	mg/L	0.31
cis-1,2-Dichloroethene	MW 31R	10/18/2005	mg/L	45
cis-1,2-Dichloroethene	MW 31R	1/31/2006	mg/L	16
cis-1,2-Dichloroethene	MW 31R	4/19/2006	mg/L	8.7
cis-1,2-Dichloroethene	MW 31R	7/19/2006	mg/L	12
cis-1,2-Dichloroethene	MW 31R	10/17/2006	mg/L	6.3 J
cis-1,2-Dichloroethene	MW 31R	10/17/2006	mg/L	6.8
cis-1,2-Dichloroethene	MW 31R	1/23/2007	mg/L	7.3
cis-1,2-Dichloroethene	MW 31R	1/23/2007	mg/L	7.8
cis-1,2-Dichloroethene	MW 31R	4/17/2007	mg/L	10
cis-1,2-Dichloroethene	MW 31R	7/11/2007	mg/L	13
cis-1,2-Dichloroethene	MW 31R	10/17/2007	mg/L	12
cis-1,2-Dichloroethene	MW 31R	2/14/2008	mg/L	15
cis-1,2-Dichloroethene	MW 31R	2/14/2008	mg/L	16
cis-1,2-Dichloroethene	MW 31R	12/4/2008	mg/L	14
cis-1,2-Dichloroethene	MW 31R	4/29/2009	mg/L	11
cis-1,2-Dichloroethene	MW 31R	12/15/2009	mg/L	11
cis-1,2-Dichloroethene	MW 31R	10/28/2010	mg/L	6.44
cis-1,2-Dichloroethene	MW 31R	4/18/2011	mg/L	6.2
cis-1,2-Dichloroethene	MW 31R	10/4/2011	mg/L	5.1
cis-1,2-Dichloroethene	MW 31R	5/15/2012	mg/L	8.8
cis-1,2-Dichloroethene	MW 31R	10/15/2012	mg/L	6.2
cis-1,2-Dichloroethene	MW 31R	4/9/2013	mg/L	8.3
cis-1,2-Dichloroethene	MW 31R	10/24/2013	mg/L	7.2

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 37	1/18/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	1/18/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	10/17/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	6/26/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	12/16/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	10/27/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	10/5/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	10/17/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	10/17/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 37	10/25/2013	mg/L	0.0011
cis-1,2-Dichloroethene	MW 40	1/12/2005	mg/L	13
cis-1,2-Dichloroethene	MW 40	10/18/2005	mg/L	16
cis-1,2-Dichloroethene	MW 40	1/30/2006	mg/L	15
cis-1,2-Dichloroethene	MW 40	4/17/2006	mg/L	8.5
cis-1,2-Dichloroethene	MW 40	7/19/2006	mg/L	9.4
cis-1,2-Dichloroethene	MW 40	10/18/2006	mg/L	12
cis-1,2-Dichloroethene	MW 40	1/23/2007	mg/L	11
cis-1,2-Dichloroethene	MW 40	4/18/2007	mg/L	9.6
cis-1,2-Dichloroethene	MW 40	7/10/2007	mg/L	10
cis-1,2-Dichloroethene	MW 40	10/18/2007	mg/L	17
cis-1,2-Dichloroethene	MW 40	2/15/2008	mg/L	17
cis-1,2-Dichloroethene	MW 40	6/26/2008	mg/L	15 J
cis-1,2-Dichloroethene	MW 40	12/3/2008	mg/L	13
cis-1,2-Dichloroethene	MW 40	12/3/2008	mg/L	13
cis-1,2-Dichloroethene	MW 40	4/30/2009	mg/L	13
cis-1,2-Dichloroethene	MW 40	12/9/2009	mg/L	13
cis-1,2-Dichloroethene	MW 40	10/26/2010	mg/L	7.66
cis-1,2-Dichloroethene	MW 40	4/19/2011	mg/L	8.8
cis-1,2-Dichloroethene	MW 40	10/4/2011	mg/L	7.6
cis-1,2-Dichloroethene	MW 40	5/14/2012	mg/L	7.9
cis-1,2-Dichloroethene	MW 40	10/10/2012	mg/L	6.7
cis-1,2-Dichloroethene	MW 40	4/9/2013	mg/L	7.9
cis-1,2-Dichloroethene	MW 40	10/24/2013	mg/L	8.1
cis-1,2-Dichloroethene	MW 41	10/17/2005	mg/L	4.3
cis-1,2-Dichloroethene	MW 41	1/30/2006	mg/L	8.5
cis-1,2-Dichloroethene	MW 41	4/17/2006	mg/L	5.1
cis-1,2-Dichloroethene	MW 41	4/17/2006	mg/L	4.7
cis-1,2-Dichloroethene	MW 41	7/18/2006	mg/L	5.4
cis-1,2-Dichloroethene	MW 41	10/18/2006	mg/L	6.5 J
cis-1,2-Dichloroethene	MW 41	1/23/2007	mg/L	6.5
cis-1,2-Dichloroethene	MW 41	4/18/2007	mg/L	5.1
cis-1,2-Dichloroethene	MW 41	4/18/2007	mg/L	4.1
cis-1,2-Dichloroethene	MW 41	7/10/2007	mg/L	8.3
cis-1,2-Dichloroethene	MW 41	10/18/2007	mg/L	10
cis-1,2-Dichloroethene	MW 41	2/15/2008	mg/L	9.8
cis-1,2-Dichloroethene	MW 41	6/24/2008	mg/L	7
cis-1,2-Dichloroethene	MW 41	12/3/2008	mg/L	9.5
cis-1,2-Dichloroethene	MW 41	4/28/2009	mg/L	10
cis-1,2-Dichloroethene	MW 41	12/3/2009	mg/L	8.4
cis-1,2-Dichloroethene	MW 41	10/25/2010	mg/L	6.94
cis-1,2-Dichloroethene	MW 41	4/19/2011	mg/L	6.3
cis-1,2-Dichloroethene	MW 41	10/4/2011	mg/L	6.3
cis-1,2-Dichloroethene	MW 41	5/14/2012	mg/L	6
cis-1,2-Dichloroethene	MW 41	10/10/2012	mg/L	6.8

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 41	4/9/2013	mg/L	6.3
cis-1,2-Dichloroethene	MW 41	10/25/2013	mg/L	7.2
cis-1,2-Dichloroethene	MW 42	10/18/2005	mg/L	12
cis-1,2-Dichloroethene	MW 42	1/30/2006	mg/L	10
cis-1,2-Dichloroethene	MW 42	1/30/2006	mg/L	9.7
cis-1,2-Dichloroethene	MW 42	4/17/2006	mg/L	6.5
cis-1,2-Dichloroethene	MW 42	7/18/2006	mg/L	7
cis-1,2-Dichloroethene	MW 42	10/18/2006	mg/L	6.4 J
cis-1,2-Dichloroethene	MW 42	1/23/2007	mg/L	6.2
cis-1,2-Dichloroethene	MW 42	1/23/2007	mg/L	6.2
cis-1,2-Dichloroethene	MW 42	4/18/2007	mg/L	3.7
cis-1,2-Dichloroethene	MW 42	7/10/2007	mg/L	9.2
cis-1,2-Dichloroethene	MW 42	10/18/2007	mg/L	9.8
cis-1,2-Dichloroethene	MW 42	2/15/2008	mg/L	10
cis-1,2-Dichloroethene	MW 42	6/24/2008	mg/L	7.9
cis-1,2-Dichloroethene	MW 42	12/3/2008	mg/L	8.9
cis-1,2-Dichloroethene	MW 42	4/28/2009	mg/L	9.3
cis-1,2-Dichloroethene	MW 42	12/3/2009	mg/L	8.1
cis-1,2-Dichloroethene	MW 42	10/25/2010	mg/L	6.27
cis-1,2-Dichloroethene	MW 42	4/19/2011	mg/L	6
cis-1,2-Dichloroethene	MW 42	10/4/2011	mg/L	5
cis-1,2-Dichloroethene	MW 42	5/14/2012	mg/L	5.4
cis-1,2-Dichloroethene	MW 42	10/10/2012	mg/L	5.3
cis-1,2-Dichloroethene	MW 42	4/9/2013	mg/L	5.2
cis-1,2-Dichloroethene	MW 42	10/25/2013	mg/L	5.2
cis-1,2-Dichloroethene	MW 46	1/12/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	10/19/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	10/19/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	6/27/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	12/16/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	10/26/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 46	10/5/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	10/17/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 46	10/25/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 49	1/12/2005	mg/L	0.01
cis-1,2-Dichloroethene	MW 49	10/19/2007	mg/L	0.045
cis-1,2-Dichloroethene	MW 49	2/15/2008	mg/L	0.045
cis-1,2-Dichloroethene	MW 49	6/30/2008	mg/L	0.065
cis-1,2-Dichloroethene	MW 49	12/5/2008	mg/L	0.093
cis-1,2-Dichloroethene	MW 49	4/29/2009	mg/L	0.1
cis-1,2-Dichloroethene	MW 49	12/4/2009	mg/L	0.44
cis-1,2-Dichloroethene	MW 49	10/27/2010	mg/L	0.352
cis-1,2-Dichloroethene	MW 49	4/19/2011	mg/L	0.37
cis-1,2-Dichloroethene	MW 49	10/5/2011	mg/L	0.53
cis-1,2-Dichloroethene	MW 49	5/15/2012	mg/L	0.66
cis-1,2-Dichloroethene	MW 49	10/17/2012	mg/L	0.78
cis-1,2-Dichloroethene	MW 49	4/10/2013	mg/L	0.74
cis-1,2-Dichloroethene	MW 49	10/25/2013	mg/L	0.9
cis-1,2-Dichloroethene	MW 51	12/5/2008	mg/L	0.0086 J
cis-1,2-Dichloroethene	MW 51	12/5/2008	mg/L	0.0085 J
cis-1,2-Dichloroethene	MW 51	4/29/2009	mg/L	0.0065 J
cis-1,2-Dichloroethene	MW 51	12/14/2009	mg/L	0.011
cis-1,2-Dichloroethene	MW 51	10/27/2010	mg/L	0.0096 J
cis-1,2-Dichloroethene	MW 51	4/20/2011	mg/L	0.0067 U



TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 51	10/5/2011	mg/L	0.0078 J
cis-1,2-Dichloroethene	MW 51	5/14/2012	mg/L	0.0065
cis-1,2-Dichloroethene	MW 51	10/12/2012	mg/L	0.0099
cis-1,2-Dichloroethene	MW 51	4/9/2013	mg/L	0.0076 J
cis-1,2-Dichloroethene	MW 51	10/23/2013	mg/L	0.0075
cis-1,2-Dichloroethene	MW 56	1/11/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	10/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	10/18/2006	mg/L	0.0024
cis-1,2-Dichloroethene	MW 56	10/18/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	6/26/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	12/17/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	10/6/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 56	10/16/2012	mg/L	0.003
cis-1,2-Dichloroethene	MW 56	10/29/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	1/10/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	2/1/2006	mg/L	0.0014
cis-1,2-Dichloroethene	MW 57	4/18/2006	mg/L	0.0007 J
cis-1,2-Dichloroethene	MW 57	7/18/2006	mg/L	0.004
cis-1,2-Dichloroethene	MW 57	10/17/2006	mg/L	0.0011
cis-1,2-Dichloroethene	MW 57	1/24/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	4/16/2007	mg/L	0.00034 J
cis-1,2-Dichloroethene	MW 57	7/10/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/17/2007	mg/L	0.00014 J
cis-1,2-Dichloroethene	MW 57	6/25/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	12/16/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/6/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/16/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 57	10/29/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 58	1/10/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 58	10/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 58	10/17/2006	mg/L	0.0042 J
cis-1,2-Dichloroethene	MW 58	10/17/2007	mg/L	0.0034 U
cis-1,2-Dichloroethene	MW 58	2/18/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 58	6/25/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 58	12/17/2009	mg/L	0.0031 U
cis-1,2-Dichloroethene	MW 58	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 58	10/6/2011	mg/L	0.008 U
cis-1,2-Dichloroethene	MW 58	10/16/2012	mg/L	0.0057 U
cis-1,2-Dichloroethene	MW 58	10/16/2012	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 58	10/29/2013	mg/L	0.002 U
cis-1,2-Dichloroethene	MW 61	1/11/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 61	6/24/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 61	12/3/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 61	10/26/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 61	10/26/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 61	10/3/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 61	10/10/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 61	10/23/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	1/11/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	10/19/2005	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 64	10/18/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	10/19/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	2/18/2008	mg/L	0.014
cis-1,2-Dichloroethene	MW 64	2/18/2008	mg/L	0.024
cis-1,2-Dichloroethene	MW 64	6/26/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	12/8/2009	mg/L	0.00014 J
cis-1,2-Dichloroethene	MW 64	12/8/2009	mg/L	0.00014 J
cis-1,2-Dichloroethene	MW 64	10/25/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 64	10/3/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	10/11/2012	mg/L	0.00063 J
cis-1,2-Dichloroethene	MW 64	10/11/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 64	10/22/2013	mg/L	0.025
cis-1,2-Dichloroethene	MW 65	1/10/2005	mg/L	0.17
cis-1,2-Dichloroethene	MW 65	10/18/2007	mg/L	2.7
cis-1,2-Dichloroethene	MW 65	2/15/2008	mg/L	3
cis-1,2-Dichloroethene	MW 65	6/27/2008	mg/L	0.34
cis-1,2-Dichloroethene	MW 65	12/4/2008	mg/L	1.9
cis-1,2-Dichloroethene	MW 65	4/28/2009	mg/L	0.97
cis-1,2-Dichloroethene	MW 65	12/4/2009	mg/L	1.4
cis-1,2-Dichloroethene	MW 65	10/25/2010	mg/L	2.44
cis-1,2-Dichloroethene	MW 65	10/3/2011	mg/L	0.97
cis-1,2-Dichloroethene	MW 65	10/11/2012	mg/L	0.38
cis-1,2-Dichloroethene	MW 65	10/22/2013	mg/L	0.21
cis-1,2-Dichloroethene	MW 66	1/11/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	1/11/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	10/18/2005	mg/L	0.0014 U
cis-1,2-Dichloroethene	MW 66	10/18/2006	mg/L	0.001 UJ
cis-1,2-Dichloroethene	MW 66	10/19/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	10/19/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	2/18/2008	mg/L	0.00012 J
cis-1,2-Dichloroethene	MW 66	6/26/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	12/4/2008	mg/L	0.0007 J
cis-1,2-Dichloroethene	MW 66	4/28/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	4/28/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 66	12/8/2009	mg/L	0.0048
cis-1,2-Dichloroethene	MW 66	10/25/2010	mg/L	0.248
cis-1,2-Dichloroethene	MW 66	4/19/2011	mg/L	0.23
cis-1,2-Dichloroethene	MW 66	4/19/2011	mg/L	0.24
cis-1,2-Dichloroethene	MW 66	10/3/2011	mg/L	0.33
cis-1,2-Dichloroethene	MW 66	5/14/2012	mg/L	0.24
cis-1,2-Dichloroethene	MW 66	10/11/2012	mg/L	0.42
cis-1,2-Dichloroethene	MW 66	4/10/2013	mg/L	0.36
cis-1,2-Dichloroethene	MW 66	10/22/2013	mg/L	0.9
cis-1,2-Dichloroethene	MW 68	1/18/2005	mg/L	14
cis-1,2-Dichloroethene	MW 68	10/19/2005	mg/L	16
cis-1,2-Dichloroethene	MW 68	10/19/2005	mg/L	16
cis-1,2-Dichloroethene	MW 68	1/31/2006	mg/L	13
cis-1,2-Dichloroethene	MW 68	4/18/2006	mg/L	9.9
cis-1,2-Dichloroethene	MW 68	7/19/2006	mg/L	7.5
cis-1,2-Dichloroethene	MW 68	10/19/2006	mg/L	12
cis-1,2-Dichloroethene	MW 68	1/23/2007	mg/L	9.5
cis-1,2-Dichloroethene	MW 68	4/18/2007	mg/L	8.9
cis-1,2-Dichloroethene	MW 68	7/9/2007	mg/L	13
cis-1,2-Dichloroethene	MW 68	10/16/2007	mg/L	14

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 68	2/19/2008	mg/L	14
cis-1,2-Dichloroethene	MW 68	6/27/2008	mg/L	13
cis-1,2-Dichloroethene	MW 68	12/5/2008	mg/L	10
cis-1,2-Dichloroethene	MW 68	4/29/2009	mg/L	11
cis-1,2-Dichloroethene	MW 68	12/16/2009	mg/L	8.4
cis-1,2-Dichloroethene	MW 68	12/16/2009	mg/L	8.7
cis-1,2-Dichloroethene	MW 68	10/26/2010	mg/L	7.52
cis-1,2-Dichloroethene	MW 68	4/18/2011	mg/L	7
cis-1,2-Dichloroethene	MW 68	10/4/2011	mg/L	6.7
cis-1,2-Dichloroethene	MW 68	10/4/2011	mg/L	6.6
cis-1,2-Dichloroethene	MW 68	5/14/2012	mg/L	6.7
cis-1,2-Dichloroethene	MW 68	10/12/2012	mg/L	6.1
cis-1,2-Dichloroethene	MW 68	4/10/2013	mg/L	6.4
cis-1,2-Dichloroethene	MW 68	4/10/2013	mg/L	6.1
cis-1,2-Dichloroethene	MW 68	10/23/2013	mg/L	7
cis-1,2-Dichloroethene	MW 75	1/14/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/19/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/16/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	6/30/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/27/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/5/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/12/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 75	10/23/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	1/14/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	10/20/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	10/19/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	10/16/2007	mg/L	0.00019 J
cis-1,2-Dichloroethene	MW 76	10/27/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	10/5/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	10/5/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 76	10/12/2012	mg/L	0.00099 J
cis-1,2-Dichloroethene	MW 76	10/23/2013	mg/L	0.00036 J
cis-1,2-Dichloroethene	MW 76	10/23/2013	mg/L	0.00043 J
cis-1,2-Dichloroethene	MW 79	1/13/2005	mg/L	0.79
cis-1,2-Dichloroethene	MW 79	10/15/2007	mg/L	0.99
cis-1,2-Dichloroethene	MW 79	12/5/2008	mg/L	1
cis-1,2-Dichloroethene	MW 79	4/29/2009	mg/L	1.1
cis-1,2-Dichloroethene	MW 79	12/14/2009	mg/L	1.5
cis-1,2-Dichloroethene	MW 79	10/27/2010	mg/L	1.22
cis-1,2-Dichloroethene	MW 79	4/20/2011	mg/L	1.2
cis-1,2-Dichloroethene	MW 79	10/4/2011	mg/L	1.5
cis-1,2-Dichloroethene	MW 79	5/15/2012	mg/L	1.4
cis-1,2-Dichloroethene	MW 79	10/15/2012	mg/L	2.1
cis-1,2-Dichloroethene	MW 79	10/15/2012	mg/L	2.2
cis-1,2-Dichloroethene	MW 79	4/9/2013	mg/L	1.9
cis-1,2-Dichloroethene	MW 79	10/28/2013	mg/L	2.6
cis-1,2-Dichloroethene	MW 80	3/9/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 80	3/9/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 80	10/18/2005	mg/L	0.0083 U
cis-1,2-Dichloroethene	MW 80	10/18/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 80	10/17/2007	mg/L	0.00013 J
cis-1,2-Dichloroethene	MW 80	6/27/2008	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 80	6/27/2008	mg/L	0.005 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 80	12/8/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 80	10/25/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 80	10/3/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 80	10/11/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 80	10/22/2013	mg/L	0.0017 U
cis-1,2-Dichloroethene	MW 81	3/9/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 81	3/30/2005	mg/L	0.001 UJ
cis-1,2-Dichloroethene	MW 81	10/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 81	10/18/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 81	10/18/2006	mg/L	0.001 UJ
cis-1,2-Dichloroethene	MW 81	10/18/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 81	2/15/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 81	6/26/2008	mg/L	0.00024 J
cis-1,2-Dichloroethene	MW 81	12/4/2009	mg/L	0.0006 J
cis-1,2-Dichloroethene	MW 81	10/25/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 81	10/3/2011	mg/L	0.019
cis-1,2-Dichloroethene	MW 81	10/11/2012	mg/L	0.039
cis-1,2-Dichloroethene	MW 81	10/22/2013	mg/L	0.15
cis-1,2-Dichloroethene	MW 82	3/9/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	10/20/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	10/19/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	10/16/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	6/27/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	12/15/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	10/27/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	10/4/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 82	10/23/2013	mg/L	0.0022
cis-1,2-Dichloroethene	MW 83	3/9/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	10/18/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	10/18/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	10/18/2007	mg/L	0.00041 J
cis-1,2-Dichloroethene	MW 83	6/27/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	12/8/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	10/26/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 83	10/4/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	10/10/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 83	10/24/2013	mg/L	0.00032 J
cis-1,2-Dichloroethene	MW 85	2/19/2008	mg/L	0.017 U
cis-1,2-Dichloroethene	MW 85	6/25/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 85	12/4/2008	mg/L	0.031 U
cis-1,2-Dichloroethene	MW 85	4/30/2009	mg/L	0.025 U
cis-1,2-Dichloroethene	MW 85	12/17/2009	mg/L	0.017 U
cis-1,2-Dichloroethene	MW 85	10/28/2010	mg/L	0.693
cis-1,2-Dichloroethene	MW 85	4/20/2011	mg/L	0.18
cis-1,2-Dichloroethene	MW 85	10/6/2011	mg/L	0.59
cis-1,2-Dichloroethene	MW 85	5/16/2012	mg/L	0.66
cis-1,2-Dichloroethene	MW 85	10/16/2012	mg/L	4.6
cis-1,2-Dichloroethene	MW 85	4/12/2013	mg/L	1.9
cis-1,2-Dichloroethene	MW 85	10/29/2013	mg/L	4.6
cis-1,2-Dichloroethene	MW 86	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 86	10/28/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 86	10/4/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 86	10/11/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 86	10/22/2013	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	MW 88	10/29/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	MW 88	10/3/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 88	10/11/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 88	10/22/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 89-11	12/8/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 89-11	12/8/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 89-11	10/17/2012	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 89-11	4/12/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 89-11	4/12/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	MW 89-11	10/28/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	1/11/2005	mg/L	0.013
cis-1,2-Dichloroethene	Pond Intake	4/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	10/17/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	2/1/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	4/17/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	7/18/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	10/17/2006	mg/L	0.001 UJ
cis-1,2-Dichloroethene	Pond Intake	1/22/2007	mg/L	0.066
cis-1,2-Dichloroethene	Pond Intake	4/16/2007	mg/L	0.0025
cis-1,2-Dichloroethene	Pond Intake	5/9/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	6/18/2007	mg/L	0.00019 J
cis-1,2-Dichloroethene	Pond Intake	7/10/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	8/15/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	9/27/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	10/17/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	11/9/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	12/4/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	2/18/2008	mg/L	0.00061 J
cis-1,2-Dichloroethene	Pond Intake	6/25/2008	mg/L	0.032
cis-1,2-Dichloroethene	Pond Intake	9/23/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	12/4/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	3/4/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	3/4/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	4/30/2009	mg/L	0.0034
cis-1,2-Dichloroethene	Pond Intake	7/30/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	7/30/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	12/17/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	8/4/2010	mg/L	0.0058
cis-1,2-Dichloroethene	Pond Intake	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	4/20/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	7/28/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond Intake	10/6/2011	mg/L	0.004
cis-1,2-Dichloroethene	Pond Intake	10/6/2011	mg/L	0.004
cis-1,2-Dichloroethene	Pond Intake	5/16/2012	mg/L	0.0063
cis-1,2-Dichloroethene	Pond Intake	8/2/2012	mg/L	0.00072 J
cis-1,2-Dichloroethene	Pond Intake	10/16/2012	mg/L	0.0026
cis-1,2-Dichloroethene	Pond Intake	4/12/2013	mg/L	0.0066
cis-1,2-Dichloroethene	Pond Intake	7/17/2013	mg/L	0.017
cis-1,2-Dichloroethene	Pond Intake	10/29/2013	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	1/11/2005	mg/L	0.032
cis-1,2-Dichloroethene	Pond North	4/19/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	10/17/2005	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	2/1/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	4/17/2006	mg/L	0.0017 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
cis-1,2-Dichloroethene	Pond North	7/18/2006	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	10/17/2006	mg/L	0.001 UJ
cis-1,2-Dichloroethene	Pond North	1/22/2007	mg/L	0.081
cis-1,2-Dichloroethene	Pond North	4/16/2007	mg/L	0.21 J
cis-1,2-Dichloroethene	Pond North	5/9/2007	mg/L	0.00018 J
cis-1,2-Dichloroethene	Pond North	6/18/2007	mg/L	0.00016 J
cis-1,2-Dichloroethene	Pond North	7/10/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	8/15/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	9/27/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	10/17/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	11/9/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	12/4/2007	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	2/18/2008	mg/L	0.00062 J
cis-1,2-Dichloroethene	Pond North	6/25/2008	mg/L	0.03
cis-1,2-Dichloroethene	Pond North	9/23/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	9/23/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	12/4/2008	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	3/4/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	4/30/2009	mg/L	0.0065
cis-1,2-Dichloroethene	Pond North	7/30/2009	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	12/17/2009	mg/L	0.011 J
cis-1,2-Dichloroethene	Pond North	8/4/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	Pond North	8/4/2010	mg/L	0.005 U
cis-1,2-Dichloroethene	Pond North	10/28/2010	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	4/20/2011	mg/L	0.026
cis-1,2-Dichloroethene	Pond North	7/28/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	7/28/2011	mg/L	0.001 U
cis-1,2-Dichloroethene	Pond North	10/6/2011	mg/L	0.0089
cis-1,2-Dichloroethene	Pond North	5/16/2012	mg/L	0.022
cis-1,2-Dichloroethene	Pond North	5/16/2012	mg/L	0.019
cis-1,2-Dichloroethene	Pond North	8/2/2012	mg/L	0.0015
cis-1,2-Dichloroethene	Pond North	8/2/2012	mg/L	0.0014
cis-1,2-Dichloroethene	Pond North	10/16/2012	mg/L	0.035
cis-1,2-Dichloroethene	Pond North	4/12/2013	mg/L	0.013
cis-1,2-Dichloroethene	Pond North	7/17/2013	mg/L	0.032
cis-1,2-Dichloroethene	Pond North	7/17/2013	mg/L	0.032
cis-1,2-Dichloroethene	Pond North	10/29/2013	mg/L	0.001 U
Vinyl chloride	MW-2	5/9/2007	mg/L	0.001 U
Vinyl chloride	MW-2	7/10/2007	mg/L	0.001 U
Vinyl chloride	MW-2	10/17/2007	mg/L	0.001 U
Vinyl chloride	MW-2	6/25/2008	mg/L	0.001 U
Vinyl chloride	MW-2	12/17/2009	mg/L	0.001 U
Vinyl chloride	MW-2	10/28/2010	mg/L	0.001 U
Vinyl chloride	MW-2	10/6/2011	mg/L	0.001 U
Vinyl chloride	MW-2	10/16/2012	mg/L	0.001 U
Vinyl chloride	MW-2	10/29/2013	mg/L	0.001 U
Vinyl chloride	MW-2	10/29/2013	mg/L	0.001 U
Vinyl chloride	MW 3	2/1/2005	mg/L	0.53
Vinyl chloride	MW 3	2/1/2005	mg/L	0.56
Vinyl chloride	MW 3	10/18/2005	mg/L	0.00027 J
Vinyl chloride	MW 3	1/31/2006	mg/L	0.5 U
Vinyl chloride	MW 3	4/18/2006	mg/L	0.83 U
Vinyl chloride	MW 3	4/18/2006	mg/L	0.83 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 3	7/19/2006	mg/L	0.63 U
Vinyl chloride	MW 3	7/19/2006	mg/L	0.63 U
Vinyl chloride	MW 3	10/16/2006	mg/L	0.069 J
Vinyl chloride	MW 3	1/24/2007	mg/L	0.12 J
Vinyl chloride	MW 3	4/17/2007	mg/L	0.16
Vinyl chloride	MW 3	4/17/2007	mg/L	0.16
Vinyl chloride	MW 3	7/11/2007	mg/L	1 U
Vinyl chloride	MW 3	10/16/2007	mg/L	0.65
Vinyl chloride	MW 3	2/18/2008	mg/L	2
Vinyl chloride	MW 3	6/30/2008	mg/L	0.95 J
Vinyl chloride	MW 3	6/30/2008	mg/L	1 J
Vinyl chloride	MW 3	12/4/2008	mg/L	0.2 J
Vinyl chloride	MW 3	4/30/2009	mg/L	0.39 J
Vinyl chloride	MW 3	12/15/2009	mg/L	0.34
Vinyl chloride	MW 3	12/15/2009	mg/L	0.4
Vinyl chloride	MW 3	10/28/2010	mg/L	0.103
Vinyl chloride	MW 3	10/28/2010	mg/L	0.0785
Vinyl chloride	MW 3	4/18/2011	mg/L	0.35 J
Vinyl chloride	MW 3	10/5/2011	mg/L	0.12 J
Vinyl chloride	MW 3	5/16/2012	mg/L	0.33 U
Vinyl chloride	MW 3	10/15/2012	mg/L	0.29
Vinyl chloride	MW 3	4/9/2013	mg/L	0.5 U
Vinyl chloride	MW 3	10/24/2013	mg/L	0.077 J
Vinyl chloride	MW 3	10/24/2013	mg/L	0.082 J
Vinyl chloride	MW-4	1/11/2005	mg/L	0.99
Vinyl chloride	MW-4	10/19/2005	mg/L	2.1
Vinyl chloride	MW-4	2/1/2006	mg/L	1.7
Vinyl chloride	MW-4	4/18/2006	mg/L	0.52
Vinyl chloride	MW-4	7/18/2006	mg/L	0.9
Vinyl chloride	MW-4	10/17/2006	mg/L	1.3
Vinyl chloride	MW-4	1/24/2007	mg/L	0.64
Vinyl chloride	MW-4	4/16/2007	mg/L	0.98
Vinyl chloride	MW-4	7/10/2007	mg/L	1.1
Vinyl chloride	MW-4	7/10/2007	mg/L	1.1
Vinyl chloride	MW-4	10/17/2007	mg/L	0.84
Vinyl chloride	MW-4	10/17/2007	mg/L	0.98
Vinyl chloride	MW-4	2/18/2008	mg/L	1.6
Vinyl chloride	MW-4	6/25/2008	mg/L	0.84
Vinyl chloride	MW-4	6/25/2008	mg/L	1.2
Vinyl chloride	MW-4	12/3/2008	mg/L	1.2
Vinyl chloride	MW-4	4/30/2009	mg/L	0.84
Vinyl chloride	MW-4	4/30/2009	mg/L	0.83
Vinyl chloride	MW-4	12/16/2009	mg/L	1.2
Vinyl chloride	MW-4	12/16/2009	mg/L	0.97
Vinyl chloride	MW-4	10/28/2010	mg/L	0.655
Vinyl chloride	MW-4	4/20/2011	mg/L	0.77
Vinyl chloride	MW-4	4/20/2011	mg/L	0.73
Vinyl chloride	MW-4	10/6/2011	mg/L	0.72
Vinyl chloride	MW-4	5/16/2012	mg/L	0.71
Vinyl chloride	MW-4	10/16/2012	mg/L	0.38 J
Vinyl chloride	MW-4	4/12/2013	mg/L	0.44
Vinyl chloride	MW-4	10/29/2013	mg/L	0.43
Vinyl chloride	MW 8	2/2/2005	mg/L	6.9
Vinyl chloride	MW 8	10/17/2005	mg/L	1.3

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 8	10/17/2005	mg/L	1.3
Vinyl chloride	MW 8	2/1/2006	mg/L	2.1
Vinyl chloride	MW 8	4/17/2006	mg/L	1.7
Vinyl chloride	MW 8	7/18/2006	mg/L	1.7
Vinyl chloride	MW 8	10/16/2006	mg/L	1.4
Vinyl chloride	MW 8	1/23/2007	mg/L	1.7
Vinyl chloride	MW 8	4/16/2007	mg/L	2.1
Vinyl chloride	MW 8	7/10/2007	mg/L	2.3
Vinyl chloride	MW 8	10/15/2007	mg/L	2.4
Vinyl chloride	MW 8	6/27/2008	mg/L	5.5
Vinyl chloride	MW 8	12/15/2009	mg/L	0.027
Vinyl chloride	MW 8	10/27/2010	mg/L	1.73
Vinyl chloride	MW 8	4/18/2011	mg/L	2.4
Vinyl chloride	MW 8	10/5/2011	mg/L	1.7
Vinyl chloride	MW 8	5/15/2012	mg/L	1.6
Vinyl chloride	MW 8	5/15/2012	mg/L	1.5
Vinyl chloride	MW 8	10/15/2012	mg/L	1.4
Vinyl chloride	MW 8	4/9/2013	mg/L	1.5
Vinyl chloride	MW 8	10/24/2013	mg/L	1.4
Vinyl chloride	MW 12	2/2/2005	mg/L	0.01 U
Vinyl chloride	MW 12	10/19/2005	mg/L	0.014 U / 0.0014 U
Vinyl chloride	MW 12	1/31/2006	mg/L	0.05 U
Vinyl chloride	MW 12	4/18/2006	mg/L	0.031 U
Vinyl chloride	MW 12	7/18/2006	mg/L	0.025 U / 0.025 U
Vinyl chloride	MW 12	10/19/2006	mg/L	0.042 U
Vinyl chloride	MW 12	1/22/2007	mg/L	0.025 U
Vinyl chloride	MW 12	4/18/2007	mg/L	0.017 U
Vinyl chloride	MW 12	7/11/2007	mg/L	0.00072 U
Vinyl chloride	MW 12	10/19/2007	mg/L	0.039 U
Vinyl chloride	MW 12	6/27/2008	mg/L	0.031 U
Vinyl chloride	MW 12	12/5/2008	mg/L	0.025 U
Vinyl chloride	MW 12	4/29/2009	mg/L	0.025 U
Vinyl chloride	MW 12	12/9/2009	mg/L	0.013 U
Vinyl chloride	MW 12	10/26/2010	mg/L	0.002 U
Vinyl chloride	MW 12	4/20/2011	mg/L	0.011 U
Vinyl chloride	MW 12	10/5/2011	mg/L	0.011 U
Vinyl chloride	MW 12	5/15/2012	mg/L	0.0091 U
Vinyl chloride	MW 12	10/11/2012	mg/L	0.0067 U
Vinyl chloride	MW 12	4/9/2013	mg/L	0.01 U
Vinyl chloride	MW 12	10/23/2013	mg/L	0.0077 U
Vinyl chloride	MW 14	2/2/2005	mg/L	0.41
Vinyl chloride	MW 14	10/17/2005	mg/L	0.4
Vinyl chloride	MW 14	2/1/2006	mg/L	0.37 J
Vinyl chloride	MW 14	4/18/2006	mg/L	0.22 J
Vinyl chloride	MW 14	7/19/2006	mg/L	0.26
Vinyl chloride	MW 14	10/18/2006	mg/L	0.24 J
Vinyl chloride	MW 14	1/24/2007	mg/L	0.31
Vinyl chloride	MW 14	4/17/2007	mg/L	0.39
Vinyl chloride	MW 14	7/9/2007	mg/L	0.38
Vinyl chloride	MW 14	10/16/2007	mg/L	0.51
Vinyl chloride	MW 14	6/30/2008	mg/L	0.49 J
Vinyl chloride	MW 14	12/5/2008	mg/L	0.29 J
Vinyl chloride	MW 14	4/29/2009	mg/L	0.44
Vinyl chloride	MW 14	12/15/2009	mg/L	0.0087 J



TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 14	10/27/2010	mg/L	0.228
Vinyl chloride	MW 14	4/18/2011	mg/L	0.23
Vinyl chloride	MW 14	10/5/2011	mg/L	0.19 J
Vinyl chloride	MW 14	5/15/2012	mg/L	0.2
Vinyl chloride	MW 14	10/15/2012	mg/L	0.2
Vinyl chloride	MW 14	4/9/2013	mg/L	0.18
Vinyl chloride	MW 14	4/9/2013	mg/L	0.19
Vinyl chloride	MW 14	10/25/2013	mg/L	0.22 J
Vinyl chloride	MW 14	10/25/2013	mg/L	0.25
Vinyl chloride	MW 28	10/18/2005	mg/L	0.1
Vinyl chloride	MW 28	10/19/2006	mg/L	0.071
Vinyl chloride	MW 28	10/18/2007	mg/L	0.093
Vinyl chloride	MW 28	6/24/2008	mg/L	0.077
Vinyl chloride	MW 28	12/4/2008	mg/L	0.057
Vinyl chloride	MW 28	4/29/2009	mg/L	0.1
Vinyl chloride	MW 28	12/4/2009	mg/L	0.17
Vinyl chloride	MW 28	10/26/2010	mg/L	0.0822
Vinyl chloride	MW 28	4/19/2011	mg/L	0.062
Vinyl chloride	MW 28	10/3/2011	mg/L	0.078
Vinyl chloride	MW 28	5/14/2012	mg/L	0.089
Vinyl chloride	MW 28	10/10/2012	mg/L	0.093
Vinyl chloride	MW 28	4/10/2013	mg/L	0.17
Vinyl chloride	MW 28	10/23/2013	mg/L	0.14
Vinyl chloride	MW 31R	10/18/2005	mg/L	13
Vinyl chloride	MW 31R	1/31/2006	mg/L	6
Vinyl chloride	MW 31R	4/19/2006	mg/L	2.8
Vinyl chloride	MW 31R	7/19/2006	mg/L	9.8
Vinyl chloride	MW 31R	10/17/2006	mg/L	7.6
Vinyl chloride	MW 31R	10/17/2006	mg/L	7.2
Vinyl chloride	MW 31R	1/23/2007	mg/L	5.9
Vinyl chloride	MW 31R	1/23/2007	mg/L	6.2
Vinyl chloride	MW 31R	4/17/2007	mg/L	2.4
Vinyl chloride	MW 31R	7/11/2007	mg/L	6.6
Vinyl chloride	MW 31R	10/17/2007	mg/L	6.2
Vinyl chloride	MW 31R	2/14/2008	mg/L	5
Vinyl chloride	MW 31R	2/14/2008	mg/L	5.3
Vinyl chloride	MW 31R	12/4/2008	mg/L	3.2
Vinyl chloride	MW 31R	4/29/2009	mg/L	1.5
Vinyl chloride	MW 31R	12/15/2009	mg/L	0.7
Vinyl chloride	MW 31R	10/28/2010	mg/L	1.57
Vinyl chloride	MW 31R	4/18/2011	mg/L	0.64
Vinyl chloride	MW 31R	10/4/2011	mg/L	1.2
Vinyl chloride	MW 31R	5/15/2012	mg/L	2.3
Vinyl chloride	MW 31R	10/15/2012	mg/L	1.3
Vinyl chloride	MW 31R	4/9/2013	mg/L	1.3
Vinyl chloride	MW 31R	10/24/2013	mg/L	1.6
Vinyl chloride	MW 37	1/18/2005	mg/L	0.001 U
Vinyl chloride	MW 37	1/18/2005	mg/L	0.001 U
Vinyl chloride	MW 37	10/17/2007	mg/L	0.001 U
Vinyl chloride	MW 37	6/26/2008	mg/L	0.001 U
Vinyl chloride	MW 37	12/16/2009	mg/L	0.001 U
Vinyl chloride	MW 37	10/27/2010	mg/L	0.001 U
Vinyl chloride	MW 37	10/5/2011	mg/L	0.001 U
Vinyl chloride	MW 37	10/17/2012	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 37	10/17/2012	mg/L	0.001 U
Vinyl chloride	MW 37	10/25/2013	mg/L	0.001 U
Vinyl chloride	MW 40	1/12/2005	mg/L	0.49
Vinyl chloride	MW 40	10/18/2005	mg/L	1.4
Vinyl chloride	MW 40	1/30/2006	mg/L	0.76
Vinyl chloride	MW 40	4/17/2006	mg/L	0.43 J
Vinyl chloride	MW 40	7/19/2006	mg/L	1
Vinyl chloride	MW 40	10/18/2006	mg/L	0.84
Vinyl chloride	MW 40	1/23/2007	mg/L	1.1
Vinyl chloride	MW 40	4/18/2007	mg/L	0.89
Vinyl chloride	MW 40	7/10/2007	mg/L	0.97
Vinyl chloride	MW 40	10/18/2007	mg/L	1.3
Vinyl chloride	MW 40	2/15/2008	mg/L	2.1
Vinyl chloride	MW 40	6/26/2008	mg/L	1.2
Vinyl chloride	MW 40	12/3/2008	mg/L	1.5
Vinyl chloride	MW 40	12/3/2008	mg/L	1.7
Vinyl chloride	MW 40	4/30/2009	mg/L	2.1
Vinyl chloride	MW 40	12/9/2009	mg/L	2.1
Vinyl chloride	MW 40	10/26/2010	mg/L	1.18
Vinyl chloride	MW 40	4/19/2011	mg/L	0.99
Vinyl chloride	MW 40	10/4/2011	mg/L	0.99
Vinyl chloride	MW 40	5/14/2012	mg/L	0.94
Vinyl chloride	MW 40	10/10/2012	mg/L	0.65
Vinyl chloride	MW 40	4/9/2013	mg/L	0.99
Vinyl chloride	MW 40	10/24/2013	mg/L	1.2
Vinyl chloride	MW 41	10/17/2005	mg/L	0.14 J
Vinyl chloride	MW 41	1/30/2006	mg/L	0.28 J
Vinyl chloride	MW 41	4/17/2006	mg/L	0.14 J
Vinyl chloride	MW 41	4/17/2006	mg/L	0.13 J
Vinyl chloride	MW 41	7/18/2006	mg/L	0.26 J
Vinyl chloride	MW 41	10/18/2006	mg/L	0.19 J
Vinyl chloride	MW 41	1/23/2007	mg/L	0.23 J
Vinyl chloride	MW 41	4/18/2007	mg/L	0.29
Vinyl chloride	MW 41	4/18/2007	mg/L	0.27
Vinyl chloride	MW 41	7/10/2007	mg/L	0.33 J
Vinyl chloride	MW 41	10/18/2007	mg/L	0.4 J
Vinyl chloride	MW 41	2/15/2008	mg/L	0.38 J
Vinyl chloride	MW 41	6/24/2008	mg/L	0.22 J
Vinyl chloride	MW 41	12/3/2008	mg/L	0.36 J
Vinyl chloride	MW 41	4/28/2009	mg/L	0.4 J
Vinyl chloride	MW 41	12/3/2009	mg/L	0.39
Vinyl chloride	MW 41	10/25/2010	mg/L	0.256
Vinyl chloride	MW 41	4/19/2011	mg/L	0.3
Vinyl chloride	MW 41	10/4/2011	mg/L	0.51
Vinyl chloride	MW 41	5/14/2012	mg/L	0.61
Vinyl chloride	MW 41	10/10/2012	mg/L	0.66
Vinyl chloride	MW 41	4/9/2013	mg/L	0.61
Vinyl chloride	MW 41	10/25/2013	mg/L	0.55
Vinyl chloride	MW 42	10/18/2005	mg/L	0.25 J
Vinyl chloride	MW 42	1/30/2006	mg/L	0.15 J
Vinyl chloride	MW 42	1/30/2006	mg/L	0.18 J
Vinyl chloride	MW 42	4/17/2006	mg/L	0.089 J
Vinyl chloride	MW 42	7/18/2006	mg/L	0.13 J
Vinyl chloride	MW 42	10/18/2006	mg/L	0.084 J

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 42	1/23/2007	mg/L	0.5 U
Vinyl chloride	MW 42	1/23/2007	mg/L	0.5 U
Vinyl chloride	MW 42	4/18/2007	mg/L	0.12
Vinyl chloride	MW 42	7/10/2007	mg/L	0.13 J
Vinyl chloride	MW 42	10/18/2007	mg/L	0.11 J
Vinyl chloride	MW 42	2/15/2008	mg/L	0.13 J
Vinyl chloride	MW 42	6/24/2008	mg/L	0.13 J
Vinyl chloride	MW 42	12/3/2008	mg/L	0.18 J
Vinyl chloride	MW 42	4/28/2009	mg/L	0.21 J
Vinyl chloride	MW 42	12/3/2009	mg/L	0.2 J
Vinyl chloride	MW 42	10/25/2010	mg/L	0.128
Vinyl chloride	MW 42	4/19/2011	mg/L	0.17
Vinyl chloride	MW 42	10/4/2011	mg/L	0.13 J
Vinyl chloride	MW 42	5/14/2012	mg/L	0.11 J
Vinyl chloride	MW 42	10/10/2012	mg/L	0.1 J
Vinyl chloride	MW 42	4/9/2013	mg/L	0.14 J
Vinyl chloride	MW 42	10/25/2013	mg/L	0.12 J
Vinyl chloride	MW 46	1/12/2005	mg/L	0.001 U
Vinyl chloride	MW 46	10/19/2007	mg/L	0.001 U
Vinyl chloride	MW 46	10/19/2007	mg/L	0.001 U
Vinyl chloride	MW 46	6/27/2008	mg/L	0.001 U
Vinyl chloride	MW 46	12/16/2009	mg/L	0.001 U
Vinyl chloride	MW 46	10/26/2010	mg/L	0.002 U
Vinyl chloride	MW 46	10/5/2011	mg/L	0.001 U
Vinyl chloride	MW 46	10/17/2012	mg/L	0.001 U
Vinyl chloride	MW 46	10/25/2013	mg/L	0.001 U
Vinyl chloride	MW 49	1/12/2005	mg/L	0.013
Vinyl chloride	MW 49	10/19/2007	mg/L	0.085
Vinyl chloride	MW 49	2/15/2008	mg/L	0.057
Vinyl chloride	MW 49	6/30/2008	mg/L	0.066
Vinyl chloride	MW 49	12/5/2008	mg/L	0.069
Vinyl chloride	MW 49	4/29/2009	mg/L	0.045
Vinyl chloride	MW 49	12/4/2009	mg/L	0.07
Vinyl chloride	MW 49	10/27/2010	mg/L	0.0465
Vinyl chloride	MW 49	4/19/2011	mg/L	0.022
Vinyl chloride	MW 49	10/5/2011	mg/L	0.025
Vinyl chloride	MW 49	5/15/2012	mg/L	0.025
Vinyl chloride	MW 49	10/17/2012	mg/L	0.03 J
Vinyl chloride	MW 49	4/10/2013	mg/L	0.027 J
Vinyl chloride	MW 49	10/25/2013	mg/L	0.033
Vinyl chloride	MW 51	12/5/2008	mg/L	0.017 U
Vinyl chloride	MW 51	12/5/2008	mg/L	0.017 U
Vinyl chloride	MW 51	4/29/2009	mg/L	0.011 U
Vinyl chloride	MW 51	12/14/2009	mg/L	0.0083 U
Vinyl chloride	MW 51	10/27/2010	mg/L	0.001 U
Vinyl chloride	MW 51	4/20/2011	mg/L	0.0067 U
Vinyl chloride	MW 51	10/5/2011	mg/L	0.0091 U
Vinyl chloride	MW 51	5/14/2012	mg/L	0.0057 U
Vinyl chloride	MW 51	10/12/2012	mg/L	0.0067 U
Vinyl chloride	MW 51	4/9/2013	mg/L	0.003 J
Vinyl chloride	MW 51	10/23/2013	mg/L	0.0029 J
Vinyl chloride	MW 56	1/11/2005	mg/L	0.001 U
Vinyl chloride	MW 56	10/19/2005	mg/L	0.001 U
Vinyl chloride	MW 56	10/18/2006	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 56	10/18/2007	mg/L	0.001 U
Vinyl chloride	MW 56	6/26/2008	mg/L	0.001 U
Vinyl chloride	MW 56	12/17/2009	mg/L	0.001 U
Vinyl chloride	MW 56	10/28/2010	mg/L	0.001 U
Vinyl chloride	MW 56	10/6/2011	mg/L	0.001 U
Vinyl chloride	MW 56	10/16/2012	mg/L	0.001 U
Vinyl chloride	MW 56	10/29/2013	mg/L	0.001 U
Vinyl chloride	MW 57	1/10/2005	mg/L	0.001 U
Vinyl chloride	MW 57	10/19/2005	mg/L	0.001 U
Vinyl chloride	MW 57	2/1/2006	mg/L	0.001 U
Vinyl chloride	MW 57	4/18/2006	mg/L	0.001 U
Vinyl chloride	MW 57	7/18/2006	mg/L	0.001 U
Vinyl chloride	MW 57	10/17/2006	mg/L	0.00083 J
Vinyl chloride	MW 57	1/24/2007	mg/L	0.001 U
Vinyl chloride	MW 57	4/16/2007	mg/L	0.001 U
Vinyl chloride	MW 57	7/10/2007	mg/L	0.00018 J
Vinyl chloride	MW 57	10/17/2007	mg/L	0.001 U
Vinyl chloride	MW 57	6/25/2008	mg/L	0.001 U
Vinyl chloride	MW 57	12/16/2009	mg/L	0.0016
Vinyl chloride	MW 57	10/28/2010	mg/L	0.001 U
Vinyl chloride	MW 57	10/28/2010	mg/L	0.001 U
Vinyl chloride	MW 57	10/6/2011	mg/L	0.001 U
Vinyl chloride	MW 57	10/16/2012	mg/L	0.0042
Vinyl chloride	MW 57	10/29/2013	mg/L	0.0062
Vinyl chloride	MW 58	1/10/2005	mg/L	0.001 U
Vinyl chloride	MW 58	10/19/2005	mg/L	0.001 U
Vinyl chloride	MW 58	10/17/2006	mg/L	0.0013
Vinyl chloride	MW 58	10/17/2007	mg/L	0.011
Vinyl chloride	MW 58	2/18/2008	mg/L	0.016
Vinyl chloride	MW 58	6/25/2008	mg/L	0.026
Vinyl chloride	MW 58	12/17/2009	mg/L	0.11
Vinyl chloride	MW 58	10/28/2010	mg/L	0.158
Vinyl chloride	MW 58	10/6/2011	mg/L	0.12
Vinyl chloride	MW 58	10/16/2012	mg/L	0.14
Vinyl chloride	MW 58	10/16/2012	mg/L	0.15
Vinyl chloride	MW 58	10/29/2013	mg/L	0.11
Vinyl chloride	MW 61	1/11/2005	mg/L	0.001 U
Vinyl chloride	MW 61	6/24/2008	mg/L	0.001 U
Vinyl chloride	MW 61	12/3/2009	mg/L	0.001 U
Vinyl chloride	MW 61	10/26/2010	mg/L	0.002 U
Vinyl chloride	MW 61	10/26/2010	mg/L	0.002 U
Vinyl chloride	MW 61	10/3/2011	mg/L	0.00029 J
Vinyl chloride	MW 61	10/10/2012	mg/L	0.001 U
Vinyl chloride	MW 61	10/23/2013	mg/L	0.001 U
Vinyl chloride	MW 64	1/11/2005	mg/L	0.001 U
Vinyl chloride	MW 64	10/19/2005	mg/L	0.0015
Vinyl chloride	MW 64	10/18/2006	mg/L	0.0013
Vinyl chloride	MW 64	10/19/2007	mg/L	0.009
Vinyl chloride	MW 64	2/18/2008	mg/L	0.0054
Vinyl chloride	MW 64	2/18/2008	mg/L	0.005
Vinyl chloride	MW 64	6/26/2008	mg/L	0.0011
Vinyl chloride	MW 64	12/8/2009	mg/L	0.01
Vinyl chloride	MW 64	12/8/2009	mg/L	0.013
Vinyl chloride	MW 64	10/25/2010	mg/L	0.016

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 64	10/3/2011	mg/L	0.032
Vinyl chloride	MW 64	10/11/2012	mg/L	0.027
Vinyl chloride	MW 64	10/11/2012	mg/L	0.027
Vinyl chloride	MW 64	10/22/2013	mg/L	0.045
Vinyl chloride	MW 65	1/10/2005	mg/L	0.54
Vinyl chloride	MW 65	10/18/2007	mg/L	0.68
Vinyl chloride	MW 65	2/15/2008	mg/L	0.77
Vinyl chloride	MW 65	6/27/2008	mg/L	1.2 J
Vinyl chloride	MW 65	12/4/2008	mg/L	0.54
Vinyl chloride	MW 65	4/28/2009	mg/L	0.69
Vinyl chloride	MW 65	12/4/2009	mg/L	0.67
Vinyl chloride	MW 65	10/25/2010	mg/L	0.05 U
Vinyl chloride	MW 65	10/3/2011	mg/L	0.04 U
Vinyl chloride	MW 65	10/11/2012	mg/L	0.014 U
Vinyl chloride	MW 65	10/22/2013	mg/L	0.0025 J
Vinyl chloride	MW 66	1/11/2005	mg/L	0.003
Vinyl chloride	MW 66	1/11/2005	mg/L	0.0031
Vinyl chloride	MW 66	10/18/2005	mg/L	0.0067
Vinyl chloride	MW 66	10/18/2006	mg/L	0.014
Vinyl chloride	MW 66	10/19/2007	mg/L	0.015
Vinyl chloride	MW 66	10/19/2007	mg/L	0.015
Vinyl chloride	MW 66	2/18/2008	mg/L	0.02
Vinyl chloride	MW 66	6/26/2008	mg/L	0.02
Vinyl chloride	MW 66	12/4/2008	mg/L	0.0071
Vinyl chloride	MW 66	4/28/2009	mg/L	0.027
Vinyl chloride	MW 66	4/28/2009	mg/L	0.027
Vinyl chloride	MW 66	12/8/2009	mg/L	0.023
Vinyl chloride	MW 66	10/25/2010	mg/L	0.027
Vinyl chloride	MW 66	4/19/2011	mg/L	0.046
Vinyl chloride	MW 66	4/19/2011	mg/L	0.045
Vinyl chloride	MW 66	10/3/2011	mg/L	0.14
Vinyl chloride	MW 66	5/14/2012	mg/L	0.25
Vinyl chloride	MW 66	10/11/2012	mg/L	0.25
Vinyl chloride	MW 66	4/10/2013	mg/L	0.3
Vinyl chloride	MW 66	10/22/2013	mg/L	0.16
Vinyl chloride	MW 68	1/18/2005	mg/L	0.16
Vinyl chloride	MW 68	10/19/2005	mg/L	0.35 J
Vinyl chloride	MW 68	10/19/2005	mg/L	0.36 J
Vinyl chloride	MW 68	1/31/2006	mg/L	0.23 J
Vinyl chloride	MW 68	4/18/2006	mg/L	0.19 J
Vinyl chloride	MW 68	7/19/2006	mg/L	0.16 J
Vinyl chloride	MW 68	10/19/2006	mg/L	0.14 J
Vinyl chloride	MW 68	1/23/2007	mg/L	0.14 J
Vinyl chloride	MW 68	4/18/2007	mg/L	0.26
Vinyl chloride	MW 68	7/9/2007	mg/L	0.33 J
Vinyl chloride	MW 68	10/16/2007	mg/L	0.43 J
Vinyl chloride	MW 68	2/19/2008	mg/L	0.26
Vinyl chloride	MW 68	6/27/2008	mg/L	0.34 J
Vinyl chloride	MW 68	12/5/2008	mg/L	0.24 J
Vinyl chloride	MW 68	4/29/2009	mg/L	0.33 J
Vinyl chloride	MW 68	12/16/2009	mg/L	0.22 J
Vinyl chloride	MW 68	12/16/2009	mg/L	0.23 J
Vinyl chloride	MW 68	10/26/2010	mg/L	0.181
Vinyl chloride	MW 68	4/18/2011	mg/L	0.097 J

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 68	10/4/2011	mg/L	0.16 J
Vinyl chloride	MW 68	10/4/2011	mg/L	0.16 J
Vinyl chloride	MW 68	5/14/2012	mg/L	0.25
Vinyl chloride	MW 68	10/12/2012	mg/L	0.24
Vinyl chloride	MW 68	4/10/2013	mg/L	0.21 J
Vinyl chloride	MW 68	4/10/2013	mg/L	0.19 J
Vinyl chloride	MW 68	10/23/2013	mg/L	0.24 J
Vinyl chloride	MW 75	1/14/2005	mg/L	0.001 U
Vinyl chloride	MW 75	10/19/2005	mg/L	0.001 U
Vinyl chloride	MW 75	10/19/2006	mg/L	0.001 U
Vinyl chloride	MW 75	10/16/2007	mg/L	0.001 U
Vinyl chloride	MW 75	6/30/2008	mg/L	0.001 U
Vinyl chloride	MW 75	10/27/2010	mg/L	0.001 U
Vinyl chloride	MW 75	10/5/2011	mg/L	0.001 U
Vinyl chloride	MW 75	10/12/2012	mg/L	0.001 U
Vinyl chloride	MW 75	10/23/2013	mg/L	0.001 U
Vinyl chloride	MW 76	1/14/2005	mg/L	0.001 U
Vinyl chloride	MW 76	10/20/2005	mg/L	0.001 U
Vinyl chloride	MW 76	10/19/2006	mg/L	0.001 U
Vinyl chloride	MW 76	10/16/2007	mg/L	0.001 U
Vinyl chloride	MW 76	10/27/2010	mg/L	0.001 U
Vinyl chloride	MW 76	10/5/2011	mg/L	0.001 U
Vinyl chloride	MW 76	10/5/2011	mg/L	0.001 U
Vinyl chloride	MW 76	10/12/2012	mg/L	0.001 U
Vinyl chloride	MW 76	10/23/2013	mg/L	0.00046 J
Vinyl chloride	MW 76	10/23/2013	mg/L	0.00048 J
Vinyl chloride	MW 79	1/13/2005	mg/L	0.24
Vinyl chloride	MW 79	10/15/2007	mg/L	0.33
Vinyl chloride	MW 79	12/5/2008	mg/L	0.2
Vinyl chloride	MW 79	4/29/2009	mg/L	0.22
Vinyl chloride	MW 79	12/14/2009	mg/L	0.27
Vinyl chloride	MW 79	10/27/2010	mg/L	0.185
Vinyl chloride	MW 79	4/20/2011	mg/L	0.13
Vinyl chloride	MW 79	10/4/2011	mg/L	0.14
Vinyl chloride	MW 79	5/15/2012	mg/L	0.12
Vinyl chloride	MW 79	10/15/2012	mg/L	0.15
Vinyl chloride	MW 79	10/15/2012	mg/L	0.14
Vinyl chloride	MW 79	4/9/2013	mg/L	0.15
Vinyl chloride	MW 79	10/28/2013	mg/L	0.16
Vinyl chloride	MW 80	3/9/2005	mg/L	0.11
Vinyl chloride	MW 80	3/9/2005	mg/L	0.12
Vinyl chloride	MW 80	10/18/2005	mg/L	0.15
Vinyl chloride	MW 80	10/18/2006	mg/L	0.033
Vinyl chloride	MW 80	10/17/2007	mg/L	0.042
Vinyl chloride	MW 80	6/27/2008	mg/L	0.068 J
Vinyl chloride	MW 80	6/27/2008	mg/L	0.093 J
Vinyl chloride	MW 80	12/8/2009	mg/L	0.069
Vinyl chloride	MW 80	10/25/2010	mg/L	0.0134
Vinyl chloride	MW 80	10/3/2011	mg/L	0.015
Vinyl chloride	MW 80	10/11/2012	mg/L	0.025
Vinyl chloride	MW 80	10/22/2013	mg/L	0.045
Vinyl chloride	MW 81	3/9/2005	mg/L	0.0034
Vinyl chloride	MW 81	3/30/2005	mg/L	0.004 J
Vinyl chloride	MW 81	10/19/2005	mg/L	0.0058

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 81	10/18/2006	mg/L	0.0062
Vinyl chloride	MW 81	10/18/2006	mg/L	0.0062
Vinyl chloride	MW 81	10/18/2007	mg/L	0.0092
Vinyl chloride	MW 81	2/15/2008	mg/L	0.013
Vinyl chloride	MW 81	6/26/2008	mg/L	0.016
Vinyl chloride	MW 81	12/4/2009	mg/L	0.026
Vinyl chloride	MW 81	10/25/2010	mg/L	0.0268
Vinyl chloride	MW 81	10/3/2011	mg/L	0.05
Vinyl chloride	MW 81	10/11/2012	mg/L	0.051
Vinyl chloride	MW 81	10/22/2013	mg/L	0.066
Vinyl chloride	MW 82	3/9/2005	mg/L	0.001 U
Vinyl chloride	MW 82	10/20/2005	mg/L	0.001 U
Vinyl chloride	MW 82	10/19/2006	mg/L	0.001 U
Vinyl chloride	MW 82	10/16/2007	mg/L	0.001 U
Vinyl chloride	MW 82	6/27/2008	mg/L	0.001 U
Vinyl chloride	MW 82	12/15/2009	mg/L	0.001 U
Vinyl chloride	MW 82	10/27/2010	mg/L	0.001 U
Vinyl chloride	MW 82	10/4/2011	mg/L	0.001 U
Vinyl chloride	MW 82	10/23/2013	mg/L	0.001 U
Vinyl chloride	MW 83	3/9/2005	mg/L	0.001 U
Vinyl chloride	MW 83	10/18/2005	mg/L	0.001 U
Vinyl chloride	MW 83	10/18/2006	mg/L	0.001 U
Vinyl chloride	MW 83	10/18/2007	mg/L	0.001 U
Vinyl chloride	MW 83	6/27/2008	mg/L	0.001 U
Vinyl chloride	MW 83	12/8/2009	mg/L	0.001 U
Vinyl chloride	MW 83	10/26/2010	mg/L	0.002 U
Vinyl chloride	MW 83	10/4/2011	mg/L	0.0003 J
Vinyl chloride	MW 83	10/10/2012	mg/L	0.00045 J
Vinyl chloride	MW 83	10/24/2013	mg/L	0.0015
Vinyl chloride	MW 85	2/19/2008	mg/L	0.36
Vinyl chloride	MW 85	6/25/2008	mg/L	0.25
Vinyl chloride	MW 85	12/4/2008	mg/L	0.5
Vinyl chloride	MW 85	4/30/2009	mg/L	0.48
Vinyl chloride	MW 85	12/17/2009	mg/L	0.76
Vinyl chloride	MW 85	10/28/2010	mg/L	0.808
Vinyl chloride	MW 85	4/20/2011	mg/L	0.45
Vinyl chloride	MW 85	10/6/2011	mg/L	0.51
Vinyl chloride	MW 85	5/16/2012	mg/L	0.59
Vinyl chloride	MW 85	10/16/2012	mg/L	0.77
Vinyl chloride	MW 85	4/12/2013	mg/L	0.69
Vinyl chloride	MW 85	10/29/2013	mg/L	0.64
Vinyl chloride	MW 86	10/28/2010	mg/L	0.001 U
Vinyl chloride	MW 86	10/28/2010	mg/L	0.002 U
Vinyl chloride	MW 86	10/4/2011	mg/L	0.001 U
Vinyl chloride	MW 86	10/11/2012	mg/L	0.001 U
Vinyl chloride	MW 86	10/22/2013	mg/L	0.001 U
Vinyl chloride	MW 88	10/29/2010	mg/L	0.002 U
Vinyl chloride	MW 88	10/3/2011	mg/L	0.001 U
Vinyl chloride	MW 88	10/11/2012	mg/L	0.001 U
Vinyl chloride	MW 88	10/22/2013	mg/L	0.001 U
Vinyl chloride	MW 89-11	12/8/2011	mg/L	0.001 U
Vinyl chloride	MW 89-11	12/8/2011	mg/L	0.001 U
Vinyl chloride	MW 89-11	10/17/2012	mg/L	0.001 U
Vinyl chloride	MW 89-11	4/12/2013	mg/L	0.001 U

TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	MW 89-11	4/12/2013	mg/L	0.001 U
Vinyl chloride	MW 89-11	10/28/2013	mg/L	0.001 U
Vinyl chloride	Pond Intake	1/11/2005	mg/L	0.0056
Vinyl chloride	Pond Intake	4/19/2005	mg/L	0.001 U
Vinyl chloride	Pond Intake	10/17/2005	mg/L	0.001 U
Vinyl chloride	Pond Intake	2/1/2006	mg/L	0.001 U
Vinyl chloride	Pond Intake	4/17/2006	mg/L	0.001 U
Vinyl chloride	Pond Intake	7/18/2006	mg/L	0.001 U
Vinyl chloride	Pond Intake	10/17/2006	mg/L	0.001 U
Vinyl chloride	Pond Intake	1/22/2007	mg/L	0.006
Vinyl chloride	Pond Intake	4/16/2007	mg/L	0.00038 J
Vinyl chloride	Pond Intake	5/9/2007	mg/L	0.00047 J
Vinyl chloride	Pond Intake	6/18/2007	mg/L	0.00052 J
Vinyl chloride	Pond Intake	7/10/2007	mg/L	0.001 U
Vinyl chloride	Pond Intake	8/15/2007	mg/L	0.0004 J
Vinyl chloride	Pond Intake	9/27/2007	mg/L	0.00029 J
Vinyl chloride	Pond Intake	10/17/2007	mg/L	0.001 U
Vinyl chloride	Pond Intake	11/9/2007	mg/L	0.001 U
Vinyl chloride	Pond Intake	12/4/2007	mg/L	0.001 U
Vinyl chloride	Pond Intake	2/18/2008	mg/L	0.0022
Vinyl chloride	Pond Intake	6/25/2008	mg/L	0.0031
Vinyl chloride	Pond Intake	9/23/2008	mg/L	0.001 U
Vinyl chloride	Pond Intake	12/4/2008	mg/L	0.001 U
Vinyl chloride	Pond Intake	3/4/2009	mg/L	0.0012
Vinyl chloride	Pond Intake	3/4/2009	mg/L	0.0013
Vinyl chloride	Pond Intake	4/30/2009	mg/L	0.0031
Vinyl chloride	Pond Intake	7/30/2009	mg/L	0.0017
Vinyl chloride	Pond Intake	7/30/2009	mg/L	0.0017
Vinyl chloride	Pond Intake	12/17/2009	mg/L	0.0015
Vinyl chloride	Pond Intake	8/4/2010	mg/L	0.0049
Vinyl chloride	Pond Intake	10/28/2010	mg/L	0.001 U
Vinyl chloride	Pond Intake	4/20/2011	mg/L	0.0019
Vinyl chloride	Pond Intake	7/28/2011	mg/L	0.0042
Vinyl chloride	Pond Intake	10/6/2011	mg/L	0.0021
Vinyl chloride	Pond Intake	10/6/2011	mg/L	0.0022
Vinyl chloride	Pond Intake	5/16/2012	mg/L	0.0038
Vinyl chloride	Pond Intake	8/2/2012	mg/L	0.0048
Vinyl chloride	Pond Intake	10/16/2012	mg/L	0.00067 J
Vinyl chloride	Pond Intake	4/12/2013	mg/L	0.0046
Vinyl chloride	Pond Intake	7/17/2013	mg/L	0.0048
Vinyl chloride	Pond Intake	10/29/2013	mg/L	0.0022
Vinyl chloride	Pond North	1/11/2005	mg/L	0.013
Vinyl chloride	Pond North	4/19/2005	mg/L	0.001 U
Vinyl chloride	Pond North	10/17/2005	mg/L	0.001 U
Vinyl chloride	Pond North	2/1/2006	mg/L	0.001 U
Vinyl chloride	Pond North	4/17/2006	mg/L	0.001 U
Vinyl chloride	Pond North	7/18/2006	mg/L	0.001 U
Vinyl chloride	Pond North	10/17/2006	mg/L	0.001 U
Vinyl chloride	Pond North	1/22/2007	mg/L	0.0067 J
Vinyl chloride	Pond North	4/16/2007	mg/L	0.024
Vinyl chloride	Pond North	5/9/2007	mg/L	0.001 U
Vinyl chloride	Pond North	6/18/2007	mg/L	0.00083 J
Vinyl chloride	Pond North	7/10/2007	mg/L	0.00035 J
Vinyl chloride	Pond North	8/15/2007	mg/L	0.0005 J

**Note**





TABLE B.1

**GROUNDWATER DATA**  
**2013 ANNUAL GROUNDWATER MONITORING REPORT**  
**2915 DR. MARTIN LUTHER KING JR. BOULEVARD,**  
**ANDERSON, INDIANA**

<i>Analyte</i>	<i>Location</i>	<i>Date</i>	<i>Unit</i>	<i>Result</i>
Vinyl chloride	Pond North	9/27/2007	mg/L	0.00084 J
Vinyl chloride	Pond North	10/17/2007	mg/L	0.00072 J
Vinyl chloride	Pond North	11/9/2007	mg/L	0.001 U
Vinyl chloride	Pond North	12/4/2007	mg/L	0.001 U
Vinyl chloride	Pond North	2/18/2008	mg/L	0.0022
Vinyl chloride	Pond North	6/25/2008	mg/L	0.0035
Vinyl chloride	Pond North	9/23/2008	mg/L	0.0012
Vinyl chloride	Pond North	9/23/2008	mg/L	0.0013
Vinyl chloride	Pond North	12/4/2008	mg/L	0.001 U
Vinyl chloride	Pond North	3/4/2009	mg/L	0.0012
Vinyl chloride	Pond North	4/30/2009	mg/L	0.0039
Vinyl chloride	Pond North	7/30/2009	mg/L	0.0018
Vinyl chloride	Pond North	12/17/2009	mg/L	0.5
Vinyl chloride	Pond North	8/4/2010	mg/L	0.004
Vinyl chloride	Pond North	8/4/2010	mg/L	0.0051
Vinyl chloride	Pond North	10/28/2010	mg/L	0.001 U
Vinyl chloride	Pond North	4/20/2011	mg/L	0.0043
Vinyl chloride	Pond North	7/28/2011	mg/L	0.0088
Vinyl chloride	Pond North	7/28/2011	mg/L	0.0067
Vinyl chloride	Pond North	10/6/2011	mg/L	0.012
Vinyl chloride	Pond North	5/16/2012	mg/L	0.014
Vinyl chloride	Pond North	5/16/2012	mg/L	0.014
Vinyl chloride	Pond North	8/2/2012	mg/L	0.012
Vinyl chloride	Pond North	8/2/2012	mg/L	0.011
Vinyl chloride	Pond North	10/16/2012	mg/L	0.012
Vinyl chloride	Pond North	4/12/2013	mg/L	0.0081
Vinyl chloride	Pond North	7/17/2013	mg/L	0.014
Vinyl chloride	Pond North	7/17/2013	mg/L	0.014
Vinyl chloride	Pond North	10/29/2013	mg/L	0.0033

TABLE B.2

DESCRIPTIVE STATISTICS AND TREND TEST RESULTS  
 2013 ANNUAL GROUNDWATER MONITORING REPORT  
 2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
 ANDERSON, INDIANA

Location	Analyte	Units	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum	Maximum	Number of Outliers	Mann-Kendall Trend test			Sen's Slope (units/day)	
										Statistic	Probability	Confidence in trend		Conclusion
MW-2	TCE	mg/L	2007 -- 2013	9	0	0%	0.001 U	0.001 U	--	--	--	--	--	--
MW 3	TCE	mg/L	2005 -- 2013	22	22	100%	0.013	18	0	-1	0.500	50%	NT or Decreasing	0.0E+00
MW-4	TCE	mg/L	2005 -- 2013	22	9	41%	0.001 U	1.5	--	--	--	--	--	--
MW 8	TCE	mg/L	2005 -- 2013	19	19	100%	0.046	1.4	5	-18	0.724	28%	NT or Decreasing	-3.5E-05
MW 12	TCE	mg/L	2005 -- 2013	21	20	95%	0.003 J	0.16	0	-164	1.000	0%	NT or Decreasing	-3.0E-05
MW 14	TCE	mg/L	2005 -- 2013	21	2	10%	0.001 U	0.5 U	--	--	--	--	--	--
MW 28	TCE	mg/L	2005 -- 2013	14	1	7%	0.00015 J	0.0091 U	--	--	--	--	--	--
MW 31R <sup>(1)</sup>	TCE	mg/L	2005 -- 2013	16	16	100%	0.0416	2.5	0	-60	0.996	0.39%	NT or Decreasing	-4.0E-04
MW 37	TCE	mg/L	2005 -- 2013	8	0	0%	0.001 U	0.001 U	--	--	--	--	--	--
MW 40	TCE	mg/L	2005 -- 2013	22	6	27%	0.0013 U	0.83 U	--	--	--	--	--	--
MW 41	TCE	mg/L	2005 -- 2013	21	1	5%	0.00017 J	0.63 U	--	--	--	--	--	--
MW 42	TCE	mg/L	2005 -- 2013	21	1	5%	0.00011 J	0.71 U	--	--	--	--	--	--
MW 46	TCE	mg/L	2005 -- 2013	8	2	25%	0.00013 J	0.005 U	--	--	--	--	--	--
MW 49	TCE	mg/L	2005 -- 2013	14	5	36%	0.00041 J	0.033 U	--	--	--	--	--	--
MW 51	TCE	mg/L	2008 -- 2013	10	10	100%	0.18	0.3	3	-14	0.880	12%	NT or Decreasing	-3.4E-05
MW 56	TCE	mg/L	2005 -- 2013	10	1	10%	0.001 U	0.00067 J	--	--	--	--	--	--
MW 57	TCE	mg/L	2005 -- 2013	16	2	13%	0.00011 J	0.001 U	--	--	--	--	--	--
MW 58	TCE	mg/L	2005 -- 2013	11	2	18%	0.001 U	0.0059	--	--	--	--	--	--
MW 61	TCE	mg/L	2005 -- 2013	7	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 64	TCE	mg/L	2005 -- 2013	11	5	45%	0.00011 J	0.063	--	--	--	--	--	--
MW 65	TCE	mg/L	2005 -- 2013	11	0	0%	0.001 U	0.17 U	--	--	--	--	--	--
MW 66	TCE	mg/L	2005 -- 2013	16	1	6%	0.00034 J	0.025 U	--	--	--	--	--	--
MW 68	TCE	mg/L	2005 -- 2013	22	21	95%	0.1	2.6	0	131	1.2E-04	100%	Increasing	0.001
MW 75	TCE	mg/L	2005 -- 2013	9	0	0%	0.001 U	0.001 U	--	--	--	--	--	--
MW 76	TCE	mg/L	2005 -- 2013	8	1	13%	0.00021 J	0.001 U	--	--	--	--	--	--
MW 79	TCE	mg/L	2005 -- 2013	12	1	8%	0.001 U	0.12	--	--	--	--	--	--
MW 80	TCE	mg/L	2005 -- 2013	10	1	10%	0.00021 J	0.0083 U	--	--	--	--	--	--
MW 81	TCE	mg/L	2005 -- 2013	12	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 82	TCE	mg/L	2005 -- 2013	9	1	11%	0.001 U	0.00066 J	--	--	--	--	--	--
MW 83	TCE	mg/L	2005 -- 2013	10	1	10%	0.00023 J	0.005 U	--	--	--	--	--	--
MW 85	TCE	mg/L	2008 -- 2013	12	1	8%	0.001 U	0.17 U	--	--	--	--	--	--
MW 86	TCE	mg/L	2010 -- 2013	4	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 88	TCE	mg/L	2010 -- 2013	4	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 89-11	TCE	mg/L	2011 -- 2013	4	0	0%	0.001 U	0.001 U	--	--	--	--	--	--
Pond Intake	TCE	mg/L	2005 -- 2013	36	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
Pond North	TCE	mg/L	2005 -- 2013	36	0	0%	0.001 U	0.017 U	--	--	--	--	--	--

TABLE B.2

DESCRIPTIVE STATISTICS AND TREND TEST RESULTS  
2013 ANNUAL GROUNDWATER MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Location	Analyte	Units	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum	Maximum	Number of Outliers	Mann-Kendall Trend test				Sen's Slope (units/day)
										Statistic	Probability	Confidence in trend	Conclusion	
MW-2	cis-1,2-DCE	mg/L	2007 -- 2013	9	2	22%	0.00015 J	0.0021	--	--	--	--	--	--
MW 3	cis-1,2-DCE	mg/L	2005 -- 2013	22	21	95%	0.0042 U	12	0	18	0.316	68%	NT or Decreasing	3.5E-04
MW-4	cis-1,2-DCE	mg/L	2005 -- 2013	22	22	100%	5.4	23	1	60	0.048	95%	Increasing	0.002
MW 8	cis-1,2-DCE	mg/L	2005 -- 2013	19	19	100%	0.24	22	3	-73	0.994	1%	NT or Decreasing	-0.002
MW 12	cis-1,2-DCE	mg/L	2005 -- 2012	21	21	100%	0.2	1	0	-158	1.000	0%	NT or Decreasing	-1.9E-04
MW 14	cis-1,2-DCE	mg/L	2005 -- 2013	21	21	100%	0.33	7.7	1	-48	0.923	8%	NT or Decreasing	-0.001
MW 28	cis-1,2-DCE	mg/L	2005 -- 2013	14	4	29%	0.001 U	0.31	--	--	--	--	--	--
MW 31R	cis-1,2-DCE	mg/L	2005 -- 2013	20	20	100%	5.1	45	1	-79	0.994	1%	NT or Decreasing	-0.002
MW 37	cis-1,2-DCE	mg/L	2005 -- 2013	8	1	13%	0.001 U	0.0011	--	--	--	--	--	--
MW 40	cis-1,2-DCE	mg/L	2005 -- 2013	22	22	100%	6.7	17	0	-88	0.993	1%	NT or Decreasing	-0.002
MW 41	cis-1,2-DCE	mg/L	2005 -- 2013	21	21	100%	4.3	10	0	19	0.293	71%	NT or Decreasing	2.8E-04
MW 42	cis-1,2-DCE	mg/L	2005 -- 2013	21	21	100%	3.7	12	0	-95	0.998	0%	NT or Decreasing	-0.001
MW 46	cis-1,2-DCE	mg/L	2005 -- 2013	8	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 49	cis-1,2-DCE	mg/L	2005 -- 2013	14	14	100%	0.01	0.9	0	84	2.7E-06	100%	Increasing	3.7E-04
MW 51	cis-1,2-DCE	mg/L	2008 -- 2013	10	9	90%	0.0067 U	0.011	1	-6	0.673	33%	NT or Decreasing	-5.1E-07
MW 56	cis-1,2-DCE	mg/L	2005 -- 2013	10	2	20%	0.001 U	0.003	--	--	--	--	--	--
MW 57	cis-1,2-DCE	mg/L	2005 -- 2013	16	6	38%	0.00014 J	0.004	--	--	--	--	--	--
MW 58	cis-1,2-DCE	mg/L	2005 -- 2013	11	1	9%	0.001 U	0.0042 J	--	--	--	--	--	--
MW 61	cis-1,2-DCE	mg/L	2005 -- 2013	7	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 64	cis-1,2-DCE	mg/L	2005 -- 2013	11	4	36%	0.00014 J	0.025	--	--	--	--	--	--
MW 65	cis-1,2-DCE	mg/L	2005 -- 2013	11	11	100%	0.17	3	0	-12	0.805	20%	NT or Decreasing	-0.001
MW 66	cis-1,2-DCE	mg/L	2005 -- 2013	16	10	63%	0.00012 J	0.9	--	--	--	--	--	--
MW 68	cis-1,2-DCE	mg/L	2005 -- 2013	22	22	100%	6.1	16	0	-132	1.000	0%	NT or Decreasing	-0.003
MW 75	cis-1,2-DCE	mg/L	2005 -- 2013	9	0	0%	0.001 U	0.001 U	--	--	--	--	--	--
MW 76	cis-1,2-DCE	mg/L	2005 -- 2013	8	3	38%	0.00019 J	0.00099 J	--	--	--	--	--	--
MW 79	cis-1,2-DCE	mg/L	2005 -- 2013	12	12	100%	0.79	2.6	0	53	1.8E-04	100%	Increasing	4.8E-04
MW 80	cis-1,2-DCE	mg/L	2005 -- 2013	10	1	10%	0.00013 J	0.0083 U	--	--	--	--	--	--
MW 81	cis-1,2-DCE	mg/L	2005 -- 2013	12	5	42%	0.00024 J	0.15	--	--	--	--	--	--
MW 82	cis-1,2-DCE	mg/L	2005 -- 2013	9	1	11%	0.001 U	0.0022	--	--	--	--	--	--
MW 83	cis-1,2-DCE	mg/L	2005 -- 2013	10	2	20%	0.00032 J	0.005 U	--	--	--	--	--	--
MW 85	cis-1,2-DCE	mg/L	2008 -- 2013	12	7	58%	0.001 U	4.6	--	--	--	--	--	--
MW 86	cis-1,2-DCE	mg/L	2010 -- 2013	4	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 88	cis-1,2-DCE	mg/L	2010 -- 2013	4	0	0%	0.001 U	0.005 U	--	--	--	--	--	--
MW 89-11	cis-1,2-DCE	mg/L	2011 -- 2013	4	0	0%	0.001 U	0.001 U	--	--	--	--	--	--
Pond Intake	cis-1,2-DCE	mg/L	2005 -- 2013	36	14	39%	0.00019 J	0.066	--	--	--	--	--	--
Pond North	cis-1,2-DCE	mg/L	2005 -- 2013	36	16	44%	0.00016 J	0.21 J	--	--	--	--	--	--

TABLE B.2

DESCRIPTIVE STATISTICS AND TREND TEST RESULTS  
2013 ANNUAL GROUNDWATER MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

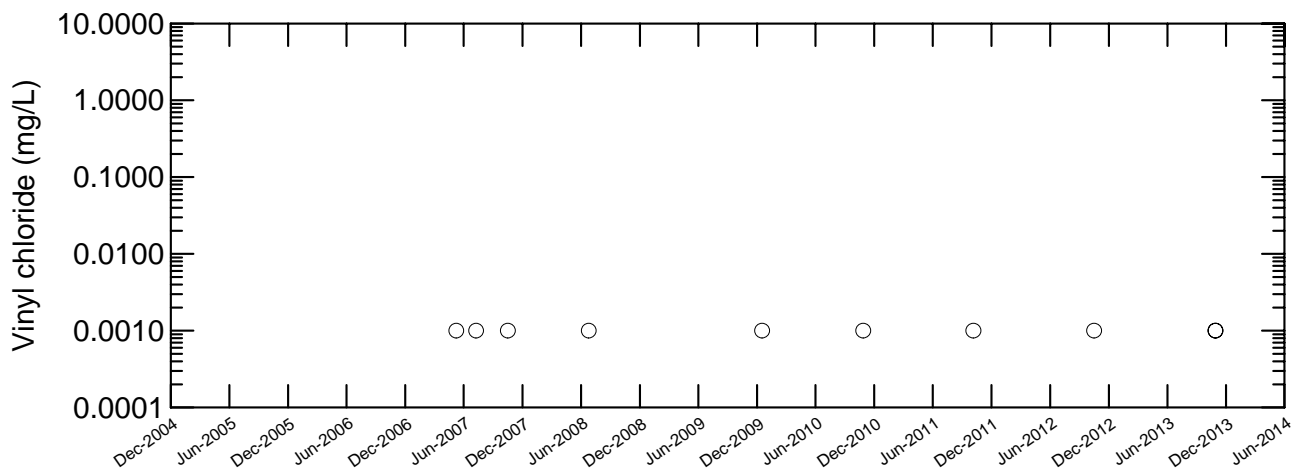
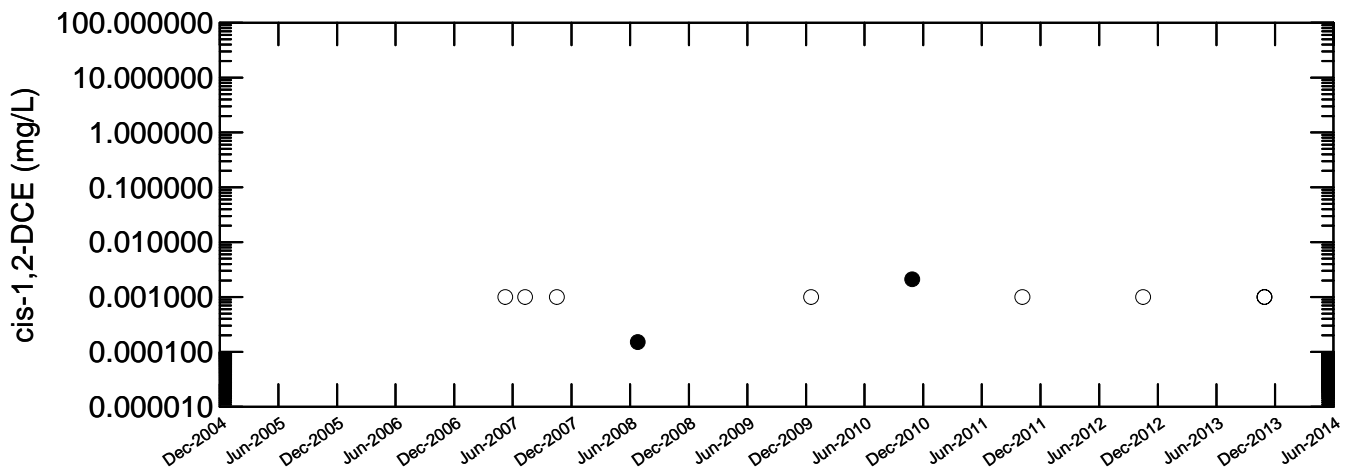
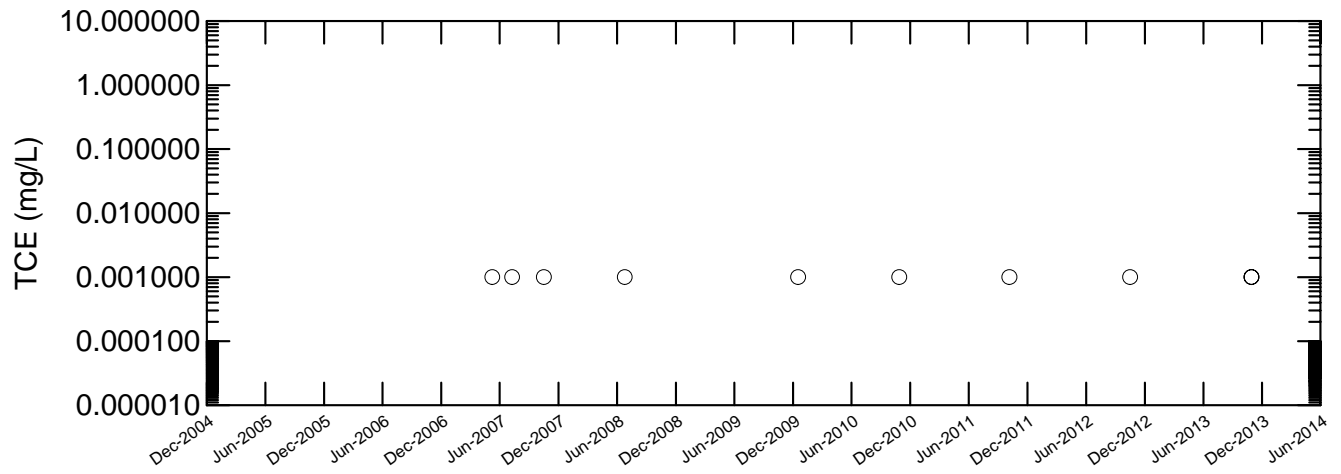
Location	Analyte	Units	Date Range	Number of Samples	Number of Detects	Percent Detects	Minimum	Maximum	Number of Outliers	Mann-Kendall Trend test			Sen's Slope (units/day)	
										Statistic	Probability	Confidence in trend		
MW-2	VC	mg/L	2007 -- 2013	9	0	0%	0.001 U	0.001 U	--	--	--	--	--	
MW 3 <sup>(1)</sup>	VC	mg/L	2005 -- 2013	16	16	100%	0.00027 J	2	0	-5	0.572	43%	NT or Decreasing	-1.9E-05
MW-4	VC	mg/L	2005 -- 2013	22	22	100%	0.38 J	2.1	0	-105	0.998	0%	NT or Decreasing	-2.4E-04
MW 8	VC	mg/L	2005 -- 2013	19	19	100%	0.027	6.9	3	-30	0.847	15%	NT or Decreasing	-1.2E-04
MW 12	VC	mg/L	2005 -- 2012	21	1	5%	0.0014 U	0.05 U	--	--	--	--	--	
MW 14	VC	mg/L	2005 -- 2013	21	21	100%	0.0087 J	0.51	0	-79	0.991	1%	NT or Decreasing	-5.8E-05
MW 28	VC	mg/L	2005 -- 2013	14	14	100%	0.057	0.17	3	22	0.124	88%	NT or Decreasing	1.0E-05
MW 31R	VC	mg/L	2005 -- 2013	20	20	100%	0.64	13	0	-109	1.000	0%	NT or Decreasing	-0.002
MW 37	VC	mg/L	2005 -- 2013	8	0	0%	0.001 U	0.001 U	--	--	--	--	--	
MW 40	VC	mg/L	2005 -- 2013	22	22	100%	0.43 J	2.1	3	40	0.135	86%	NT or Decreasing	8.8E-05
MW 41	VC	mg/L	2005 -- 2013	21	21	100%	0.14 J	0.66	0	131	4.2E-05	100%	Increasing	1.5E-04
MW 42	VC	mg/L	2005 -- 2013	21	20	95%	0.084 J	0.25 J	0	2	0.488	51%	NT or Decreasing	-2.2E-06
MW 46	VC	mg/L	2005 -- 2013	8	0	0%	0.001 U	0.002 U	--	--	--	--	--	
MW 49	VC	mg/L	2005 -- 2013	14	14	100%	0.013	0.085	0	-22	0.875	12%	NT or Decreasing	-1.8E-05
MW 51	VC	mg/L	2008 -- 2013	10	2	20%	0.001 U	0.017 U	--	--	--	--	--	
MW 56	VC	mg/L	2005 -- 2013	10	0	0%	0.001 U	0.001 U	--	--	--	--	--	
MW 57	VC	mg/L	2005 -- 2013	16	5	31%	0.00018 J	0.0062	--	--	--	--	--	
MW 58	VC	mg/L	2005 -- 2013	11	9	82%	0.001 U	0.158	0	43	0.001	100%	Increasing	4.9E-05
MW 61	VC	mg/L	2005 -- 2013	7	1	14%	0.00029 J	0.002 U	--	--	--	--	--	
MW 64	VC	mg/L	2005 -- 2013	11	10	91%	0.001 U	0.045	0	41	0.001	100%	Increasing	1.1E-05
MW 65	VC	mg/L	2005 -- 2013	11	8	73%	0.0025 J	1.2 J	--	--	--	--	--	
MW 66	VC	mg/L	2005 -- 2013	16	16	100%	0.0031	0.3	5	101	3.2E-06	100%	Increasing	5.4E-05
MW 68	VC	mg/L	2005 -- 2013	22	22	100%	0.097 J	0.43 J	0	-8	0.579	42%	NT or Decreasing	0.0E+00
MW 75	VC	mg/L	2005 -- 2013	9	0	0%	0.001 U	0.001 U	--	--	--	--	--	
MW 76	VC	mg/L	2005 -- 2013	8	1	13%	0.00048 J	0.001 U	--	--	--	--	--	
MW 79	VC	mg/L	2005 -- 2013	12	12	100%	0.12	0.33	0	-30	0.977	2%	NT or Decreasing	-4.3E-05
MW 80	VC	mg/L	2005 -- 2013	10	10	100%	0.0134	0.15	0	-17	0.924	8%	NT or Decreasing	-2.2E-05
MW 81	VC	mg/L	2005 -- 2013	12	12	100%	0.0034	0.066	0	66	4.2E-06	100%	Increasing	1.8E-05
MW 82	VC	mg/L	2005 -- 2013	9	0	0%	0.001 U	0.001 U	--	--	--	--	--	
MW 83	VC	mg/L	2005 -- 2013	10	3	30%	0.0003 J	0.0015	--	--	--	--	--	
MW 85	VC	mg/L	2008 -- 2013	12	12	100%	0.25	0.808	0	30	0.023	98%	Increasing	1.6E-04
MW 86	VC	mg/L	2010 -- 2013	4	0	0%	0.001 U	0.002 U	--	--	--	--	--	
MW 88	VC	mg/L	2010 -- 2013	4	0	0%	0.001 U	0.002 U	--	--	--	--	--	
MW 89-11	VC	mg/L	2011 -- 2013	4	0	0%	0.001 U	0.001 U	--	--	--	--	--	
Pond Intake	VC	mg/L	2005 -- 2013	36	23	64%	0.00029 J	0.006	--	--	--	--	--	
Pond North	VC	mg/L	2005 -- 2013	36	25	69%	0.00035 J	0.5	--	--	--	--	--	

TABLE B.2

DESCRIPTIVE STATISTICS AND TREND TEST RESULTS  
2013 ANNUAL GROUNDWATER MONITORING REPORT  
2915 DR. MARTIN LUTHER KING JR. BOULEVARD,  
ANDERSON, INDIANA

Notes:

- <sup>(1)</sup> Trend test was calculated using detected values only, due to elevated detection limits for non-detects.
- Trend test not performed due to insufficient data (fewer than 4 points) or infrequent detections (i.e., fewer than 75 percent detects).
- NT or Decreasing - A statistically-significant (90 percent confidence) increasing trend was not found. Analyte concentrations may be stable or decreasing over time. (Per approved Monitoring Plan, a 1-sided test is performed).



Legend:

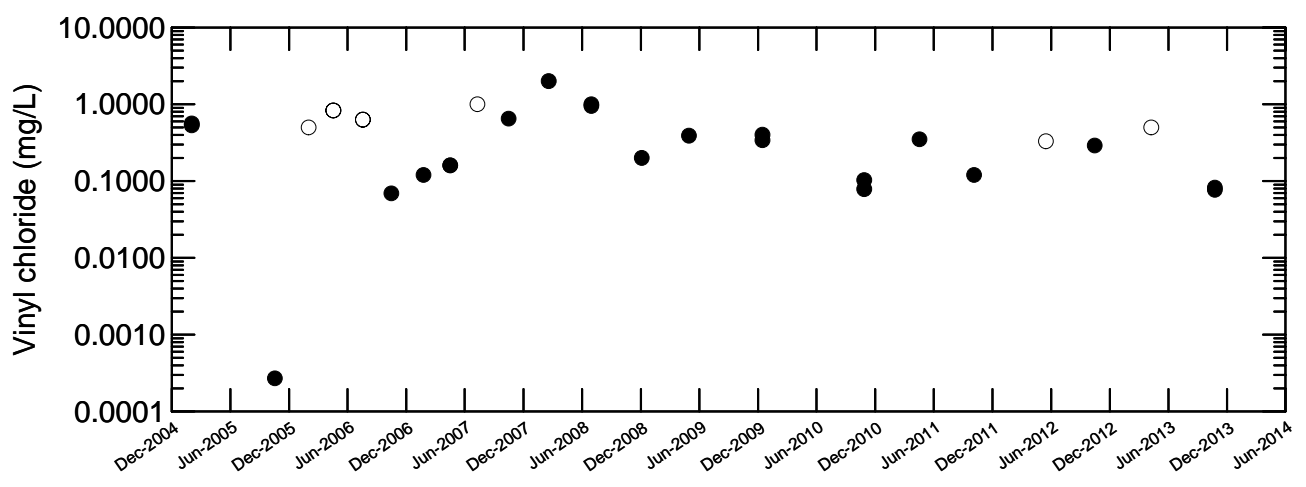
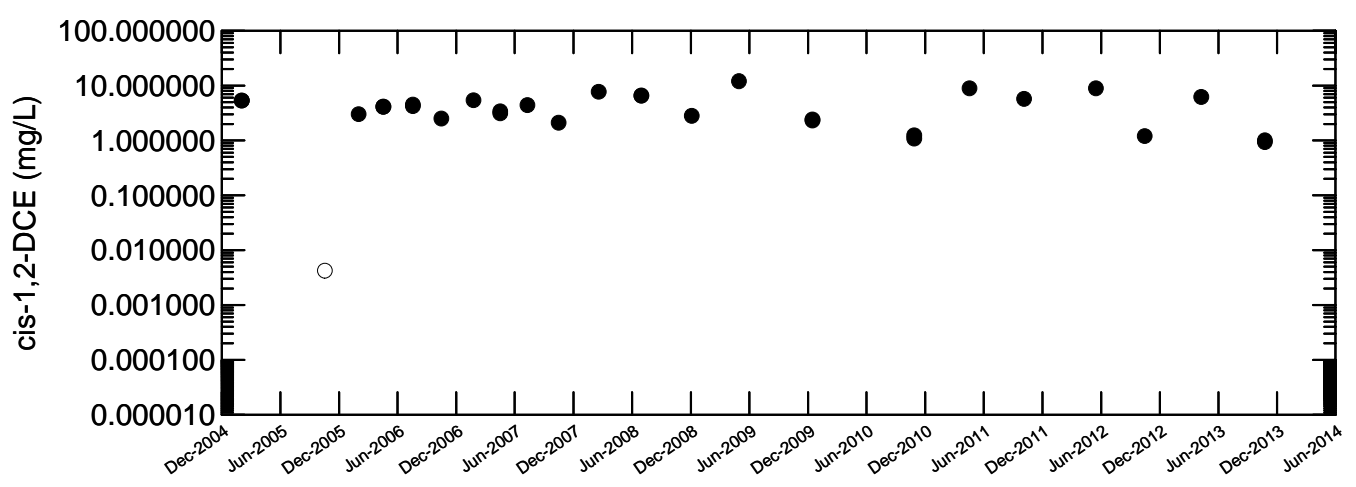
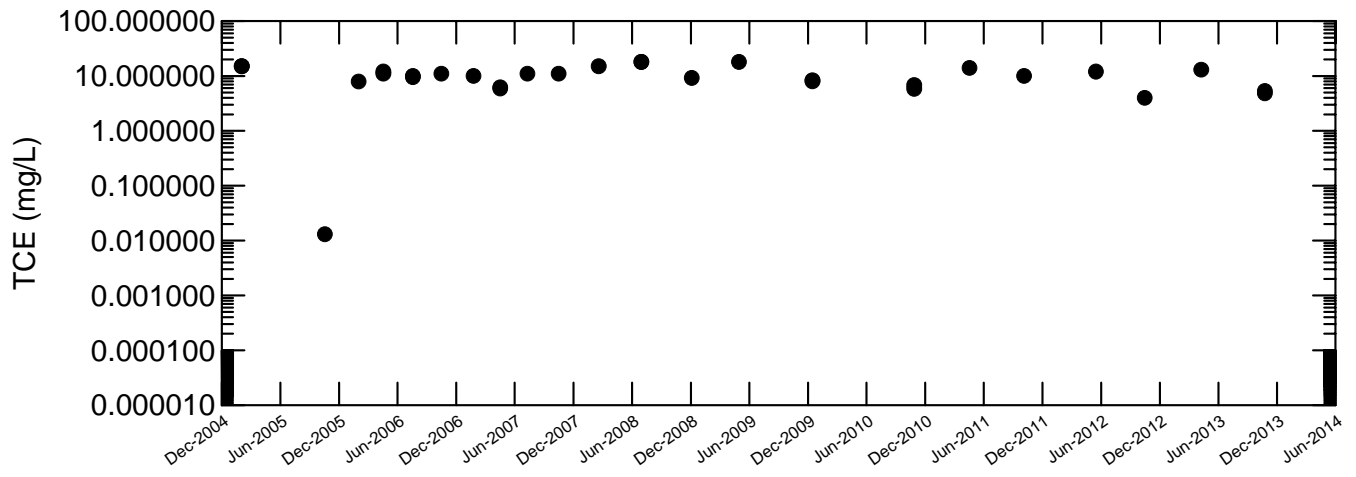
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW-2  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

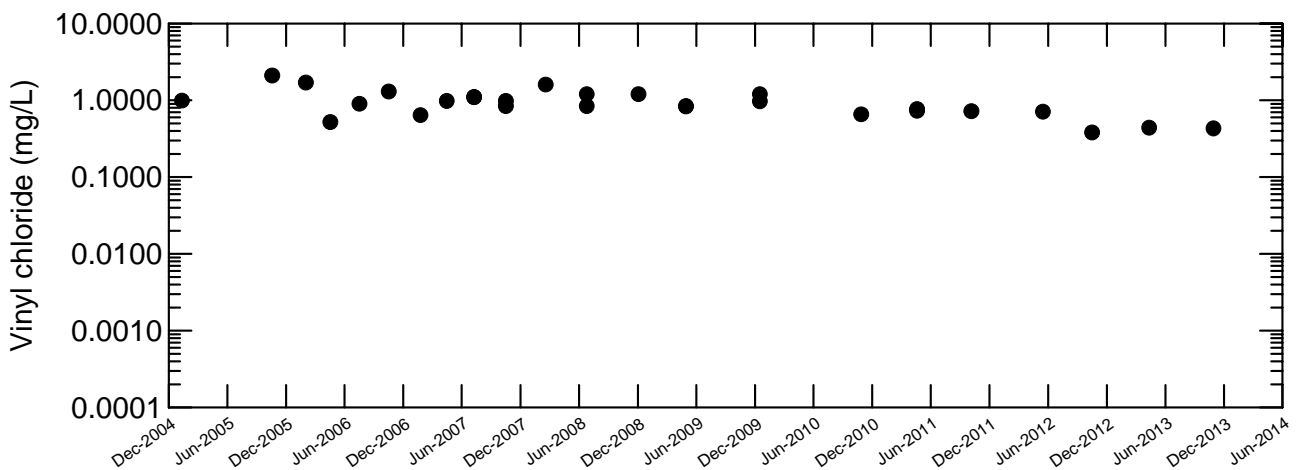
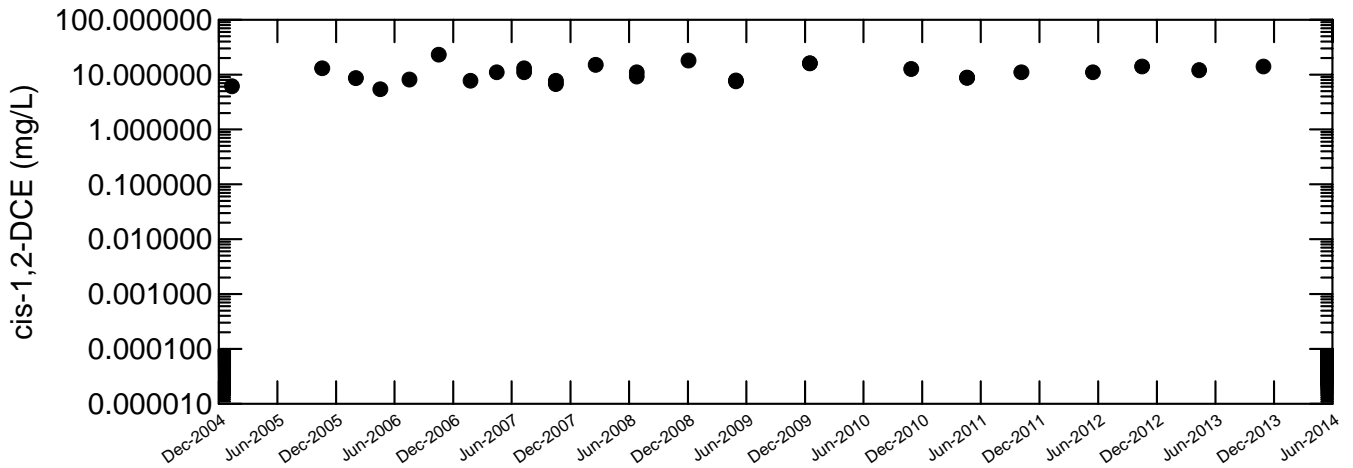
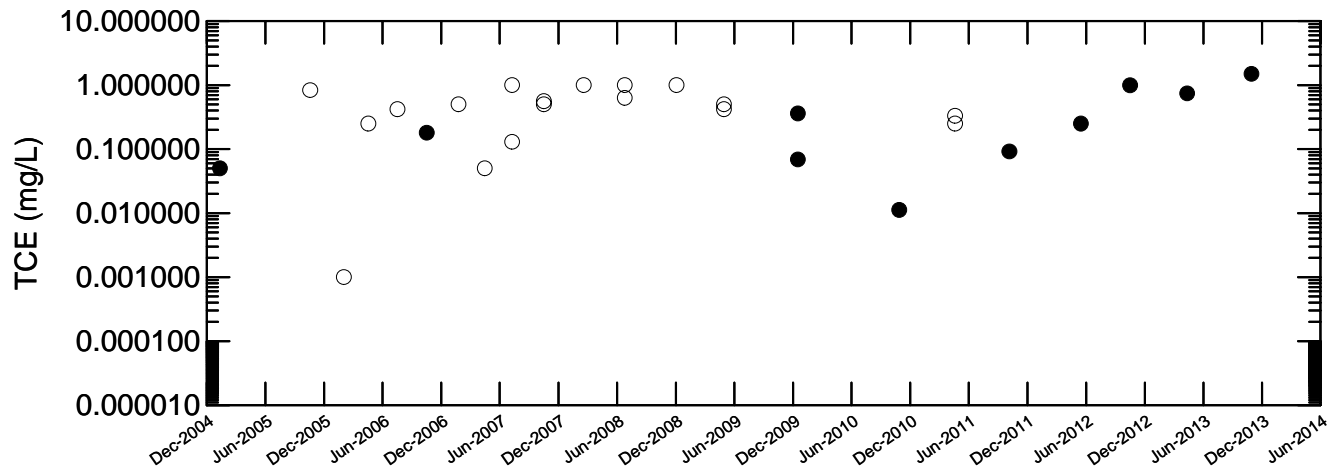
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 3  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

- Detected Result
- Non-Detect Result

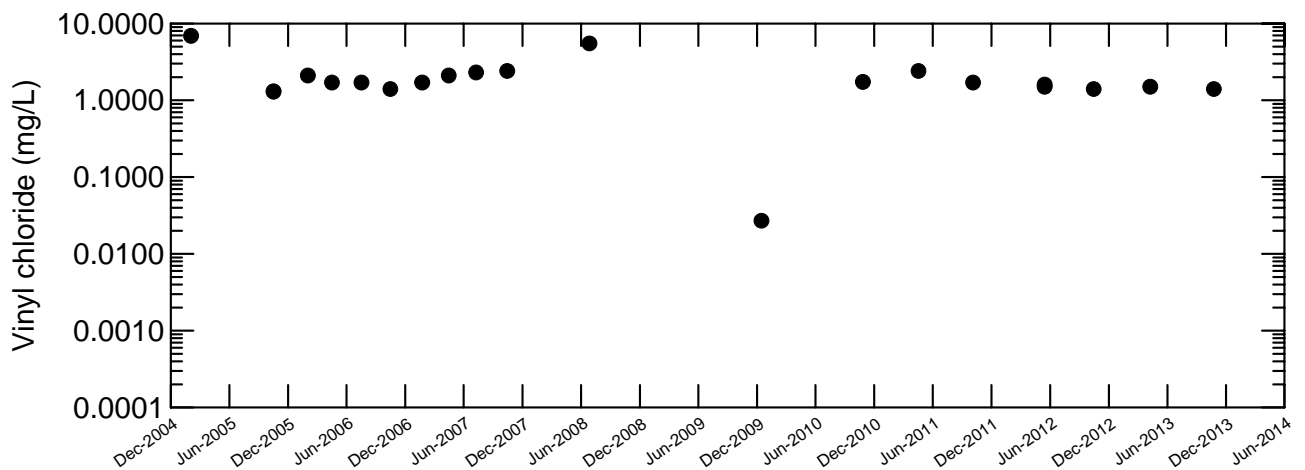
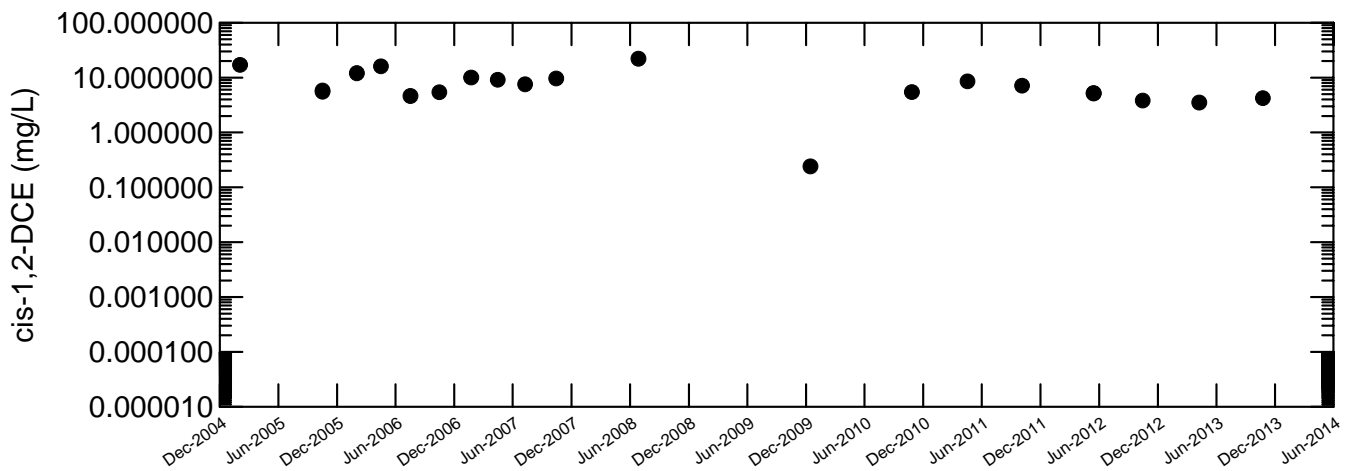
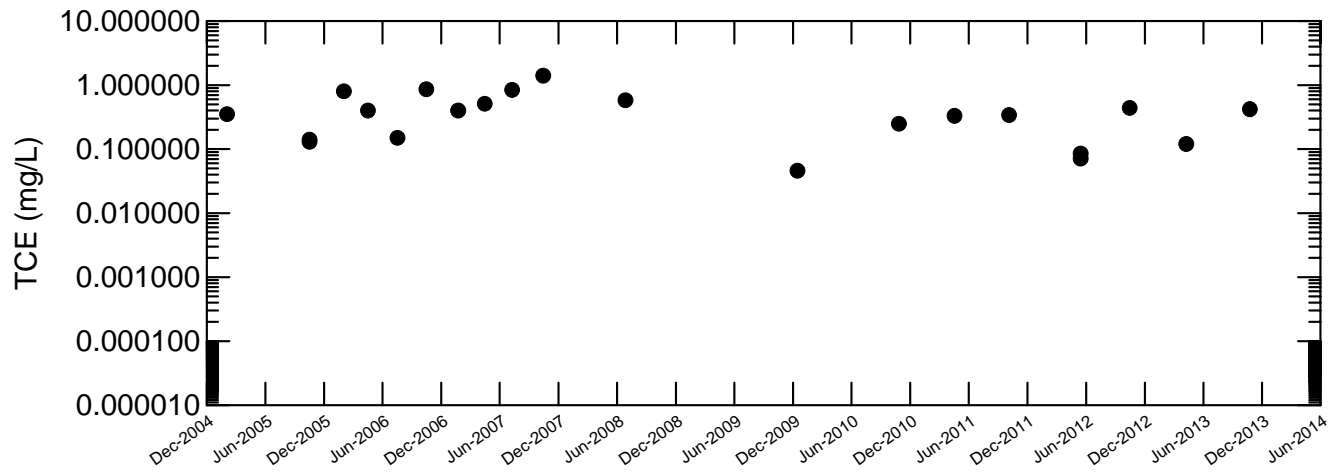
Notes:

Non-detects are shown as the laboratory detection limit.

MW-4  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana







Legend:

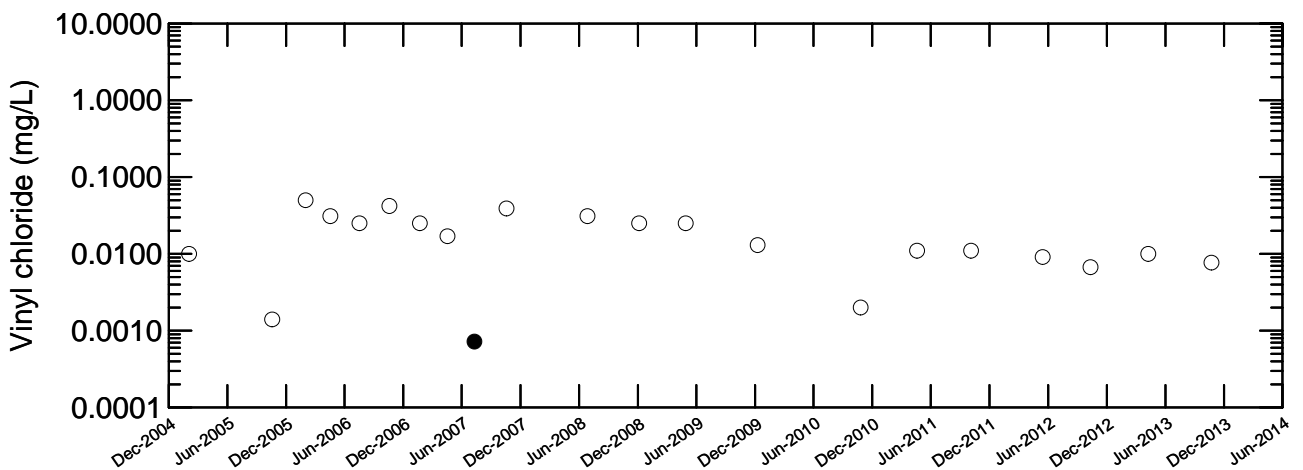
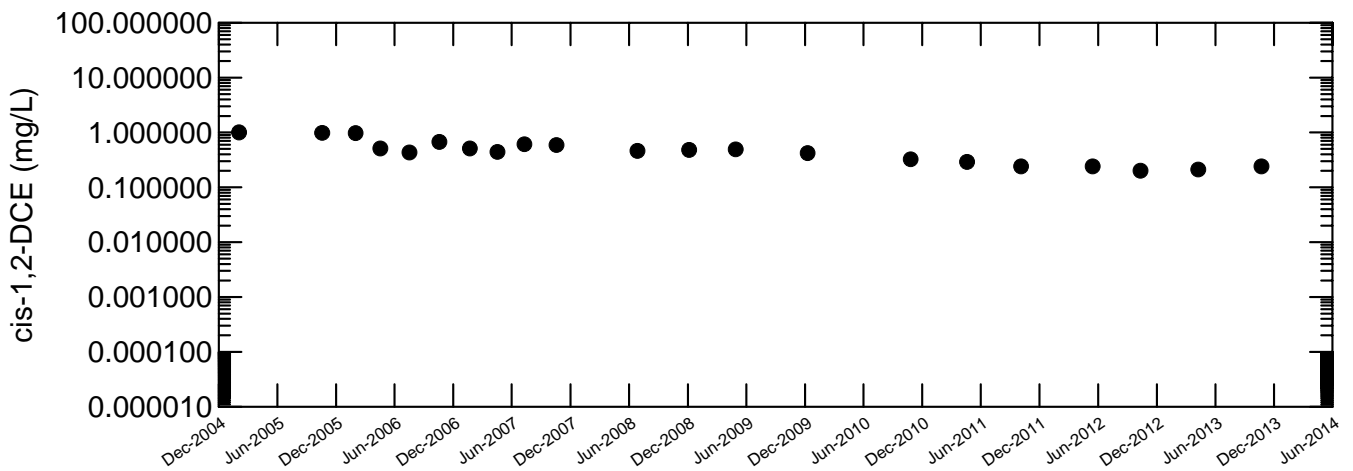
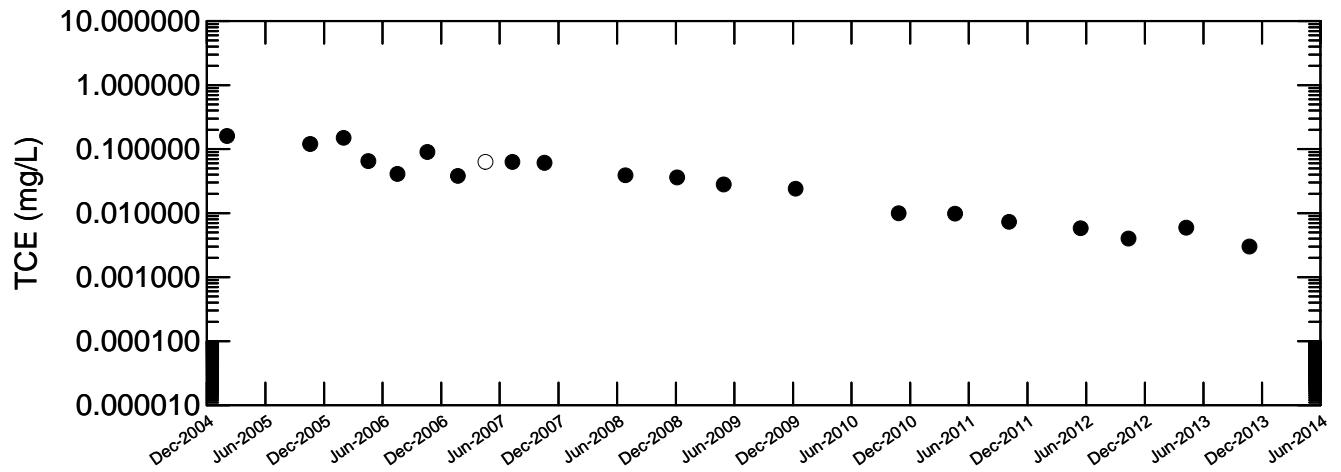
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 8  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

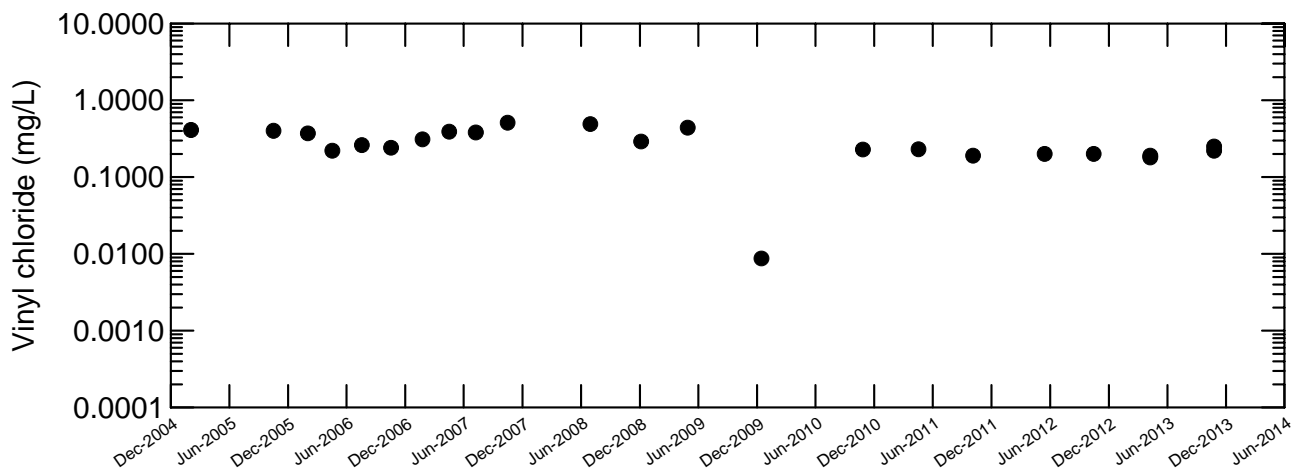
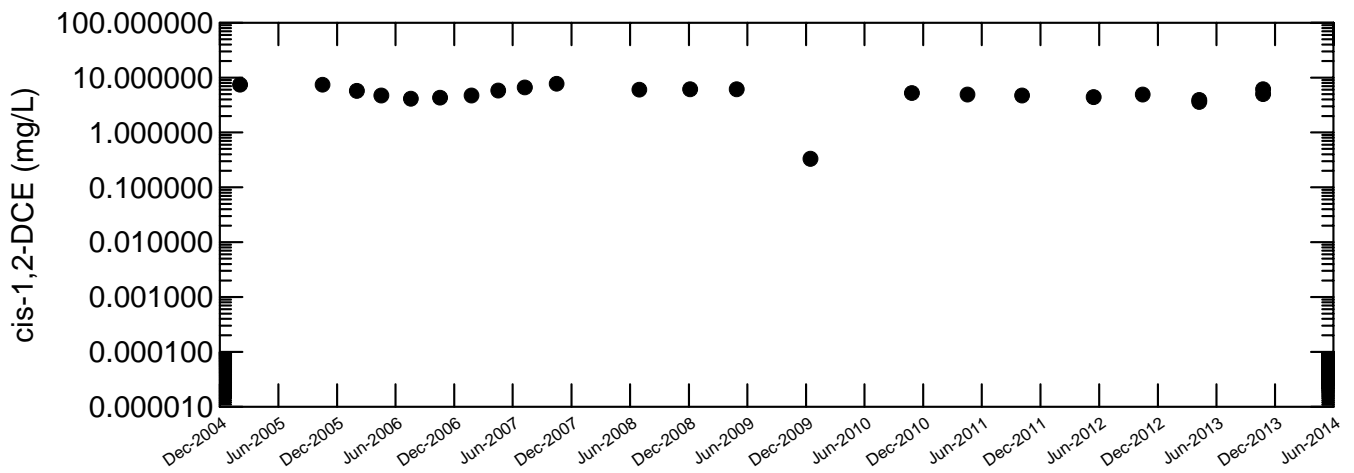
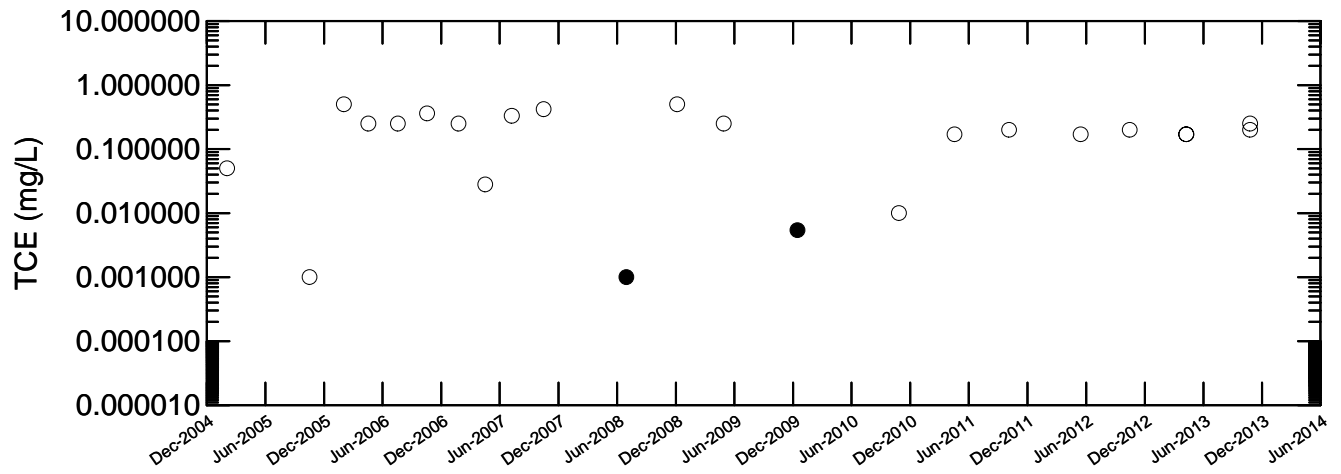
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 12  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

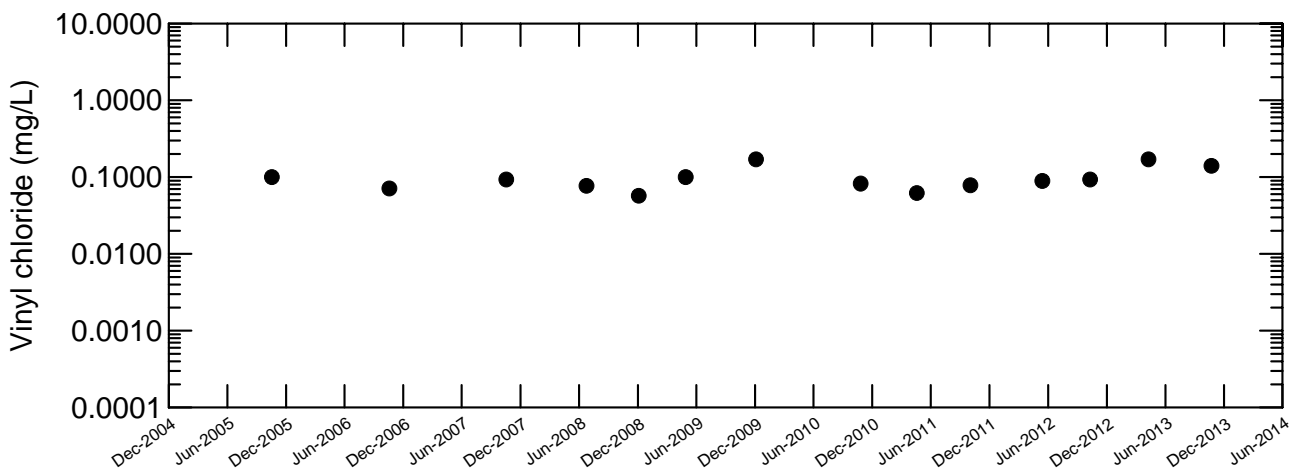
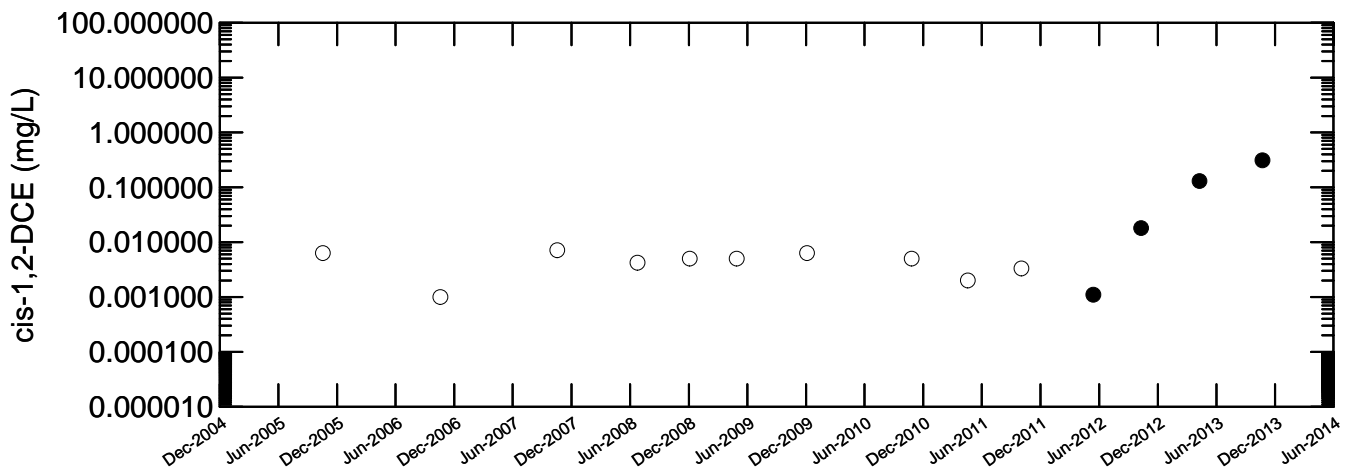
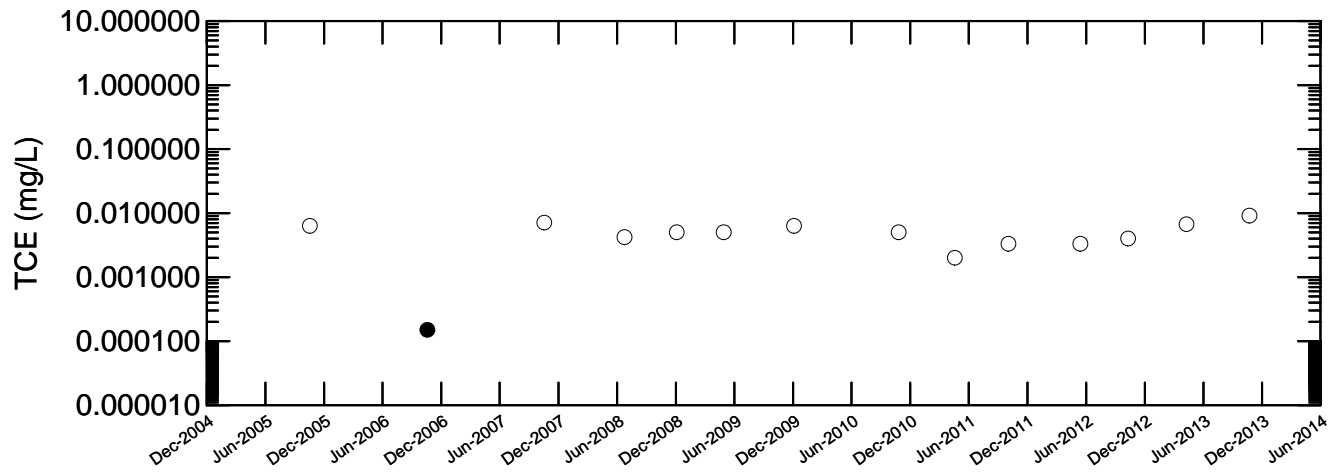
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 14  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

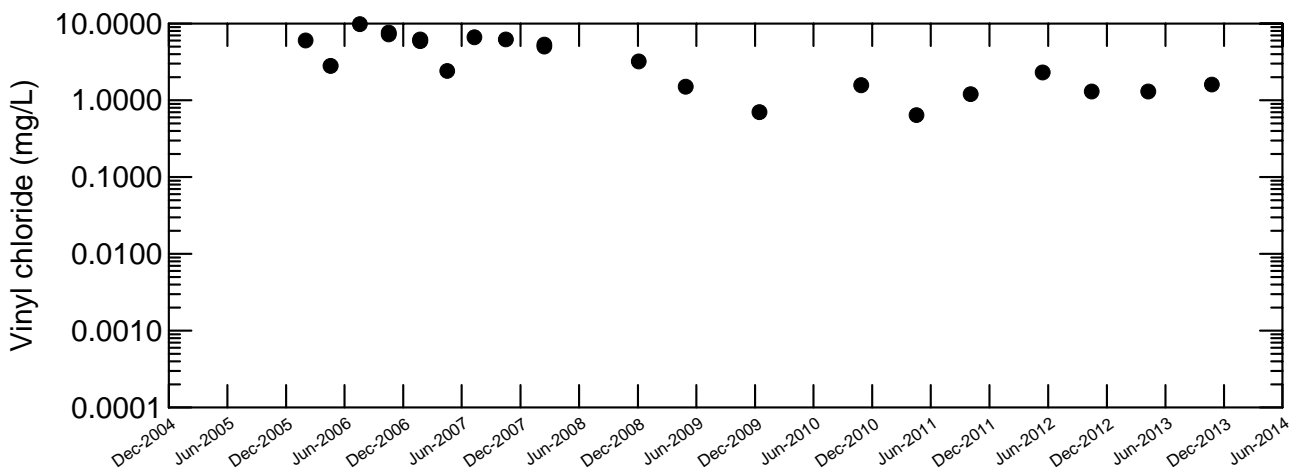
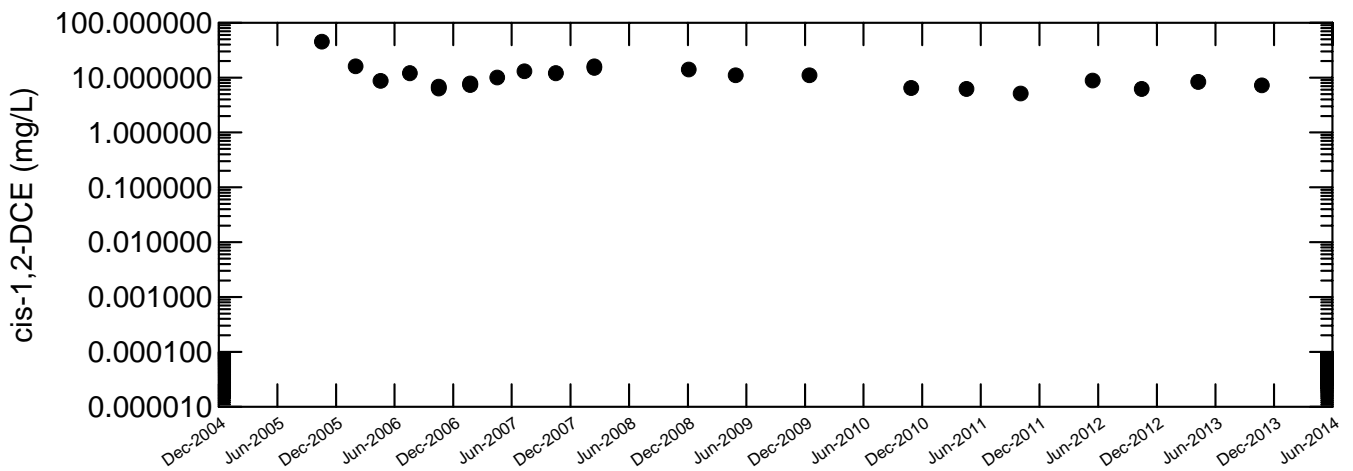
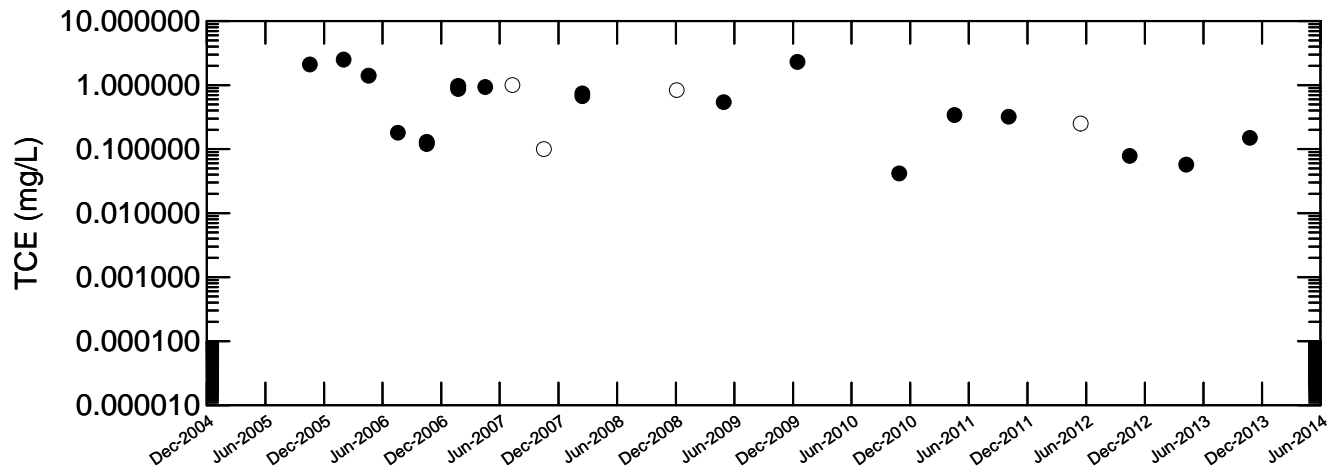
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 28  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

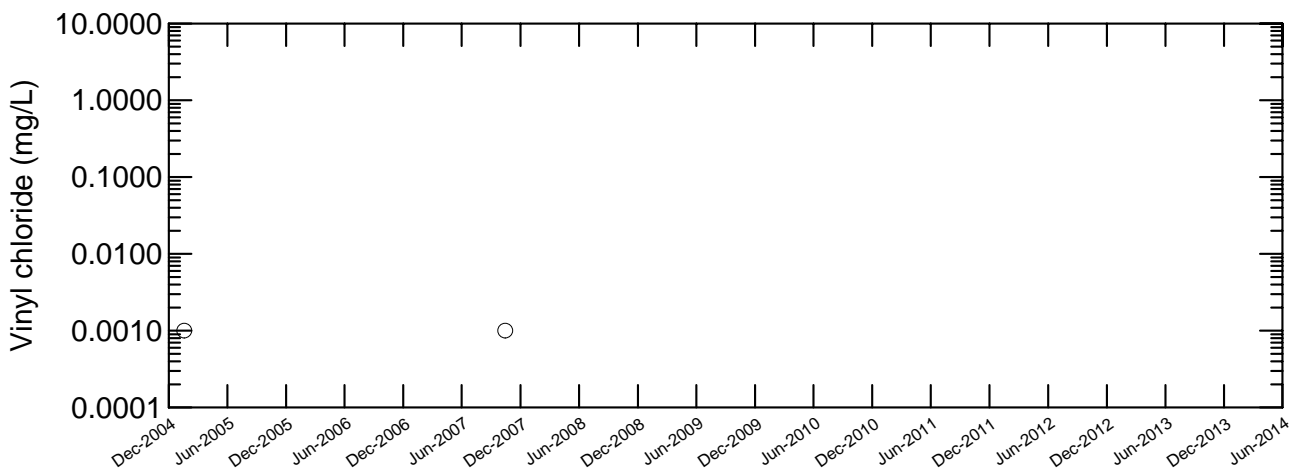
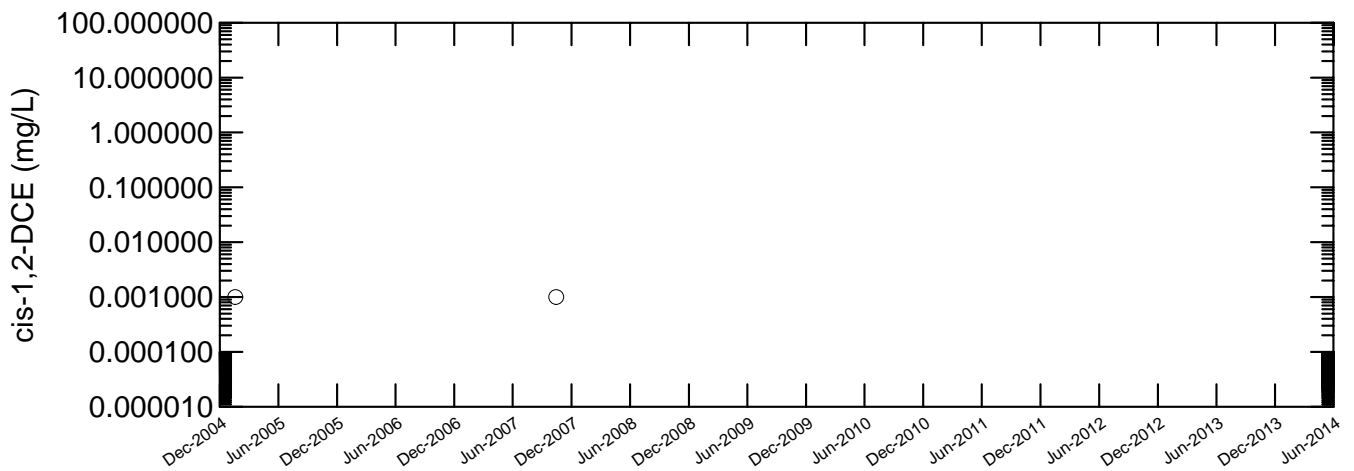
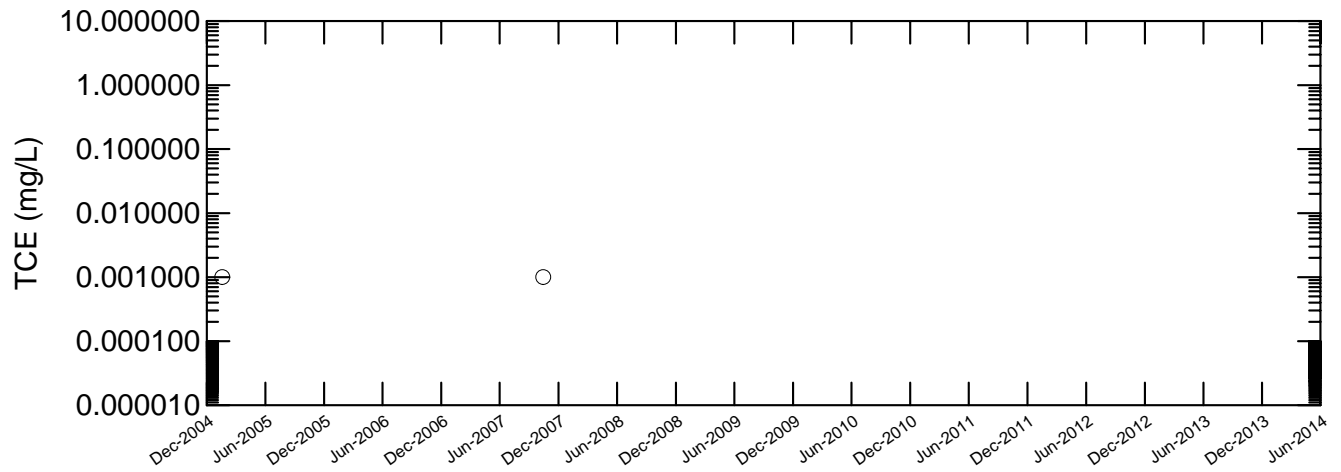
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 31R  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

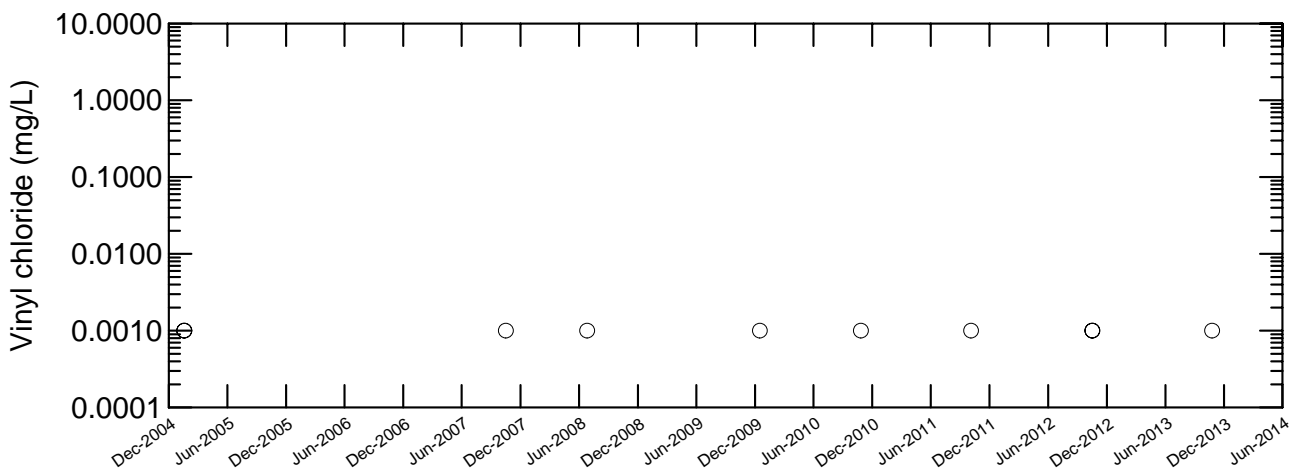
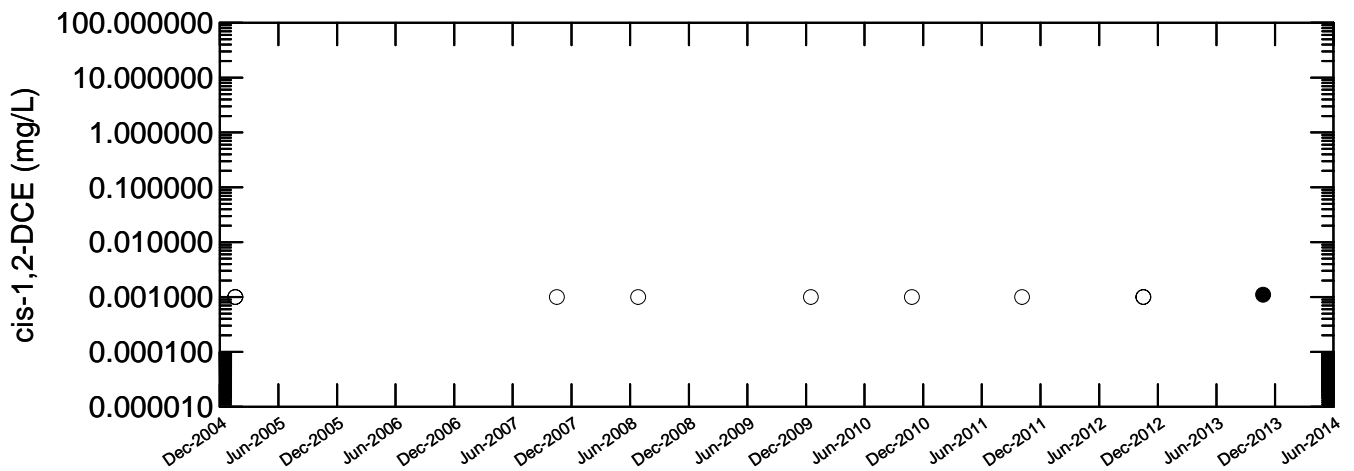
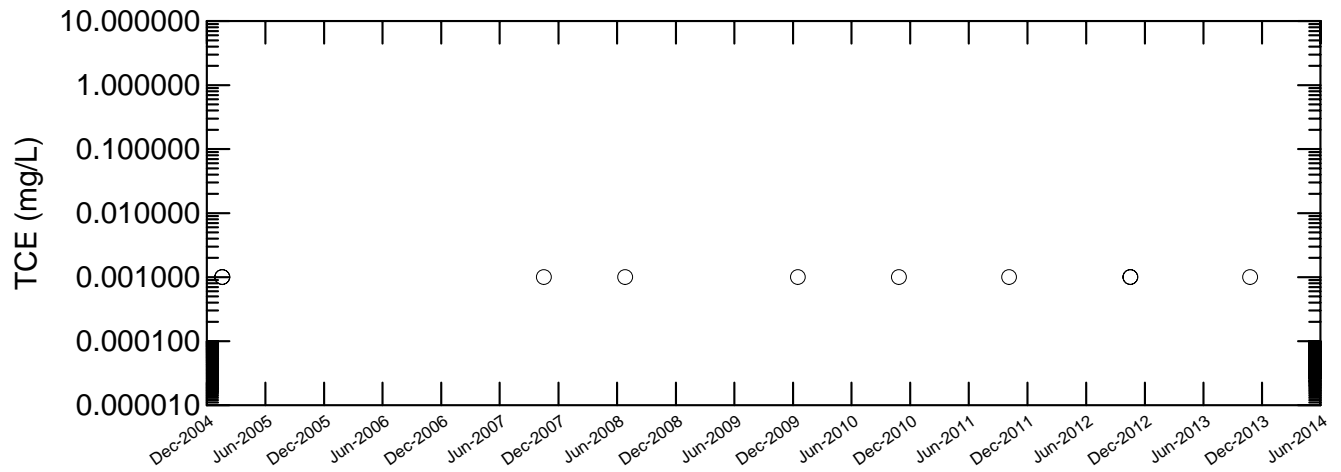
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.



MW 36  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana



Legend:

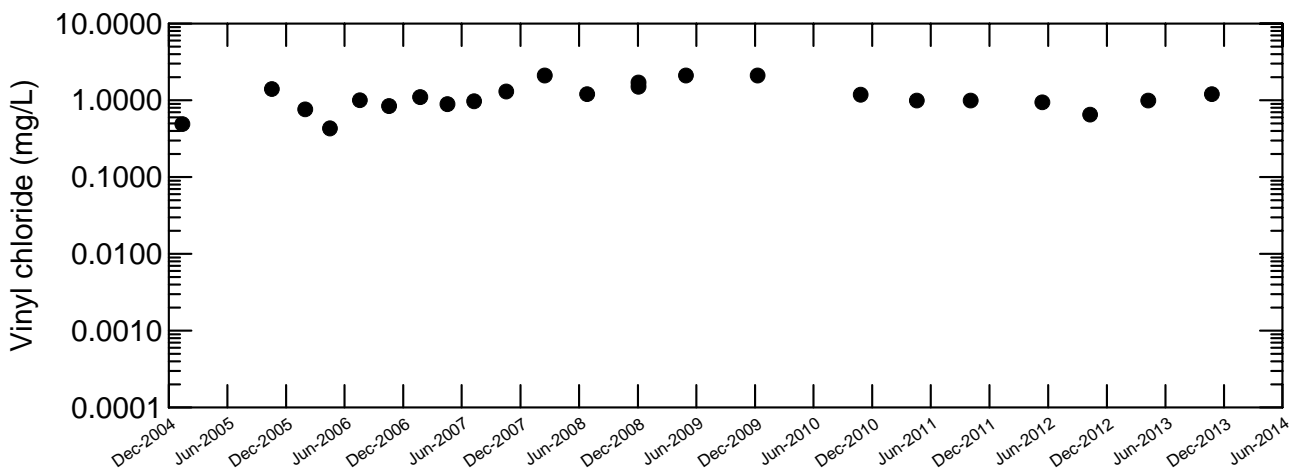
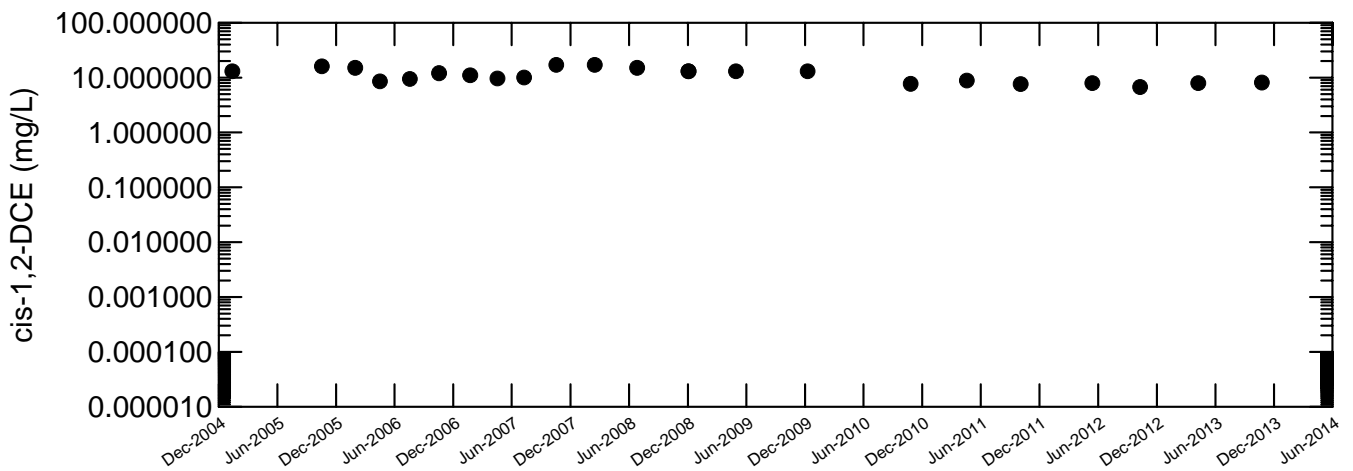
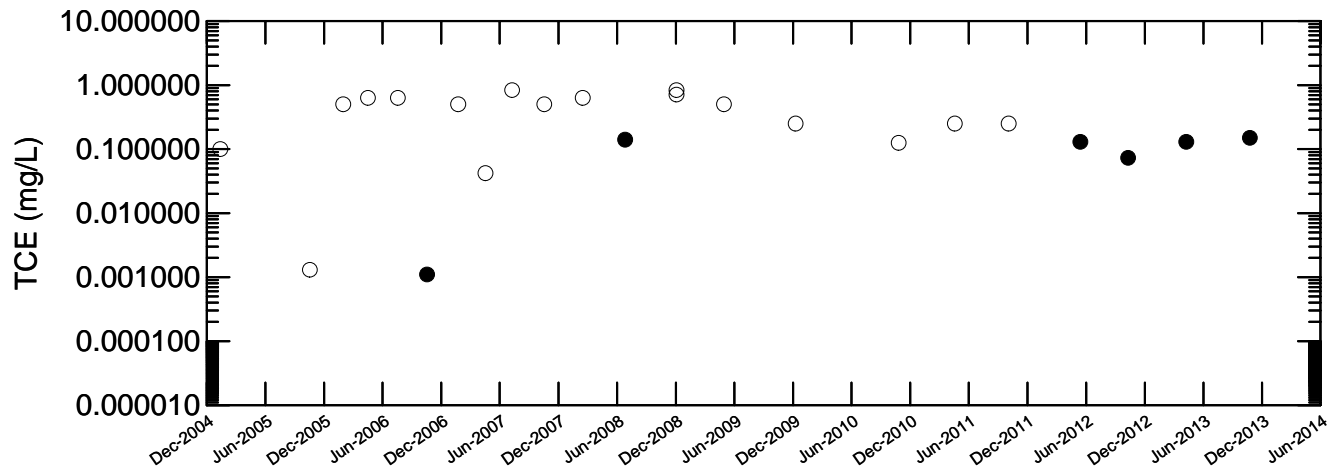
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 37  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

- Detected Result
- Non-Detect Result

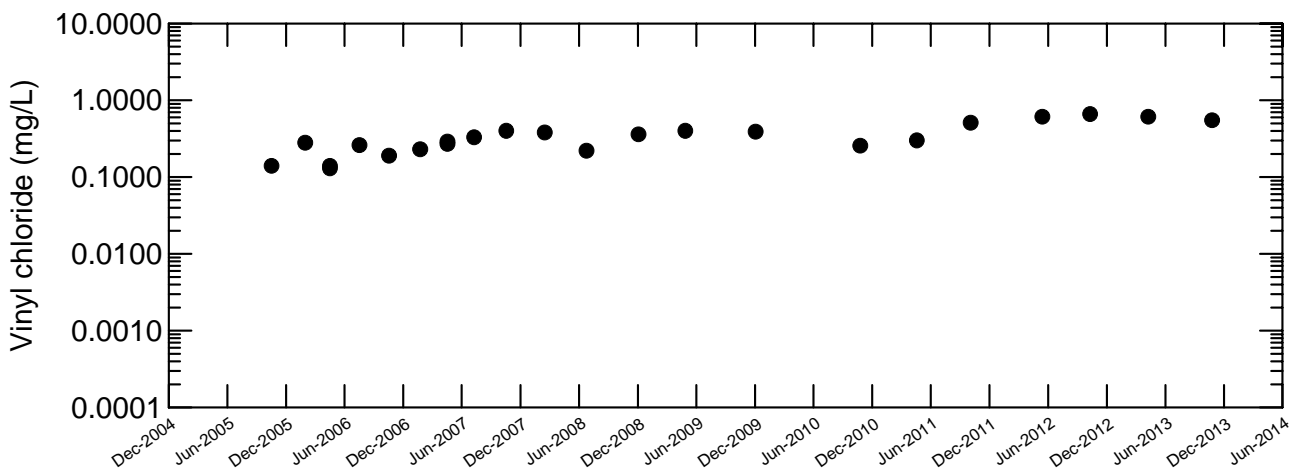
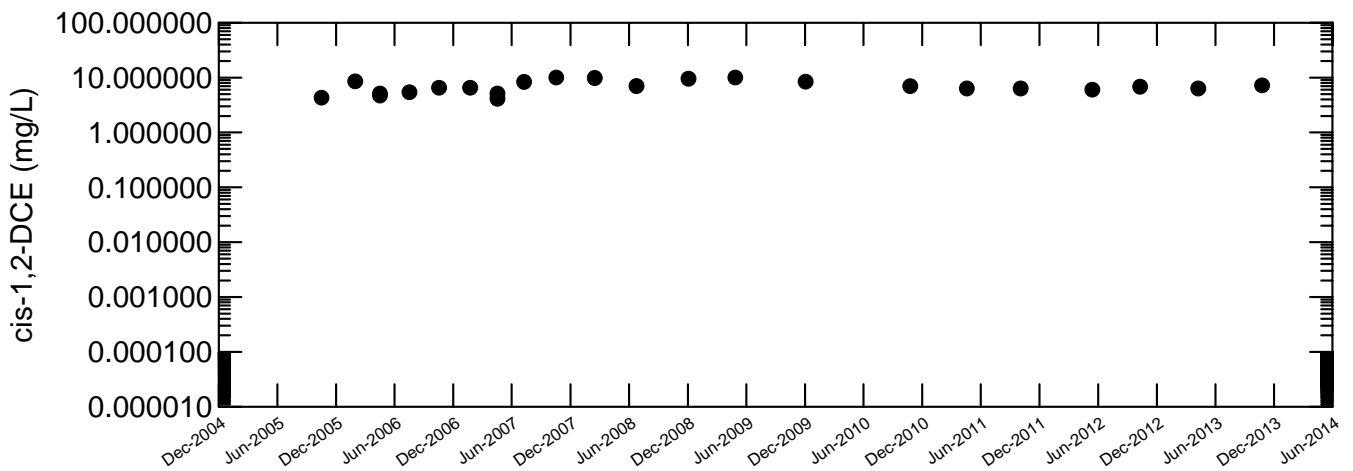
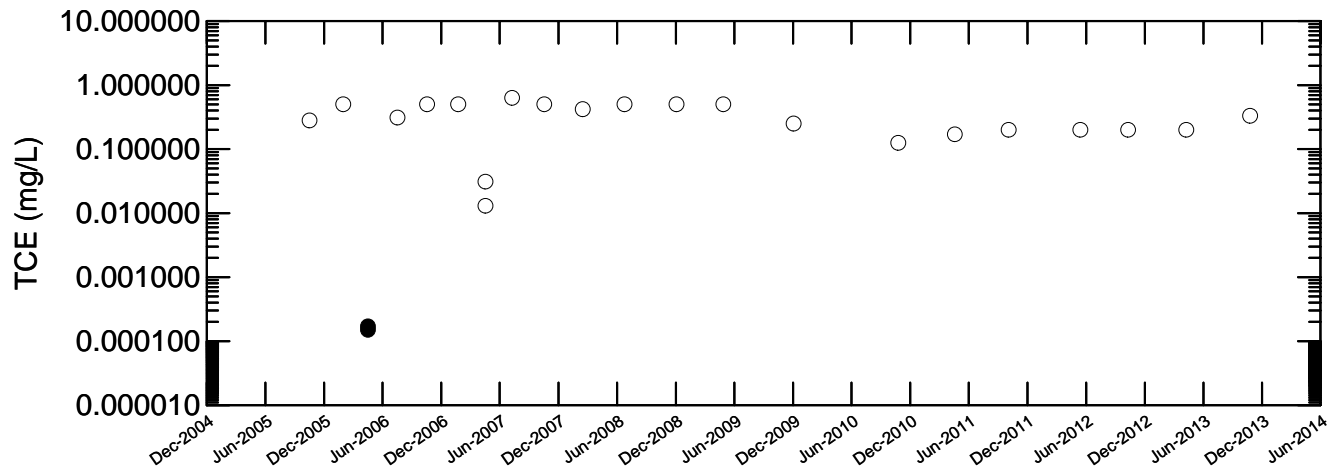
Notes:

Non-detects are shown as the laboratory detection limit.

MW 40  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana







**Legend:**

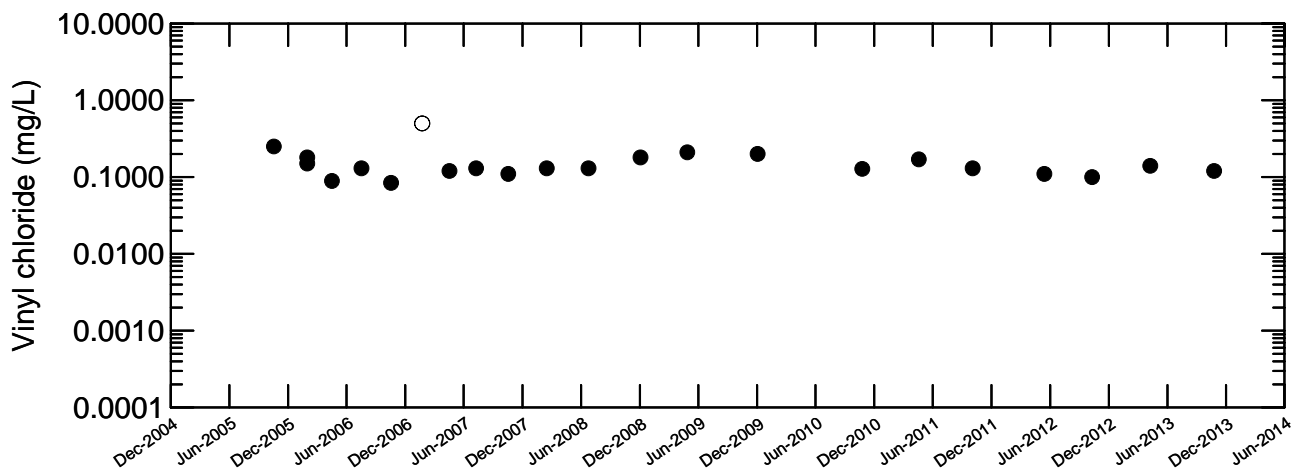
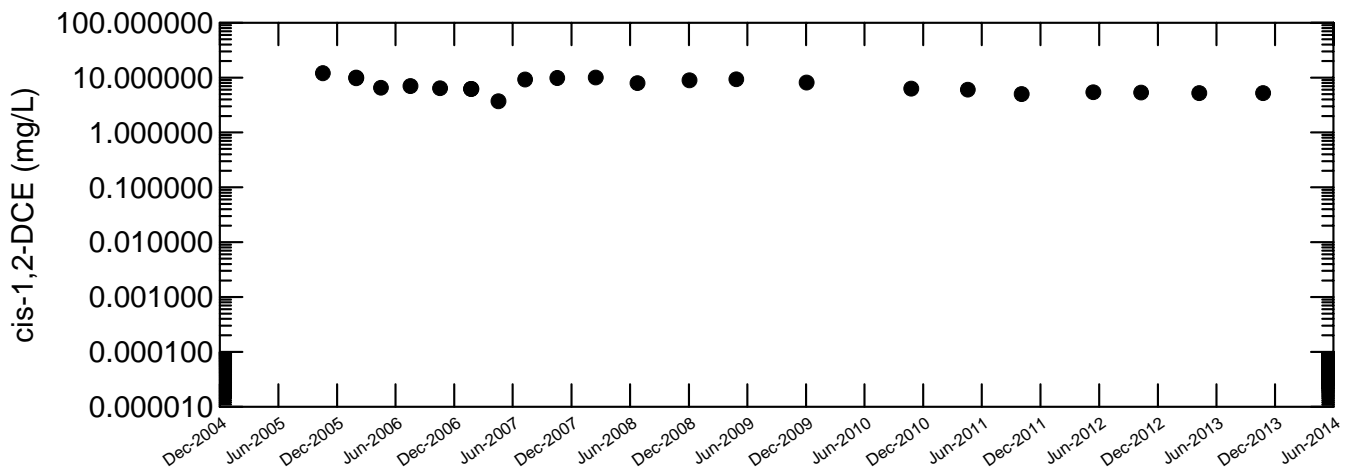
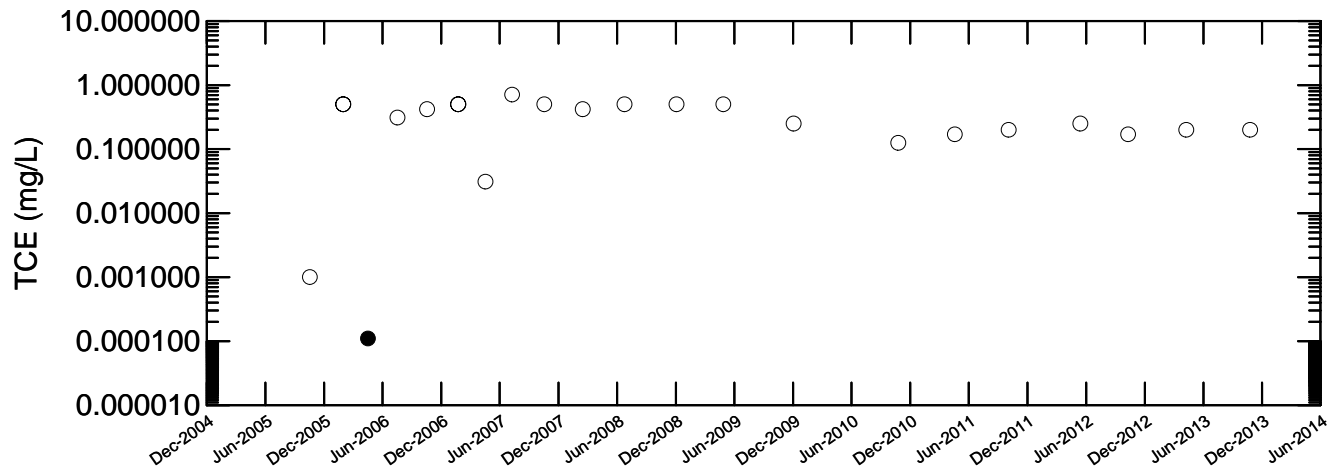
- Detected Result
- Non-Detect Result

**Notes:**

Non-detects are shown as the laboratory detection limit.

MW 41  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

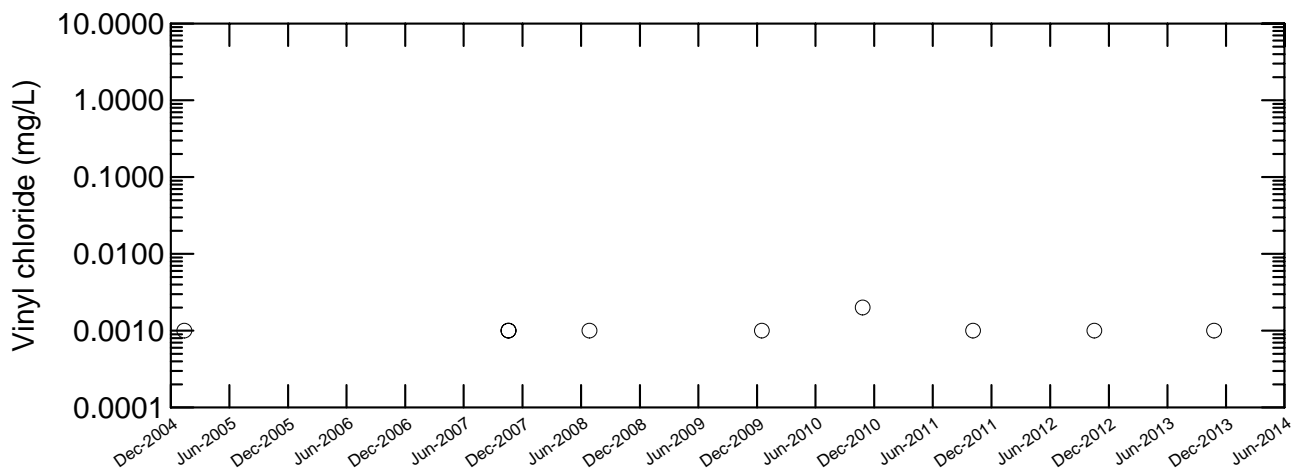
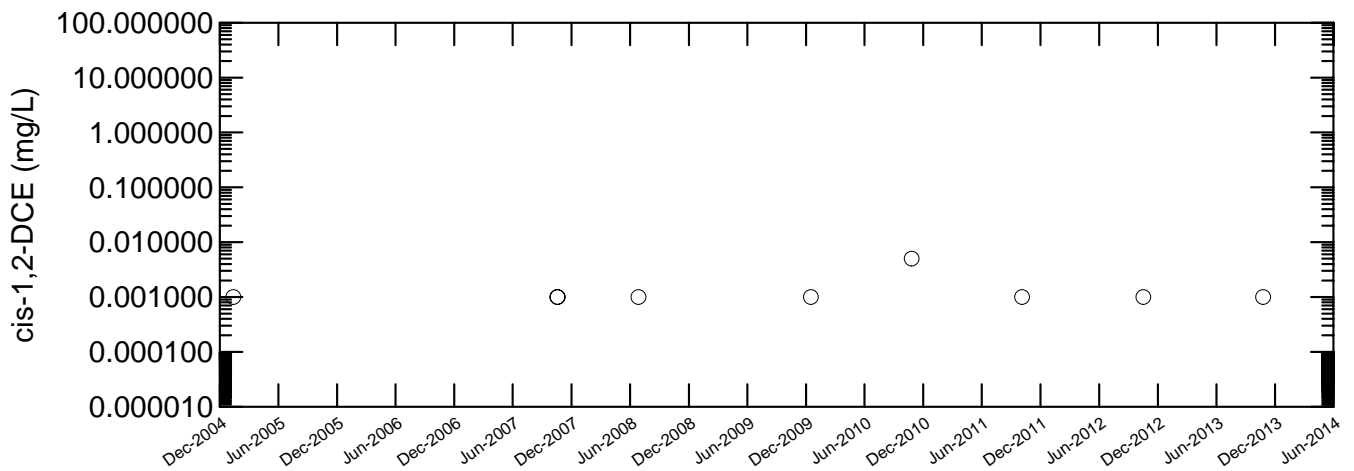
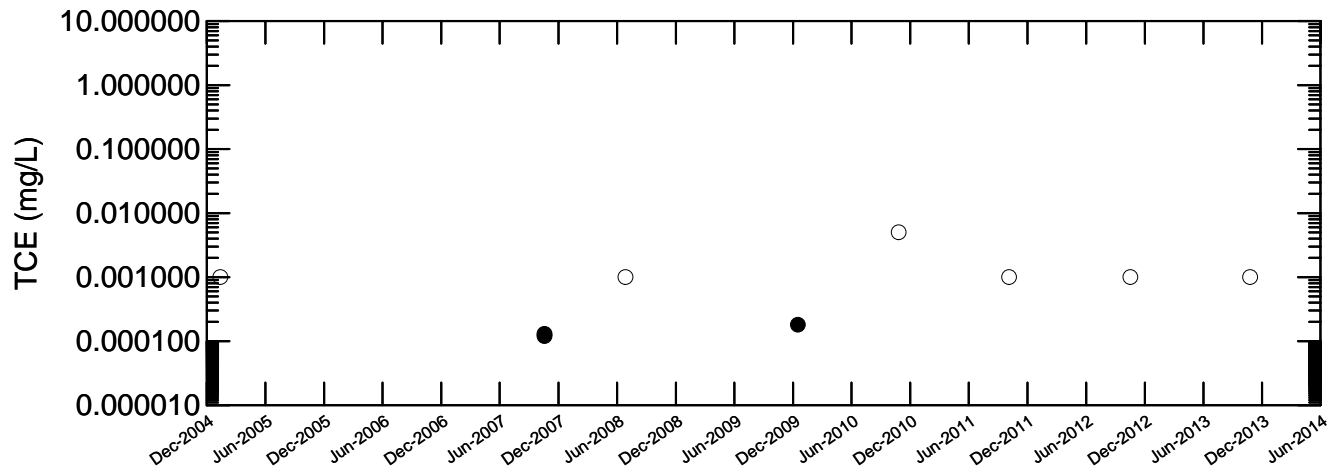
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 42  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

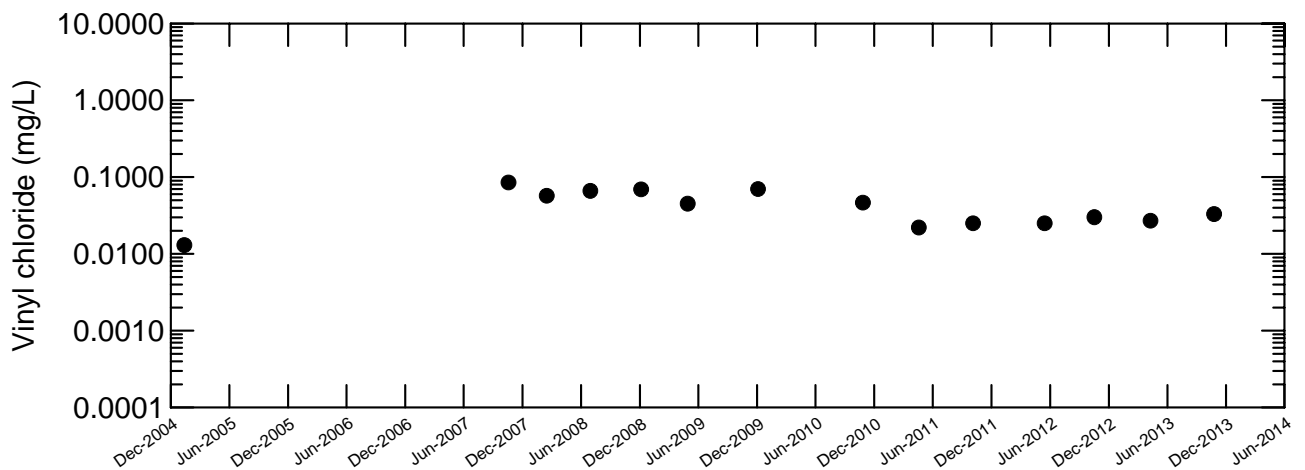
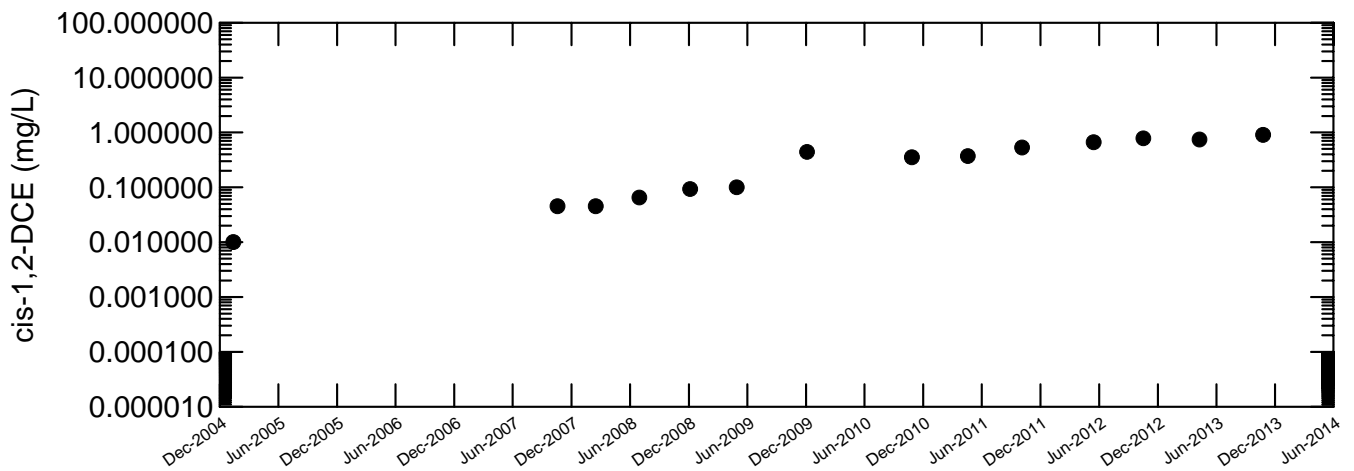
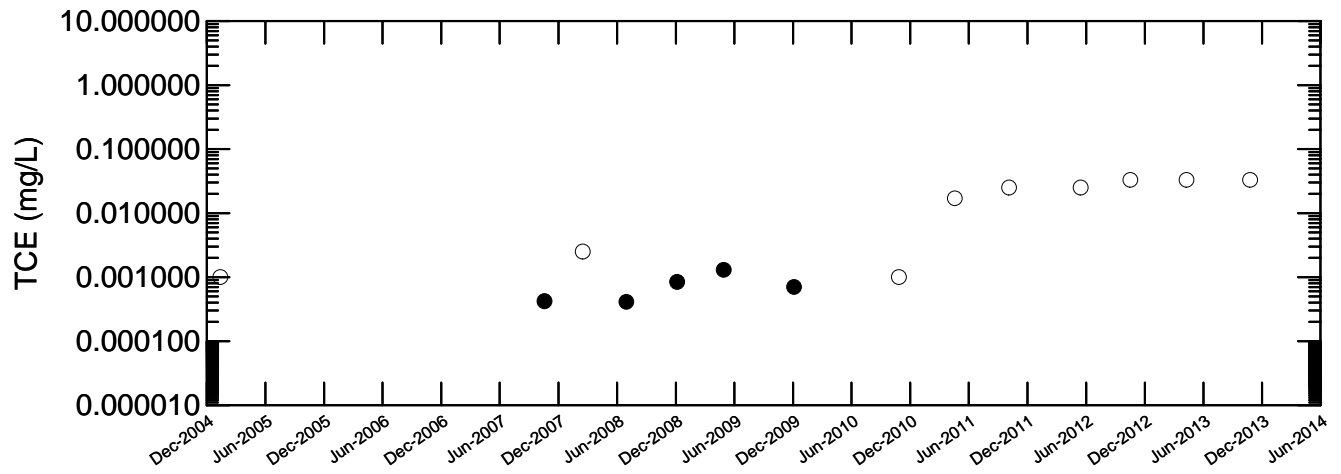
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 46  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

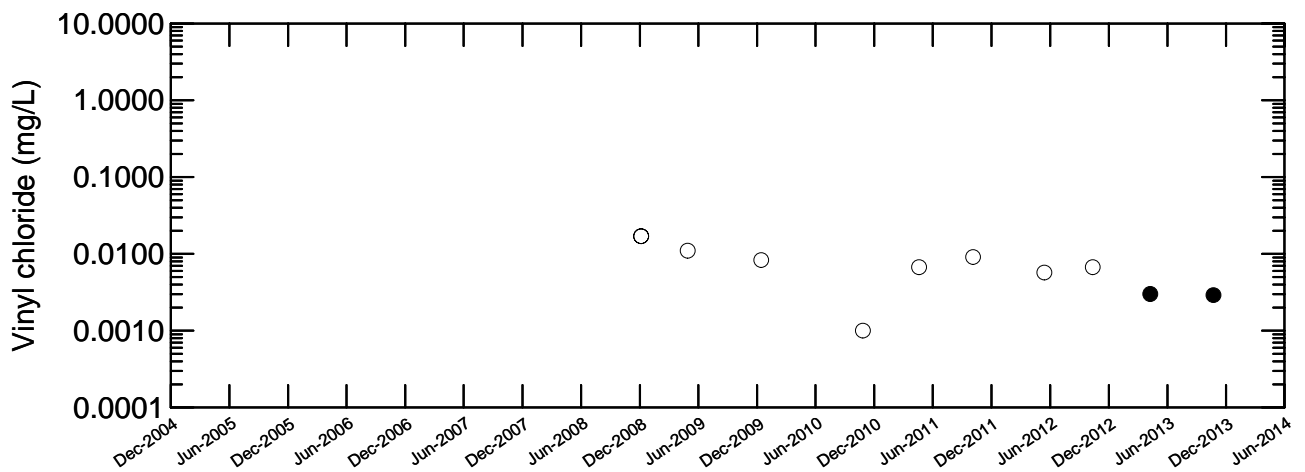
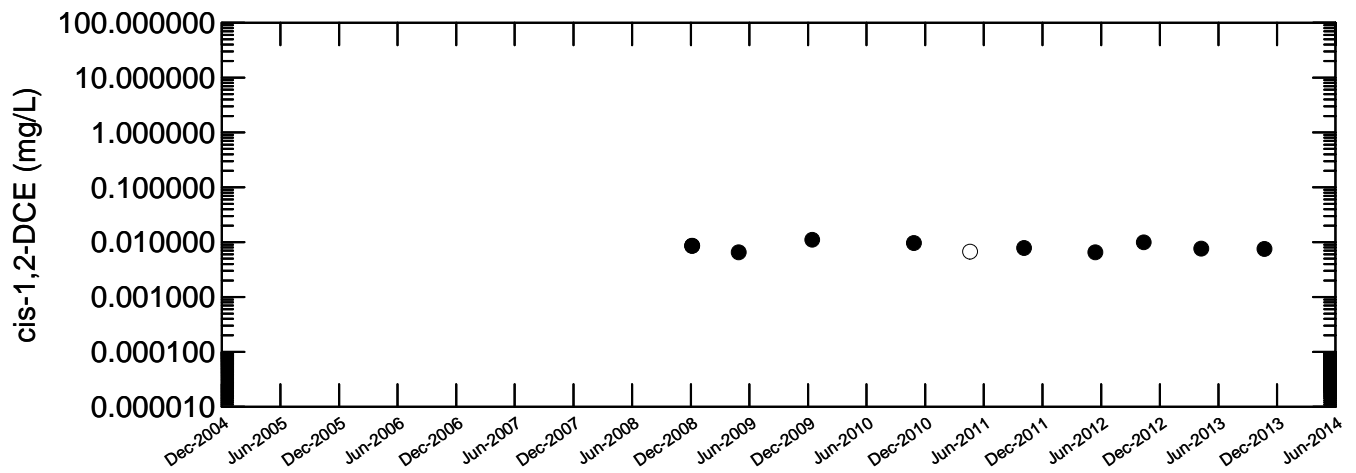
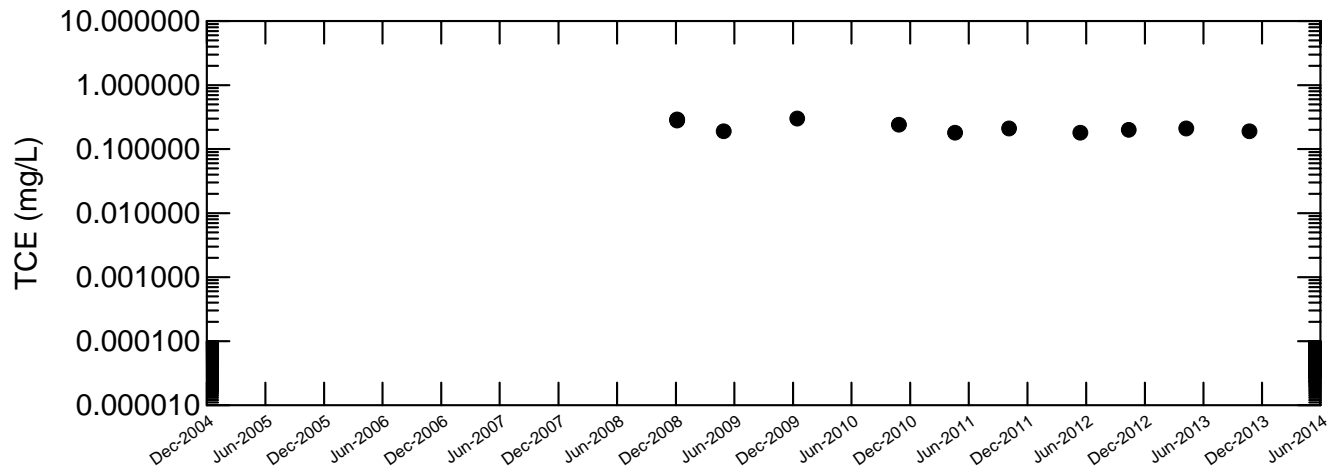
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 49  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

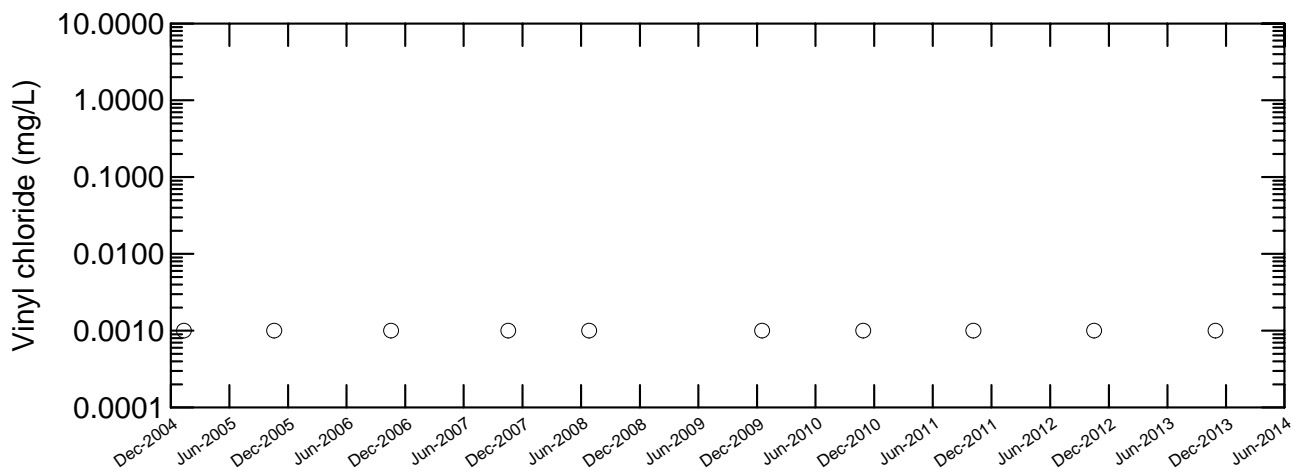
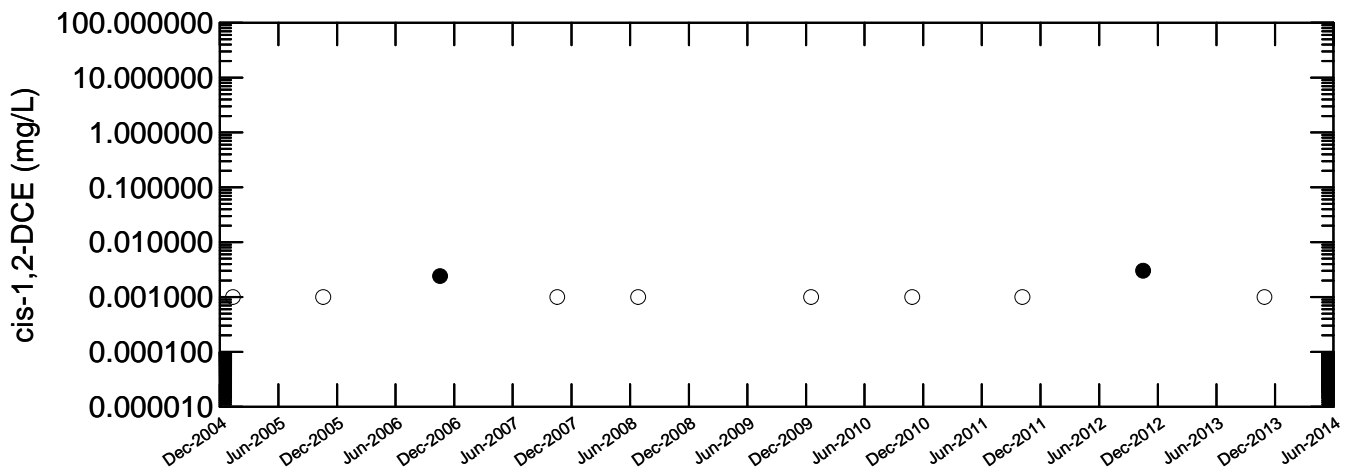
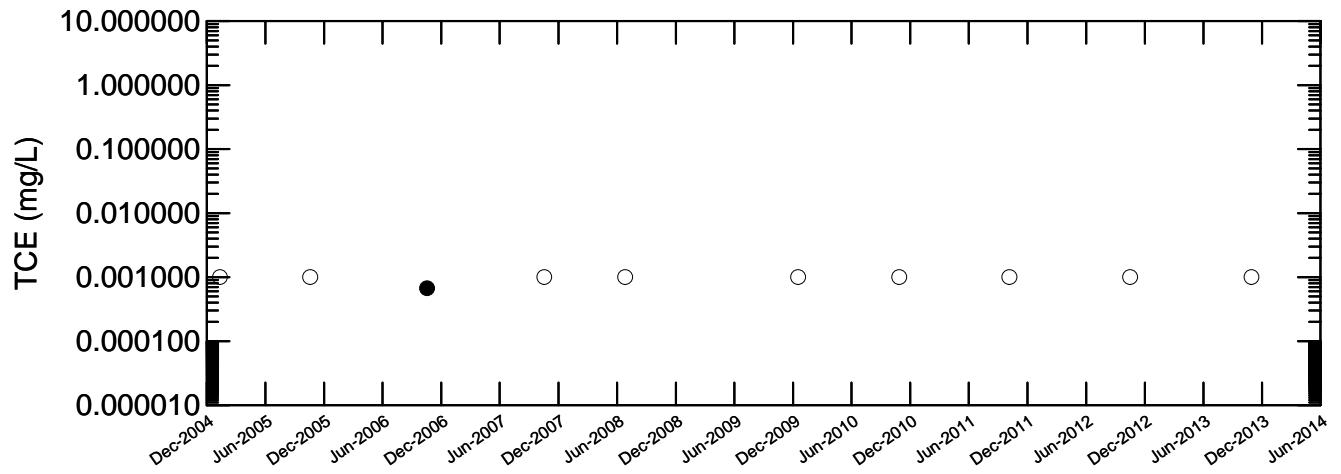
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 51  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

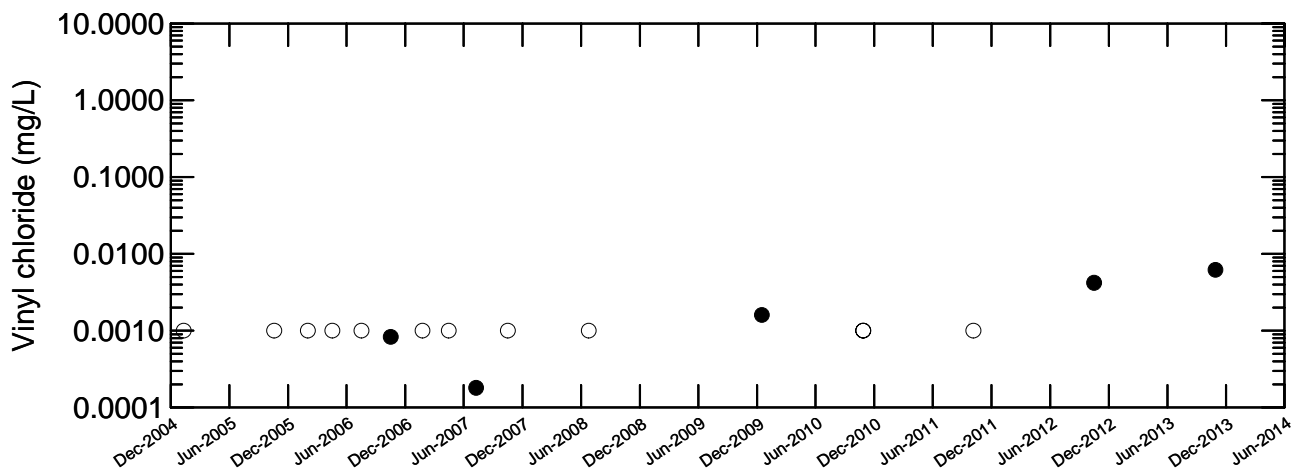
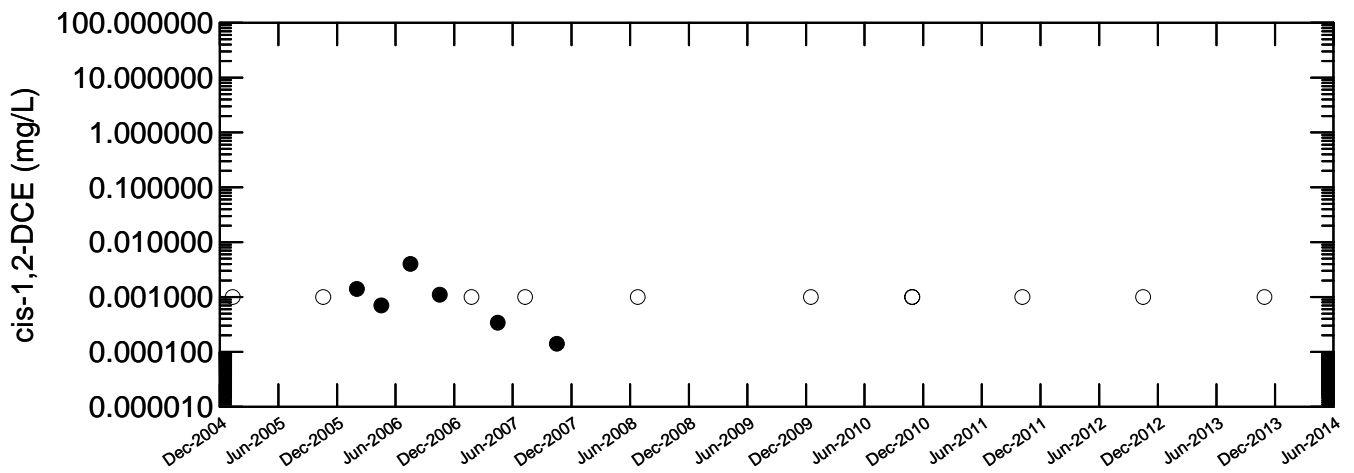
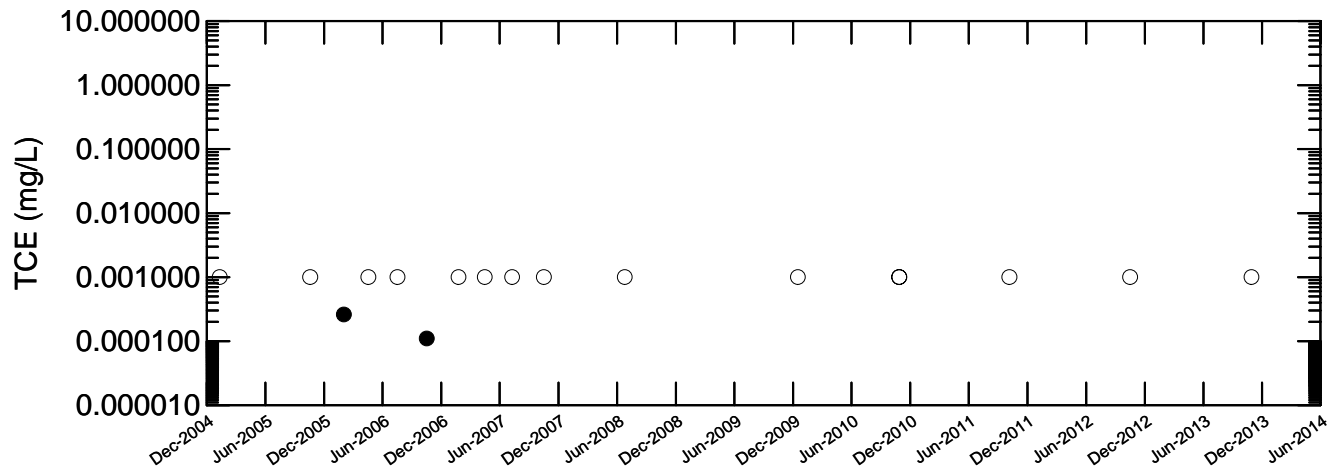
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 56  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

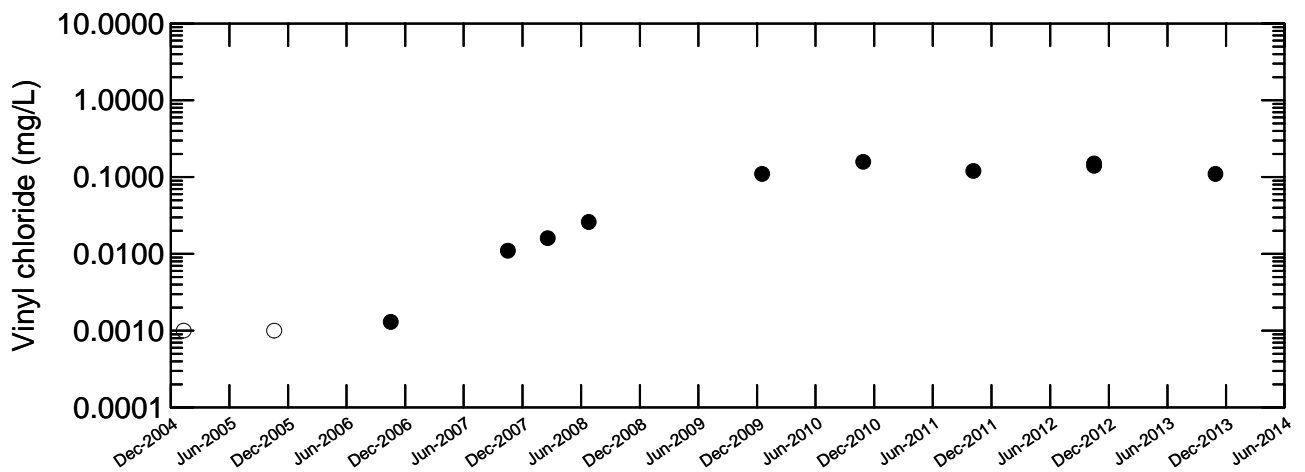
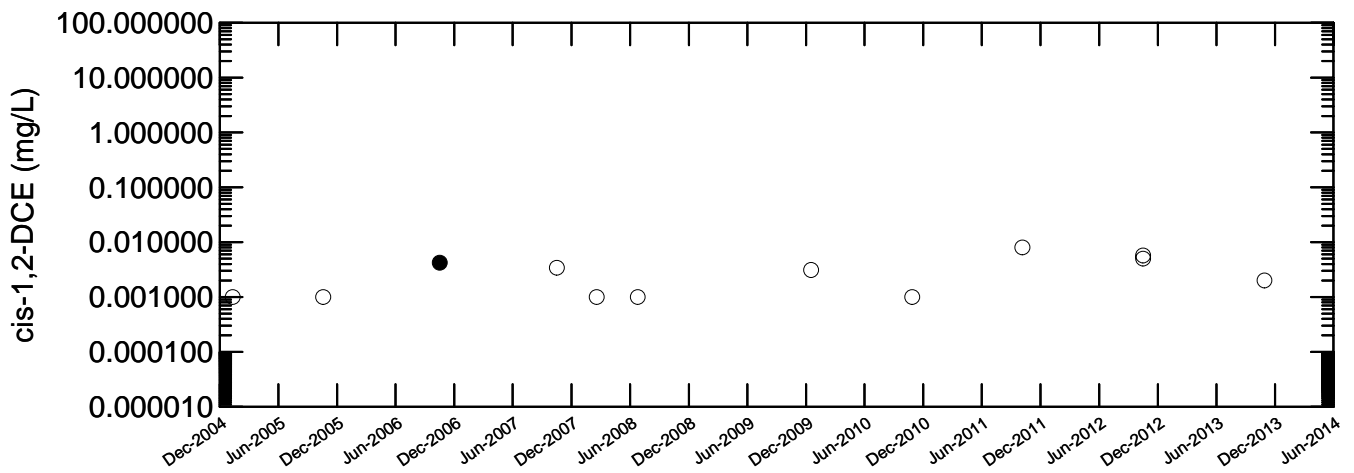
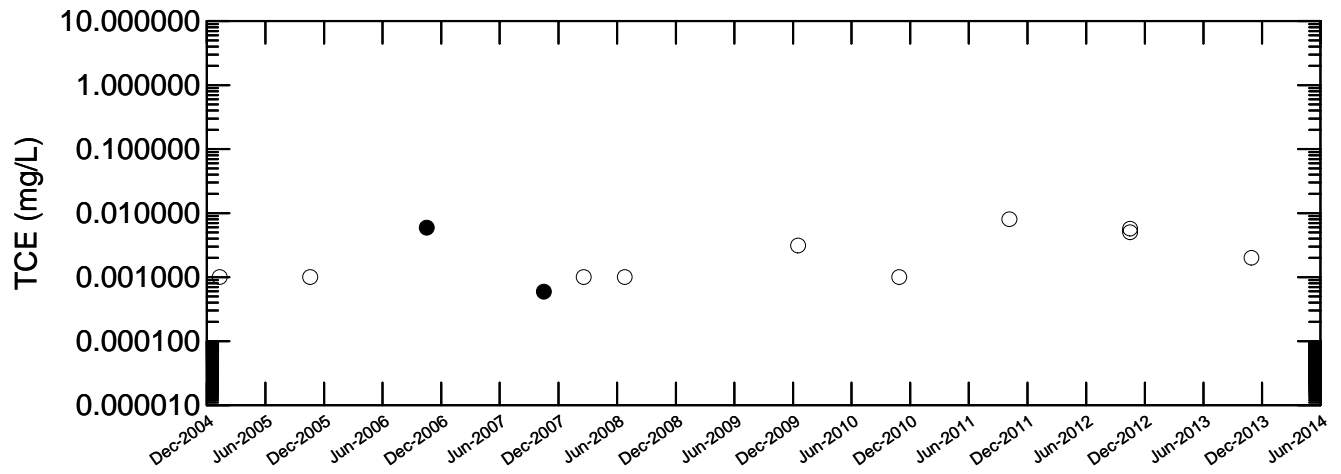
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 57  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

- Detected Result
- Non-Detect Result

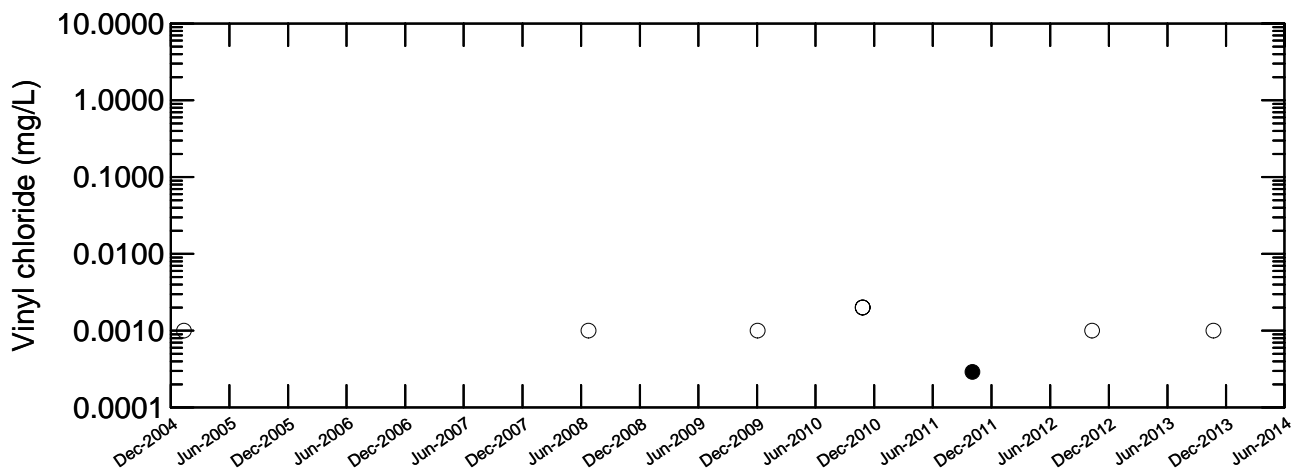
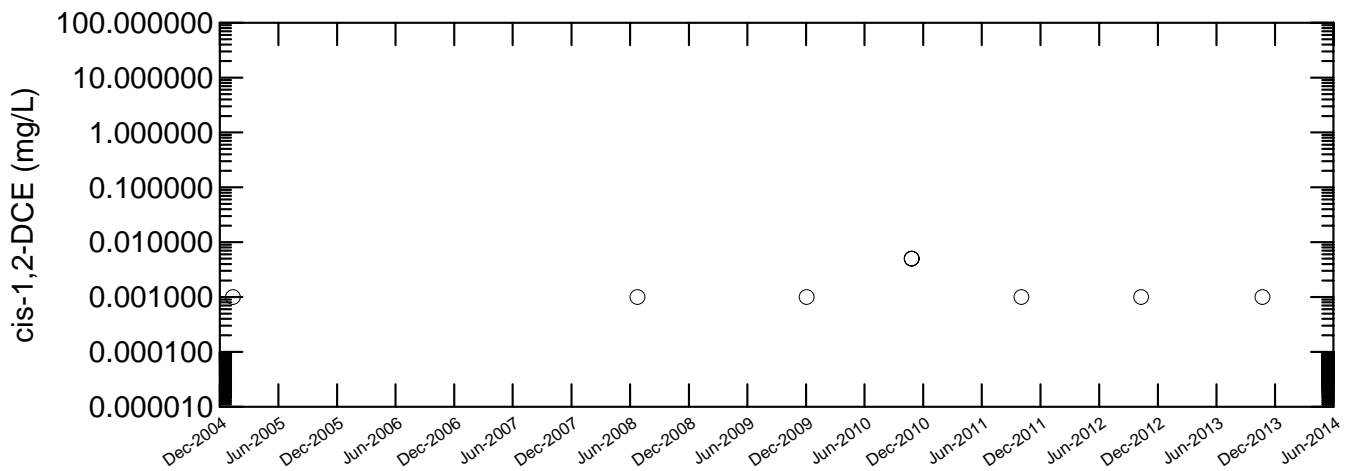
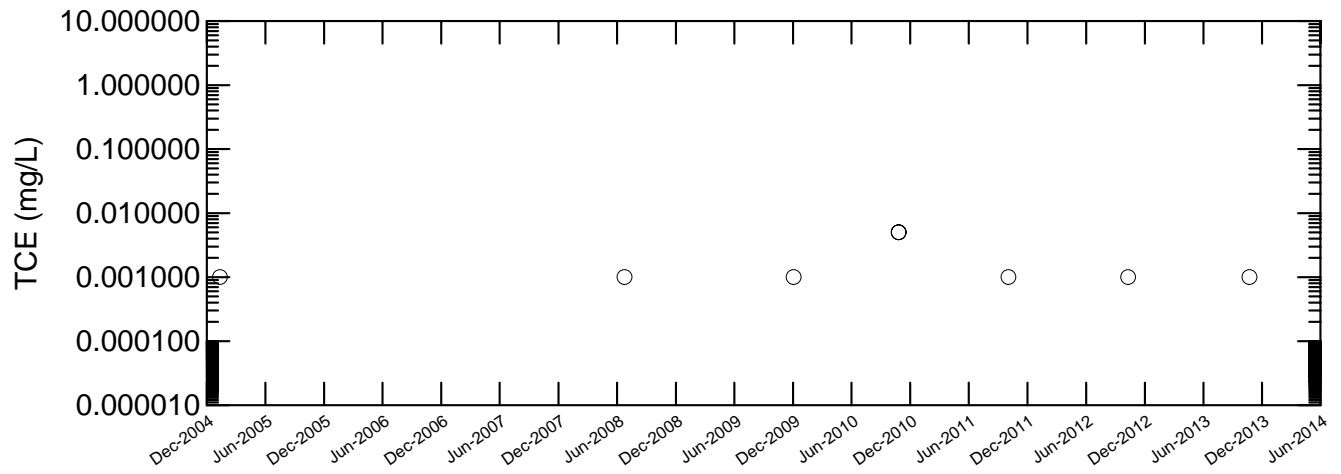
Notes:

Non-detects are shown as the laboratory detection limit.

MW 58  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana







Legend:

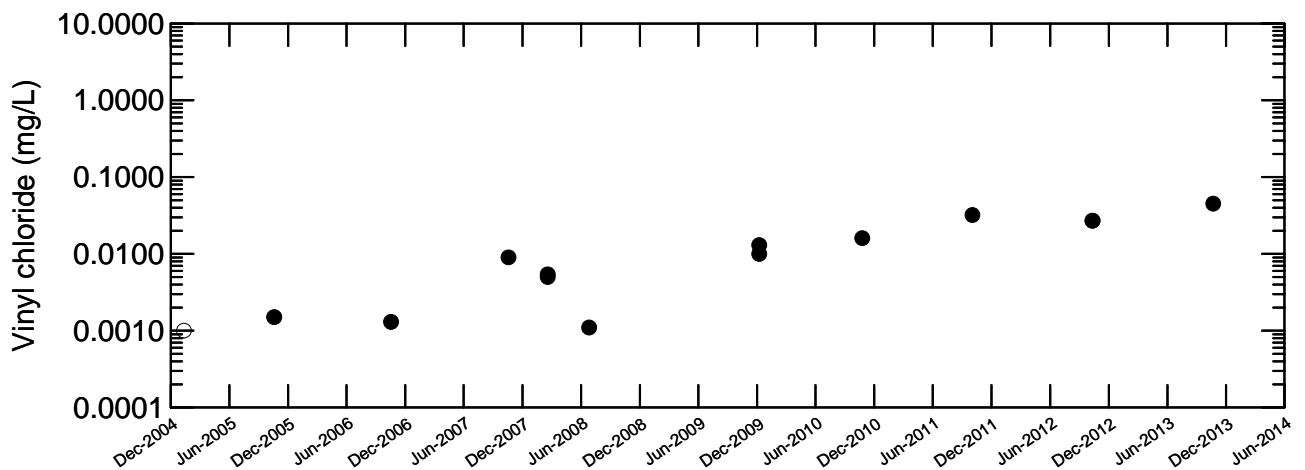
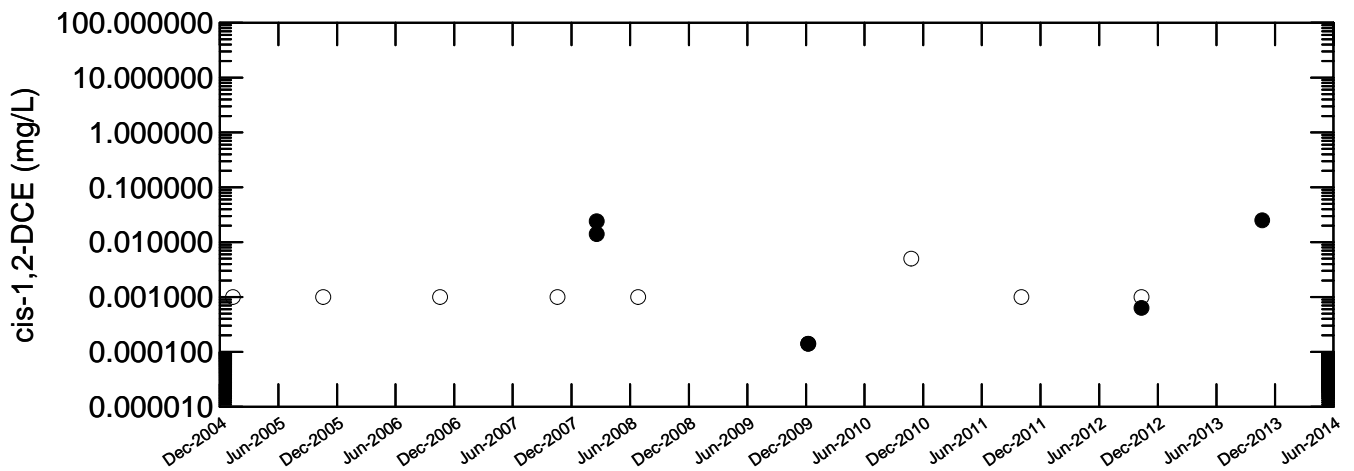
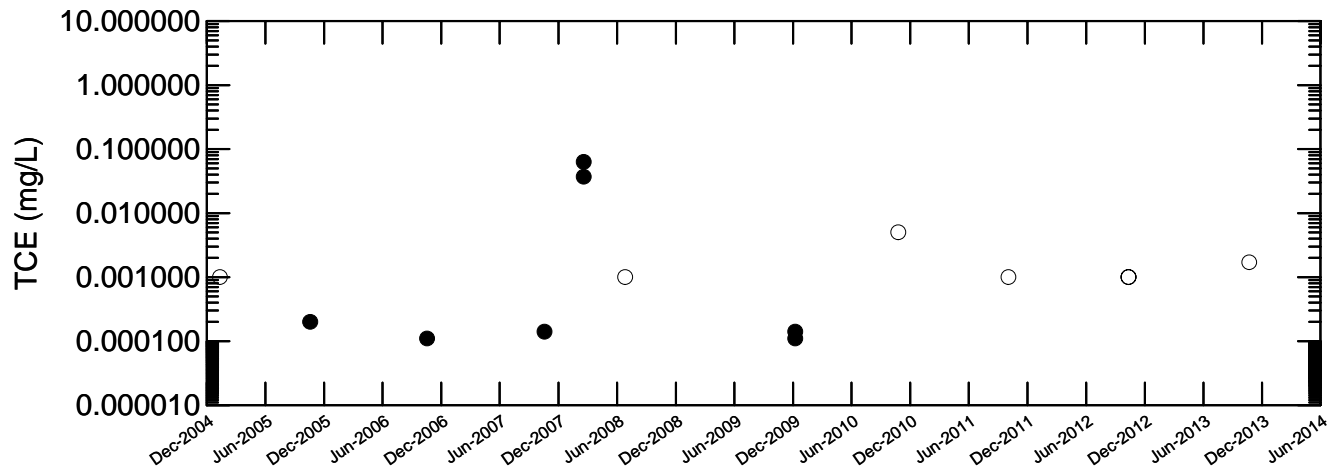
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 61  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

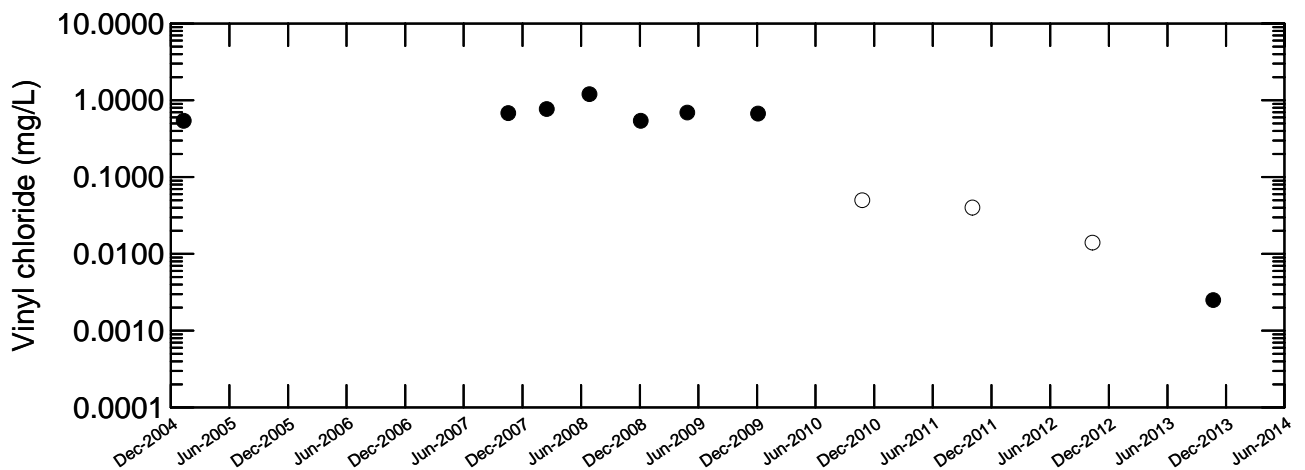
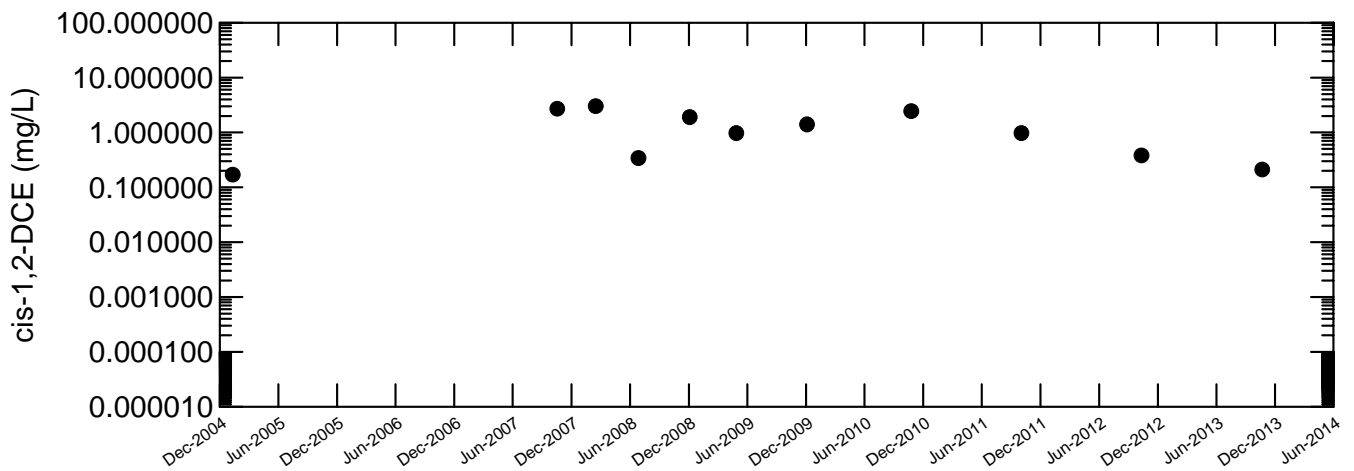
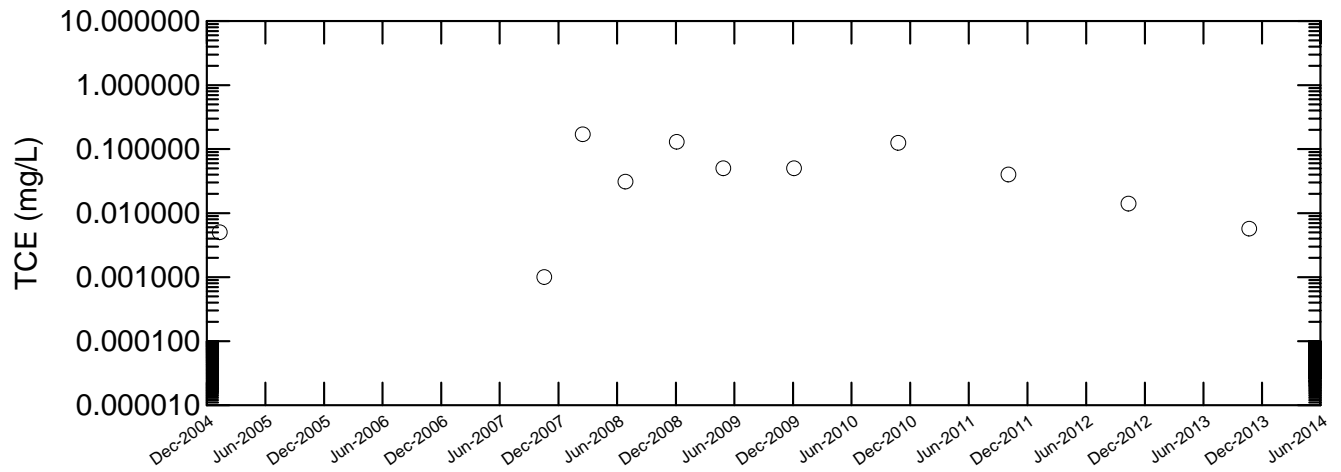
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 64  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

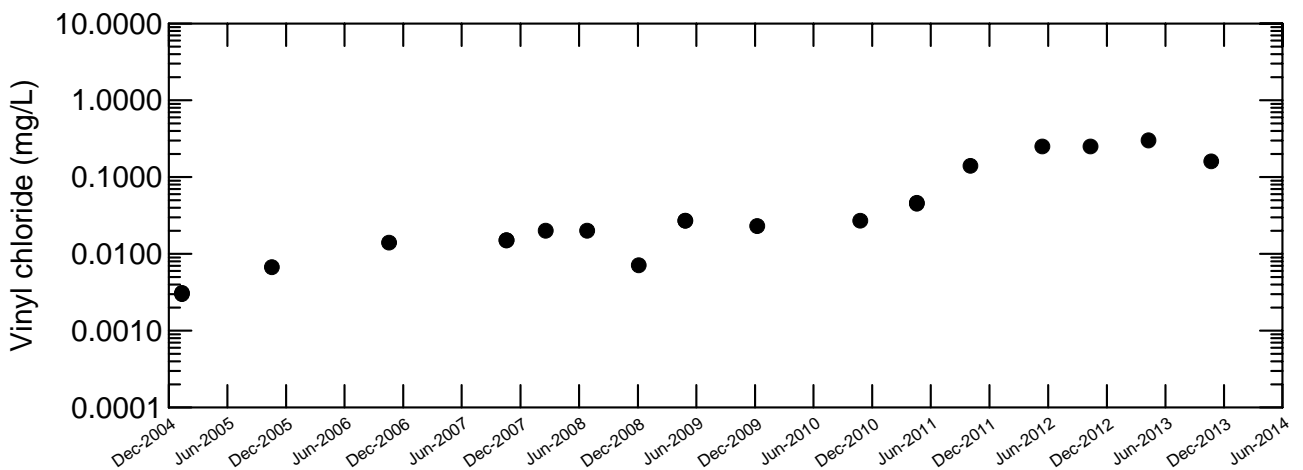
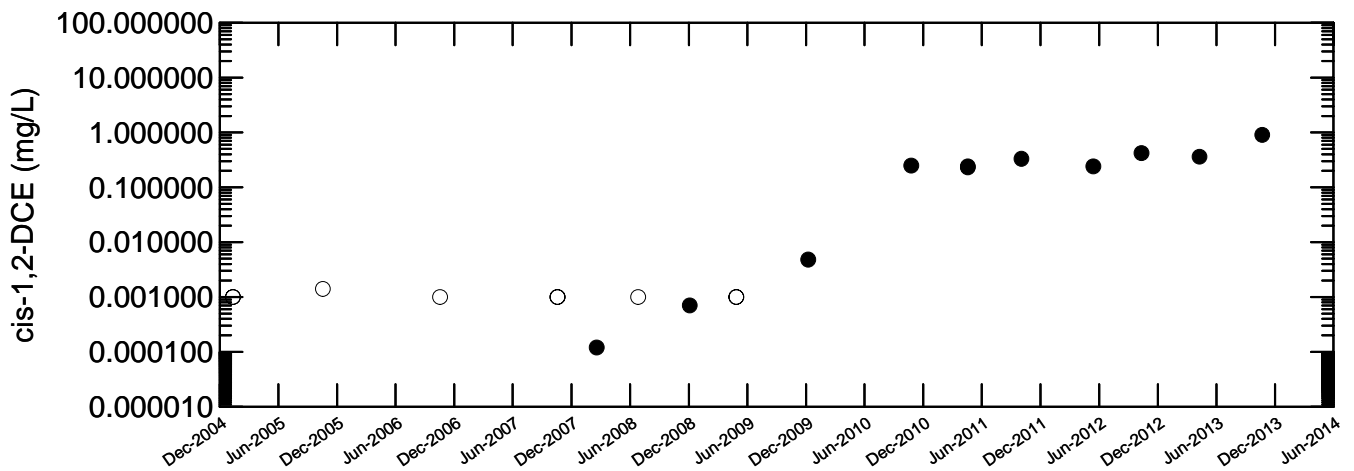
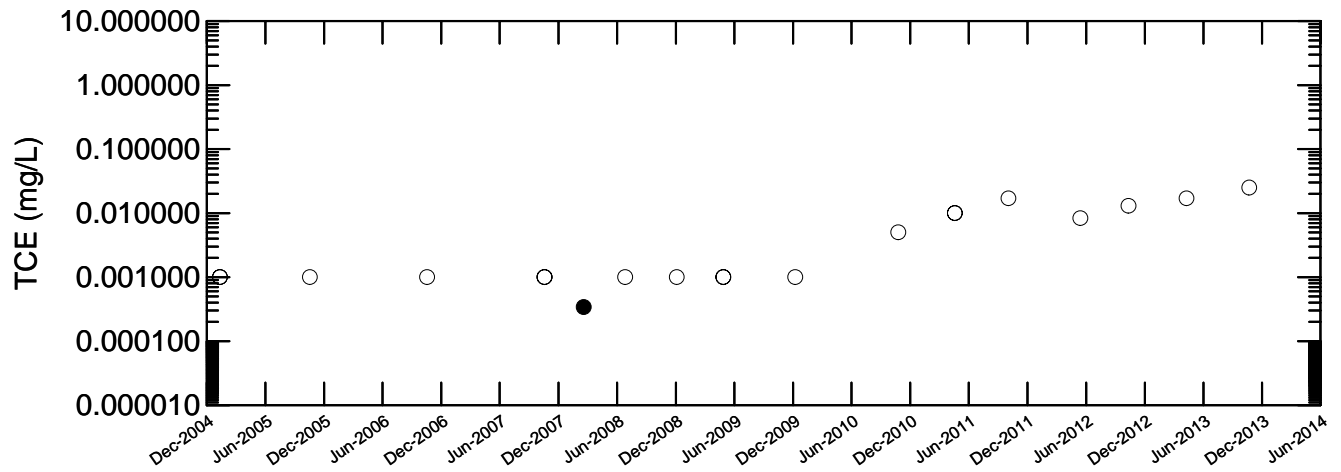
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 65  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

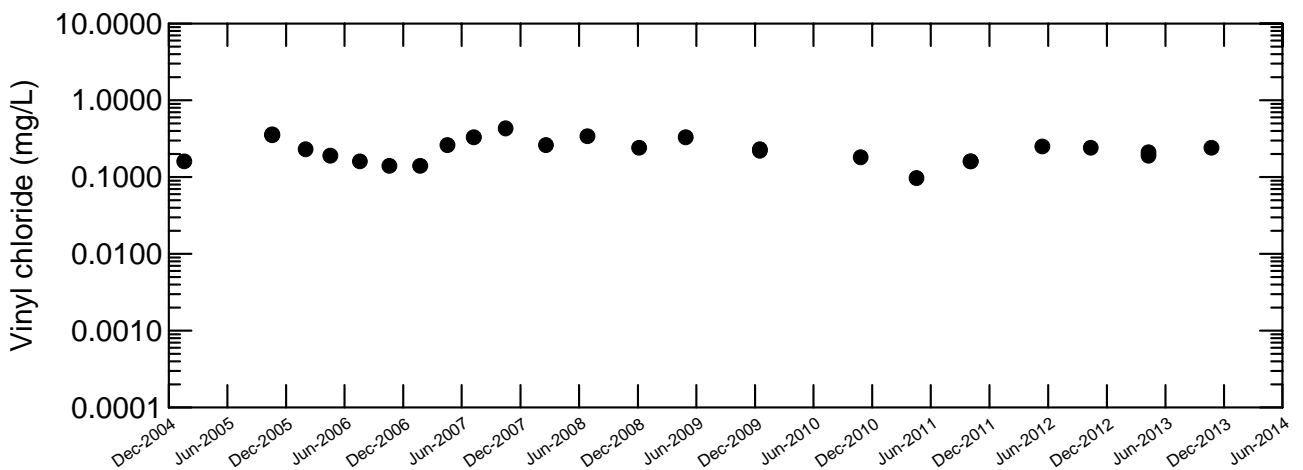
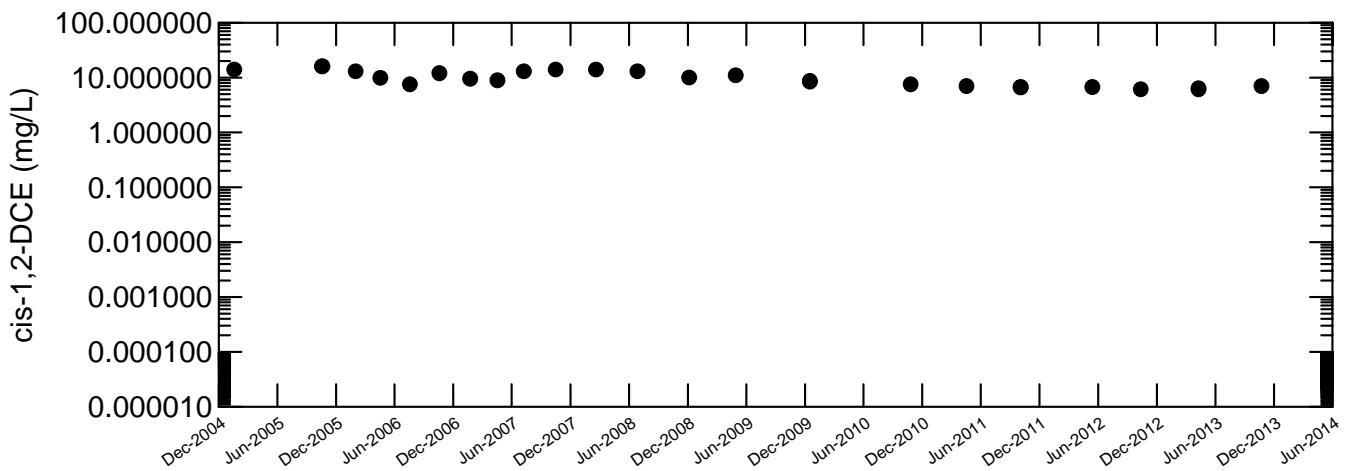
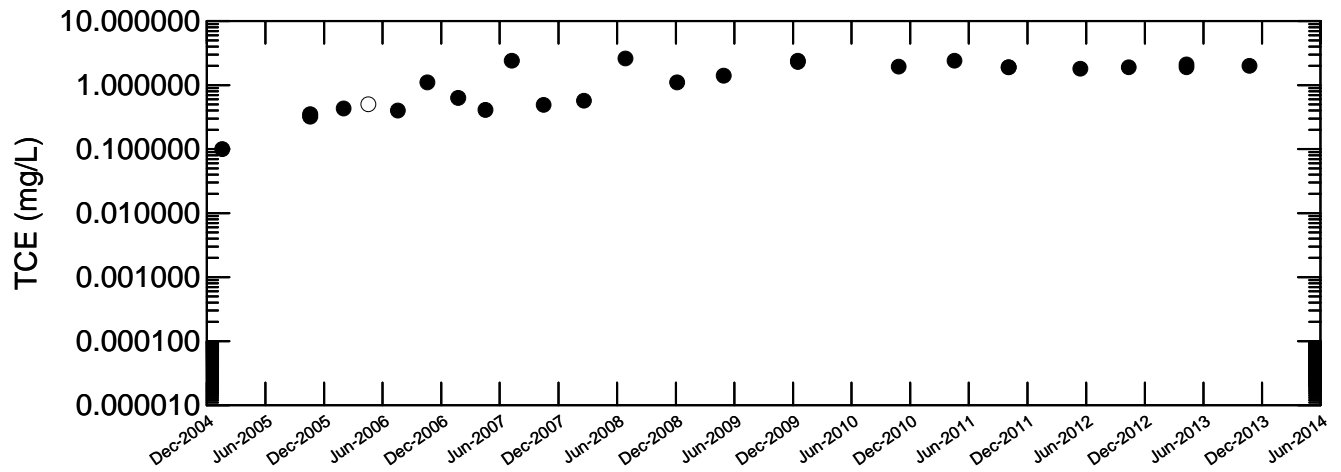
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 66  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

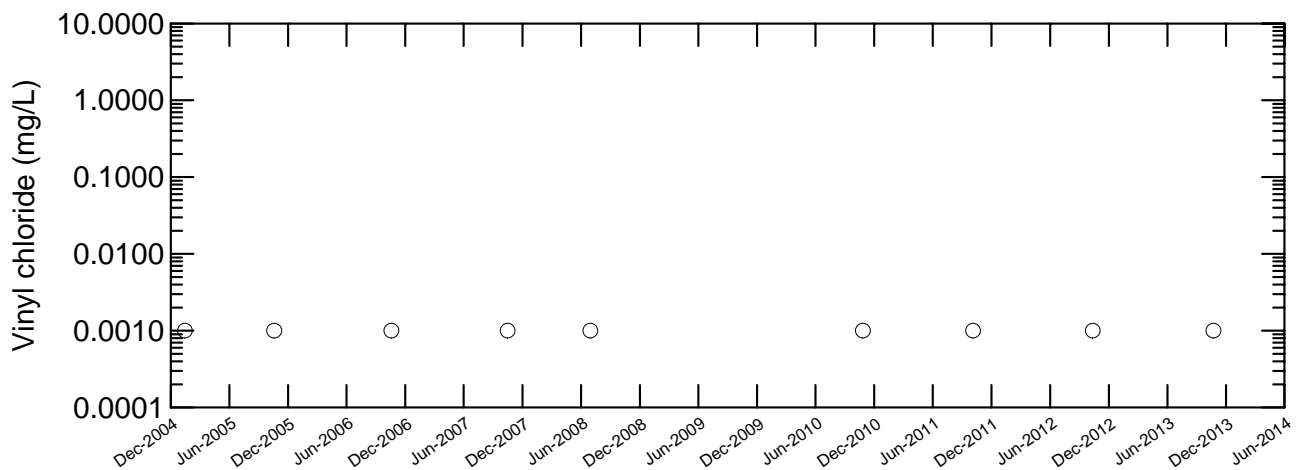
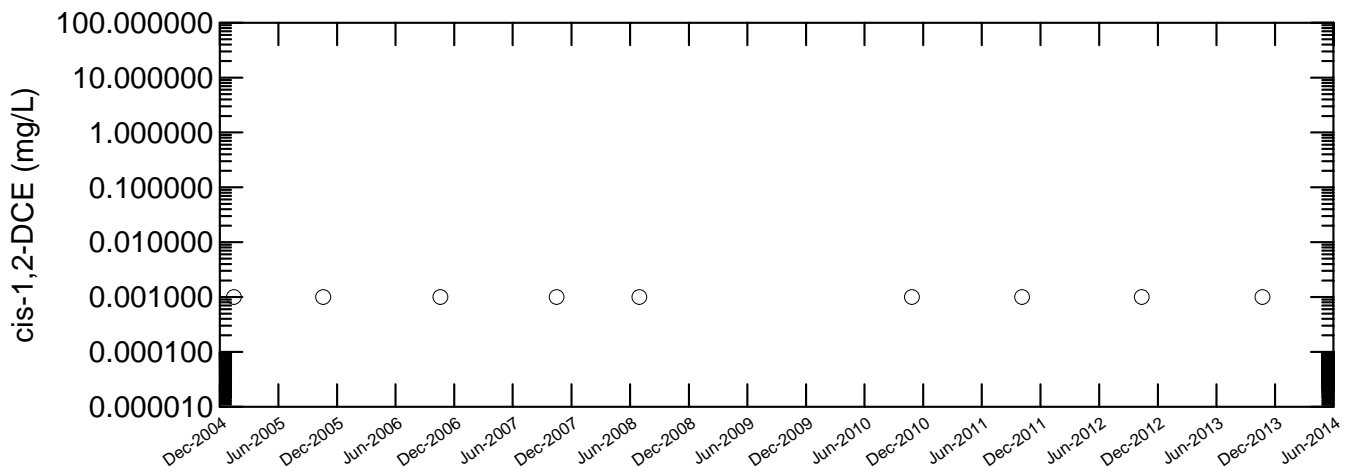
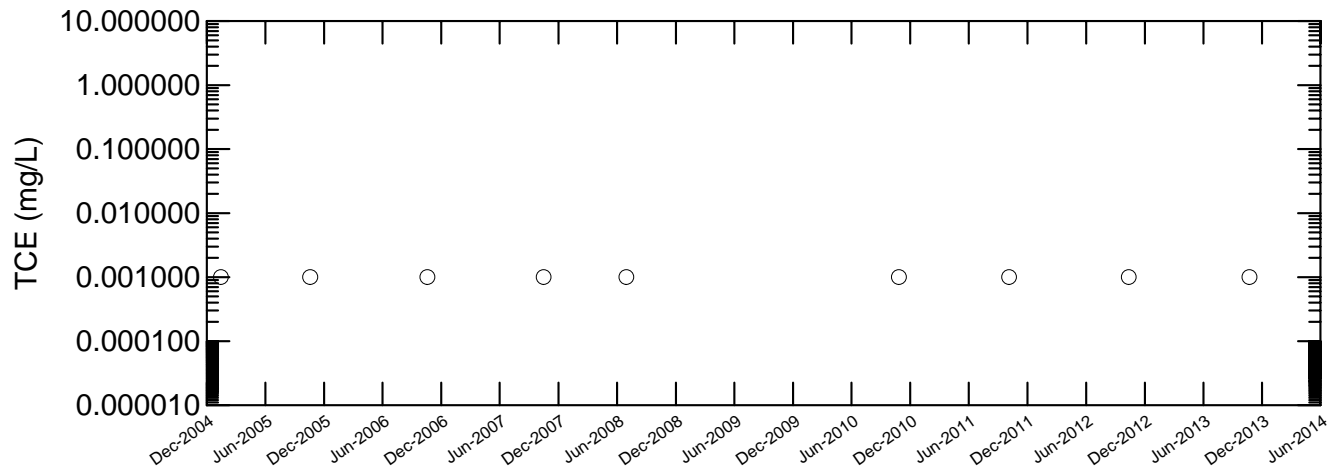
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 68  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

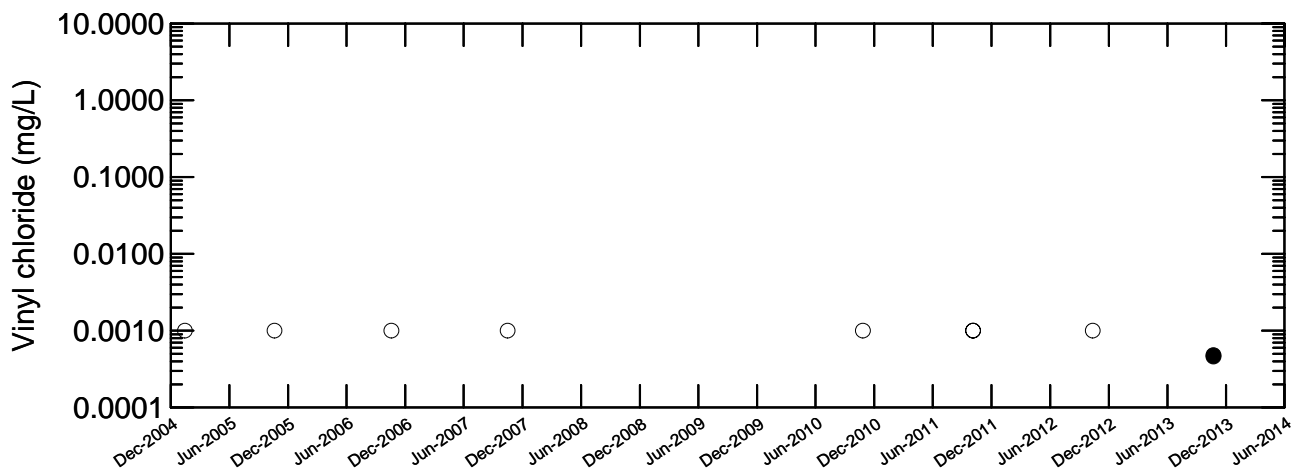
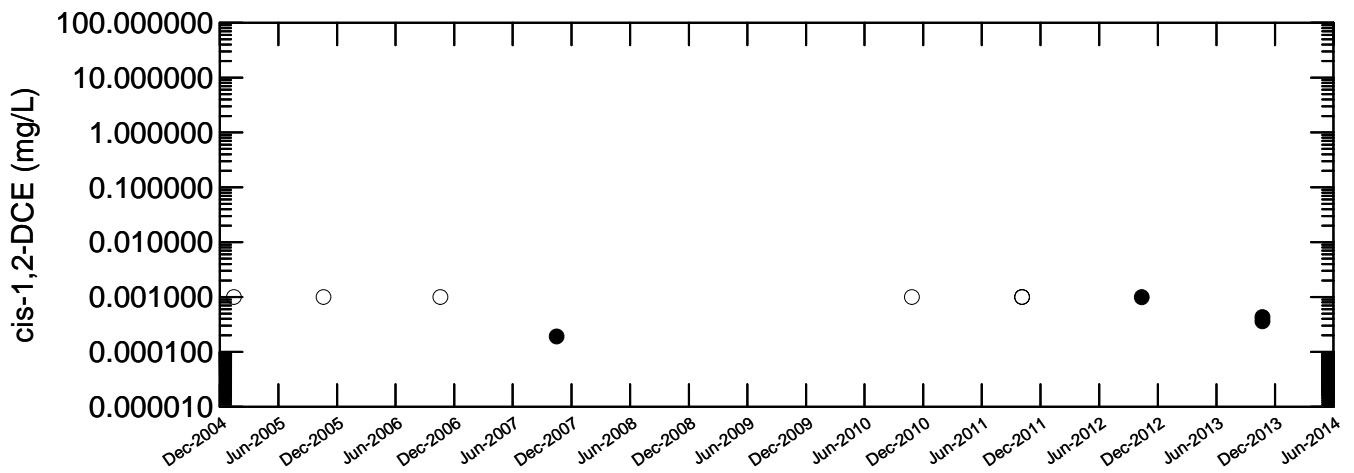
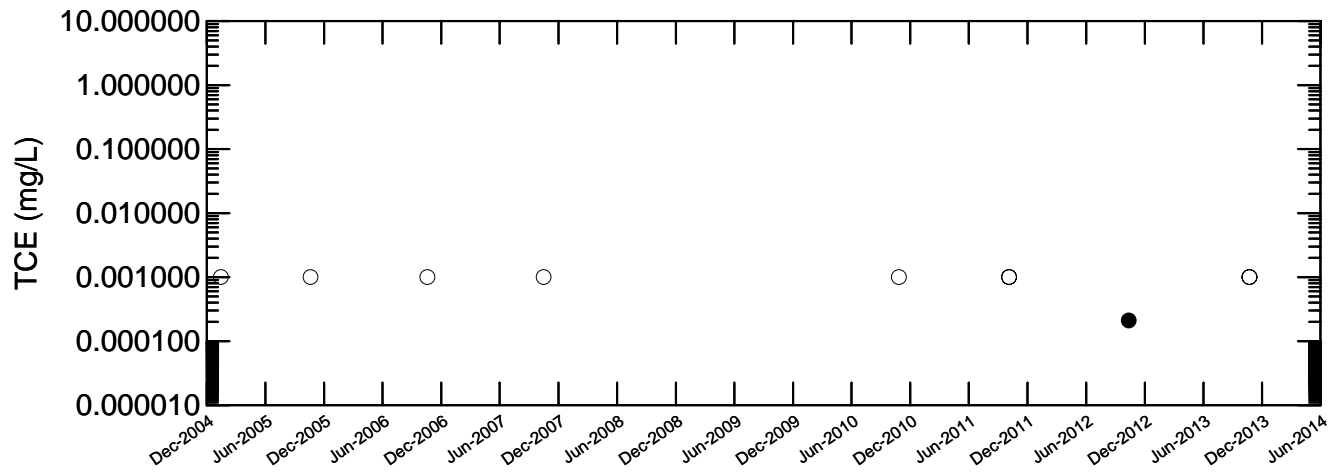
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 75  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

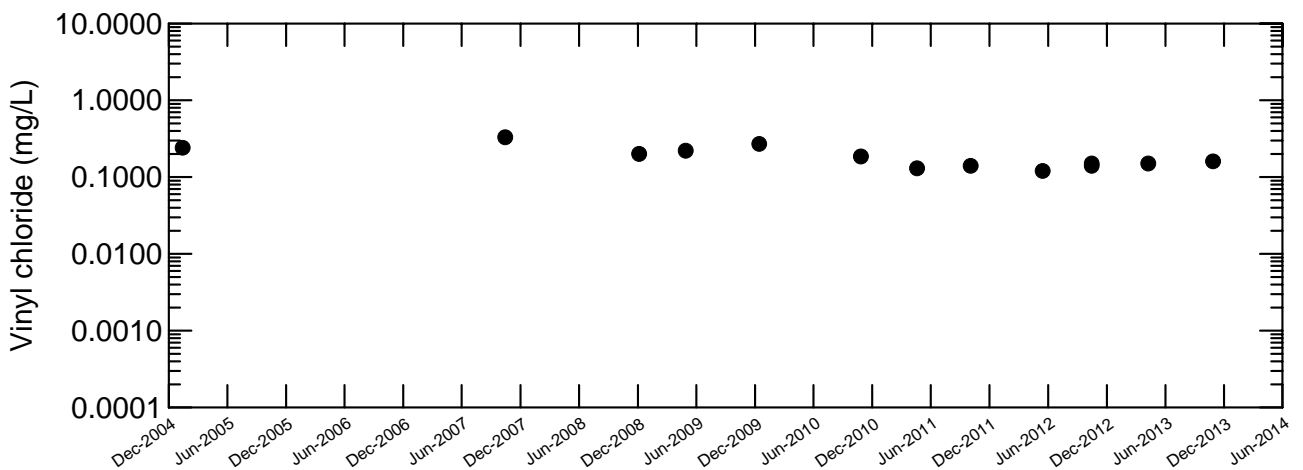
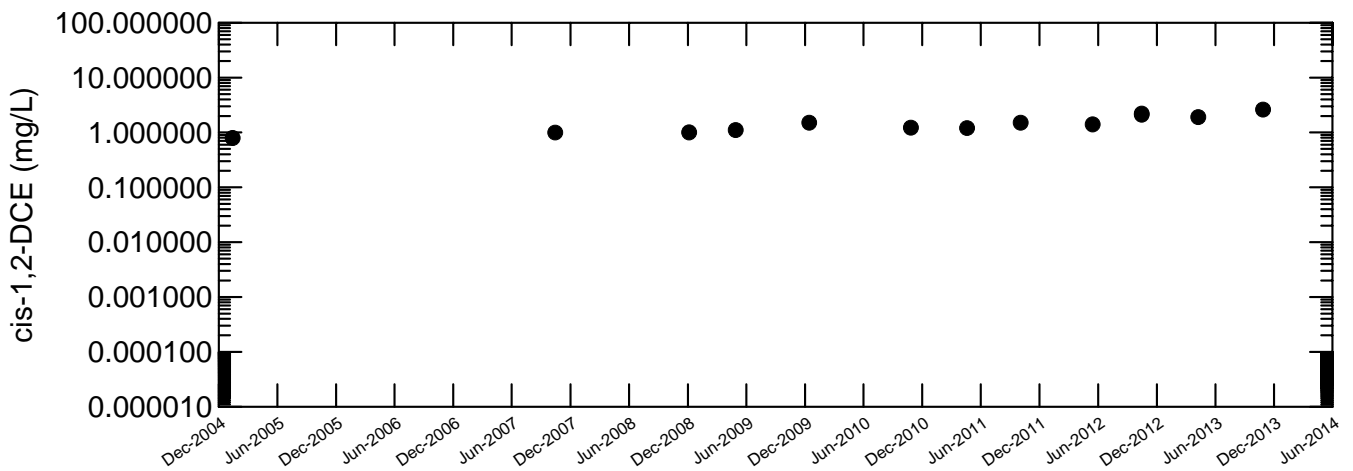
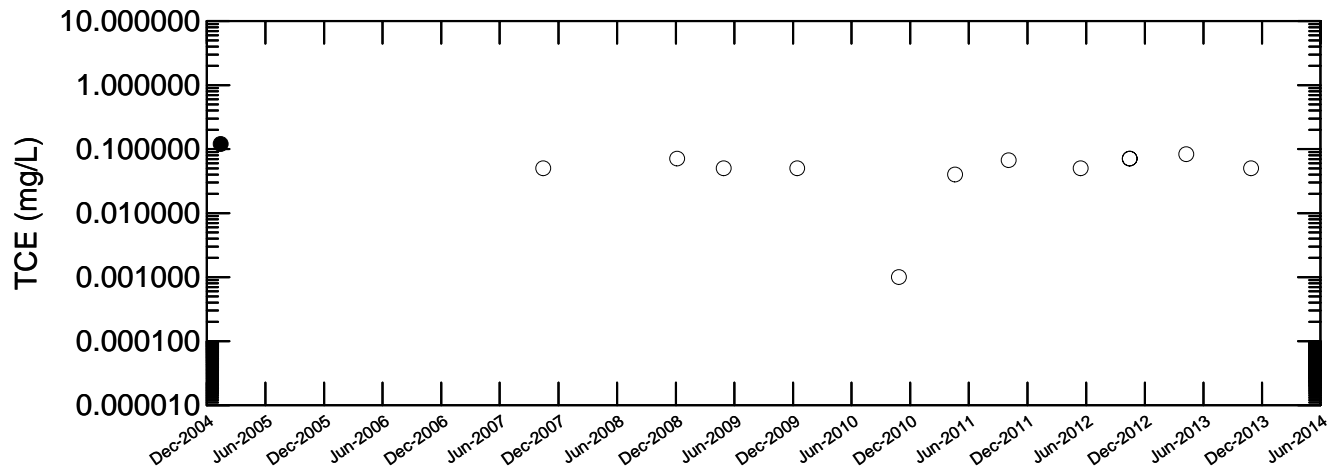
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 76  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

- Detected Result
- Non-Detect Result

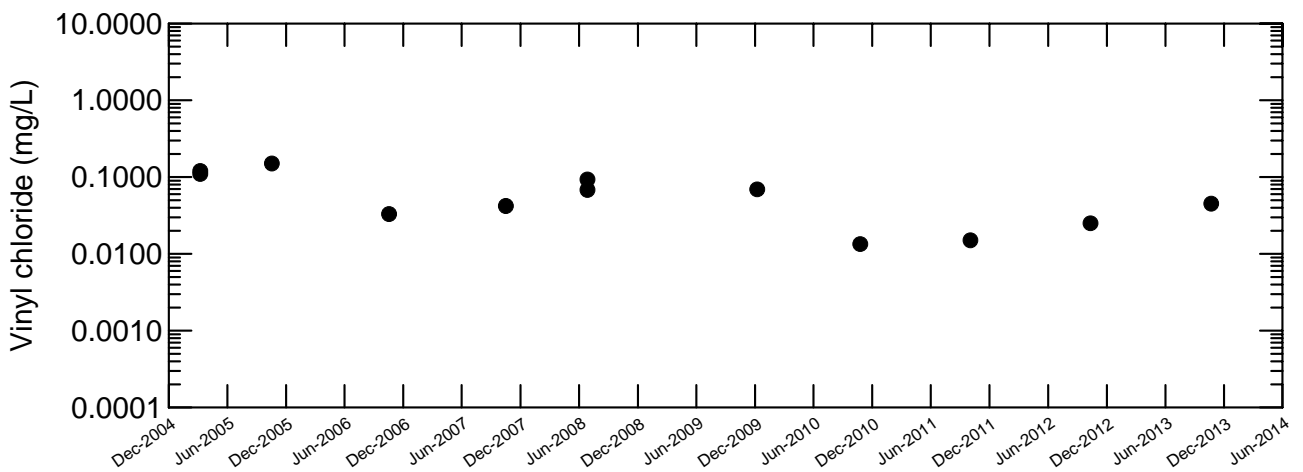
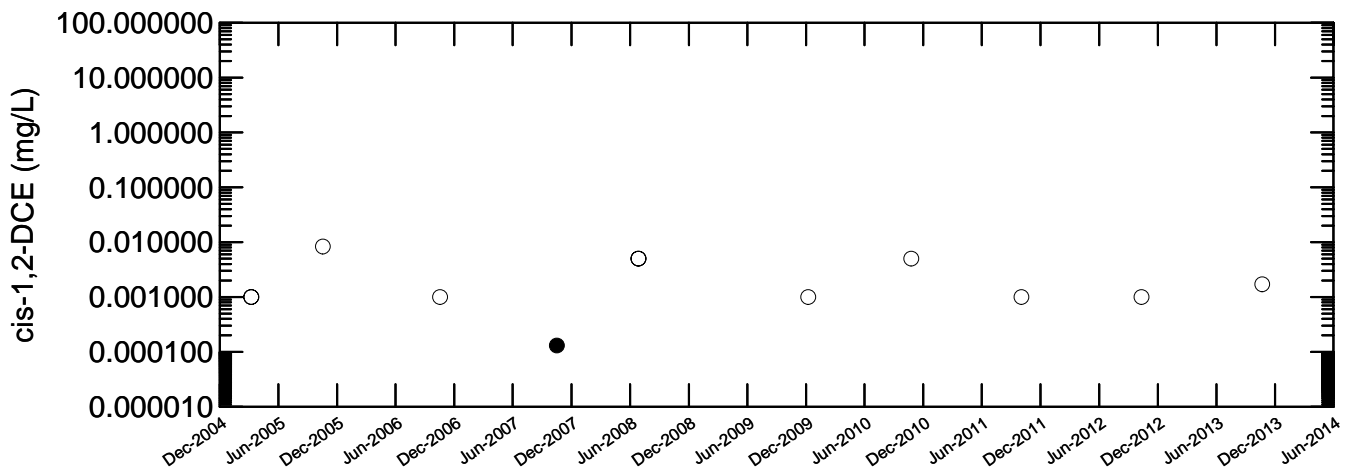
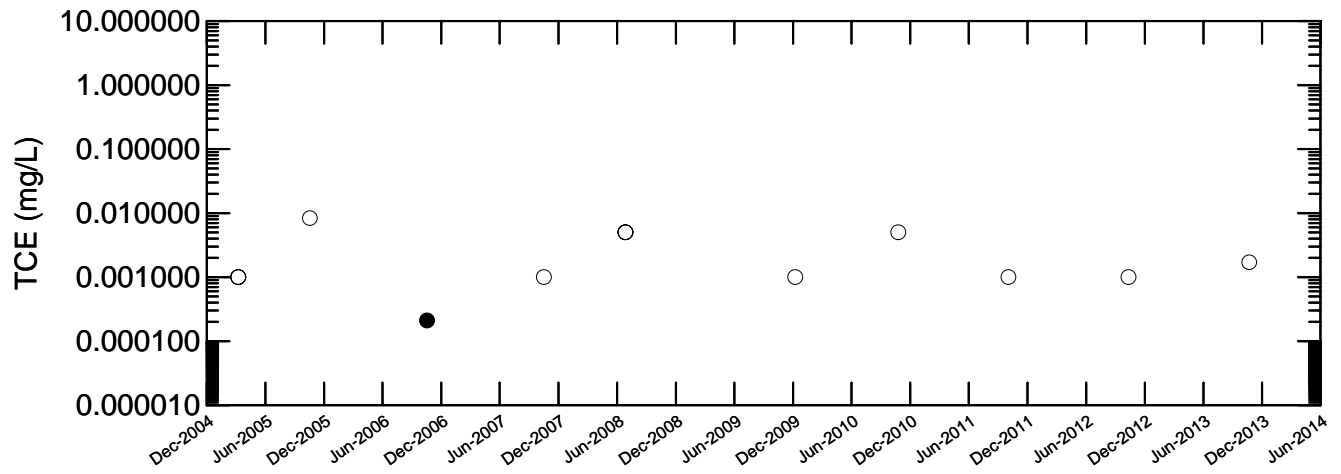
Notes:

Non-detects are shown as the laboratory detection limit.

MW 79  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana







Legend:

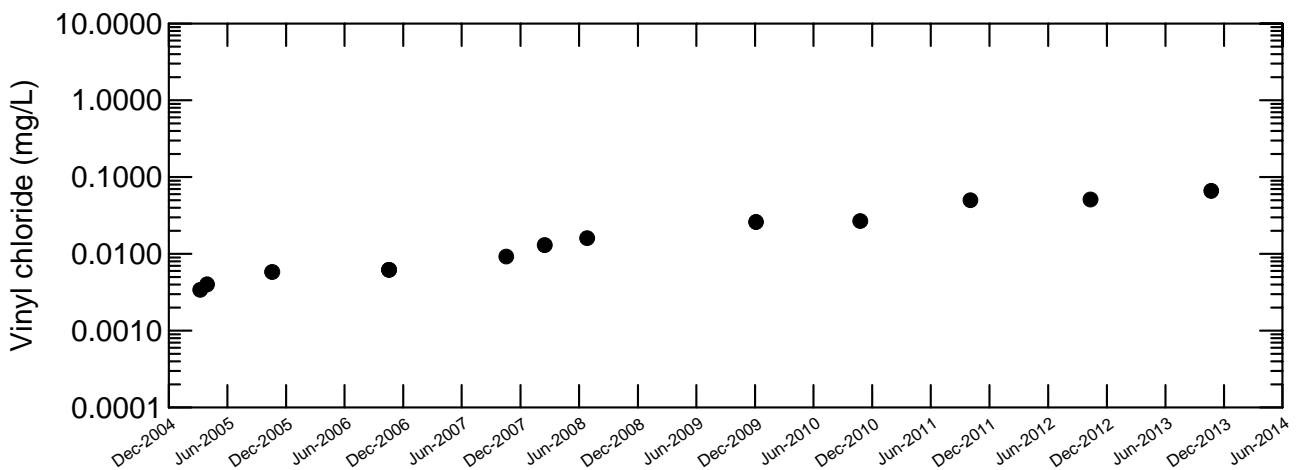
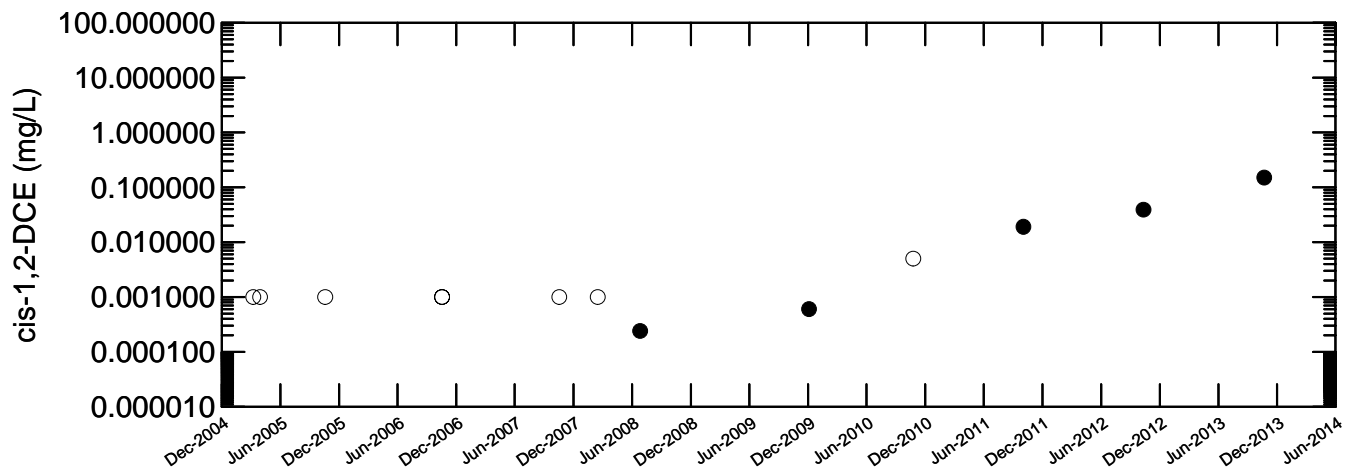
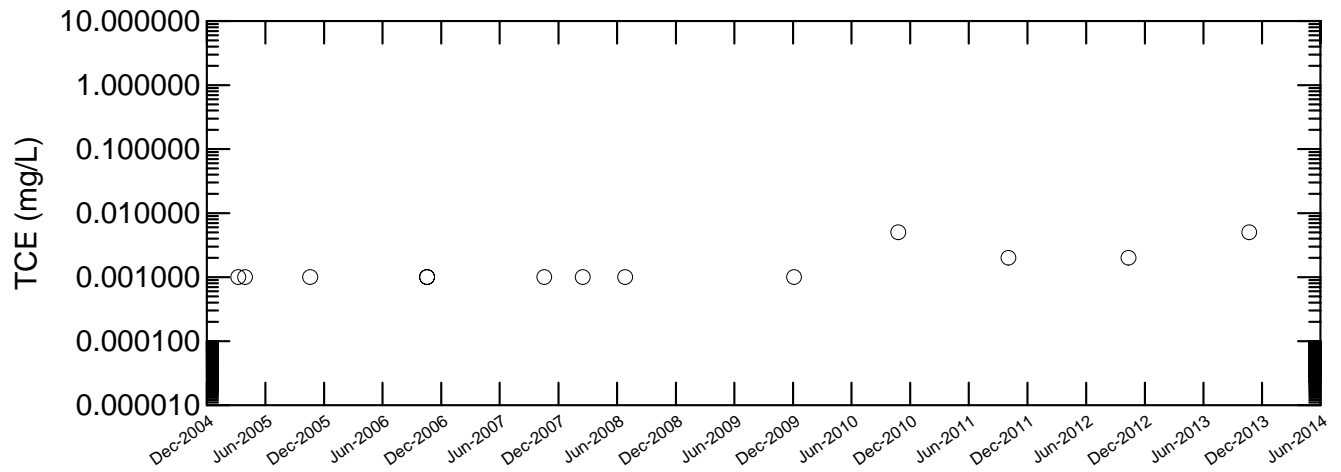
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 80  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

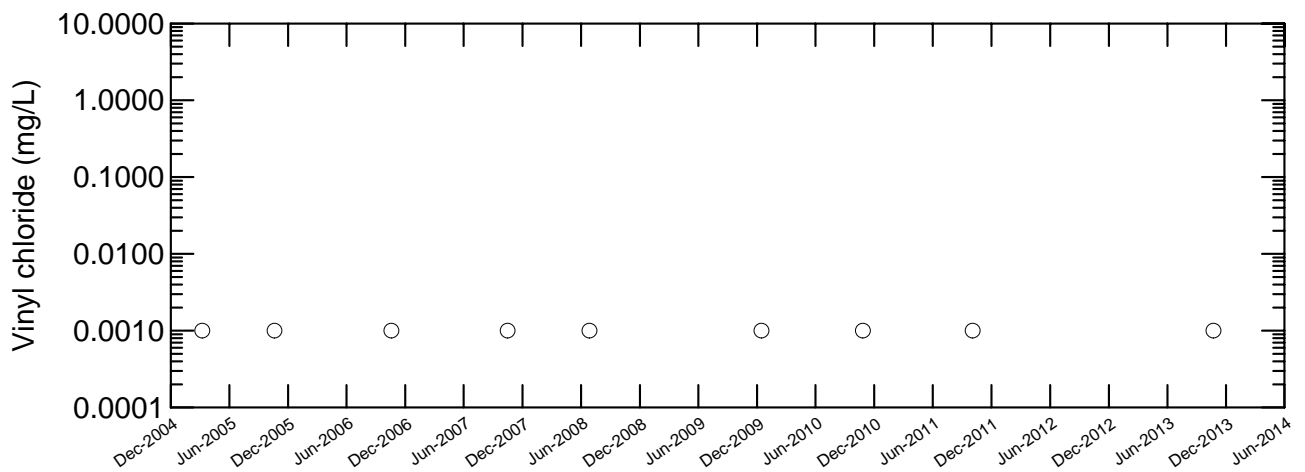
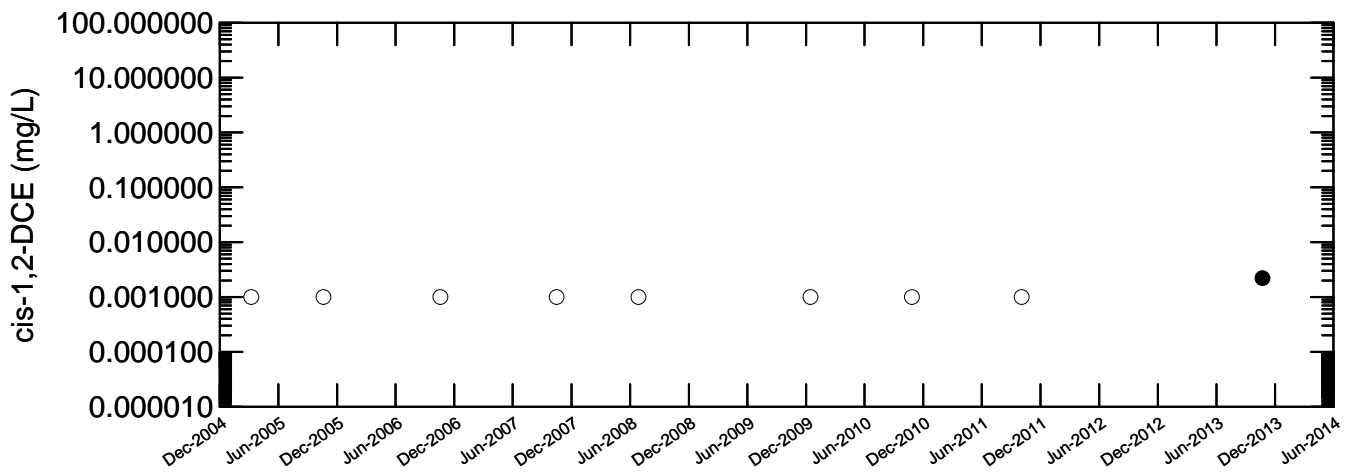
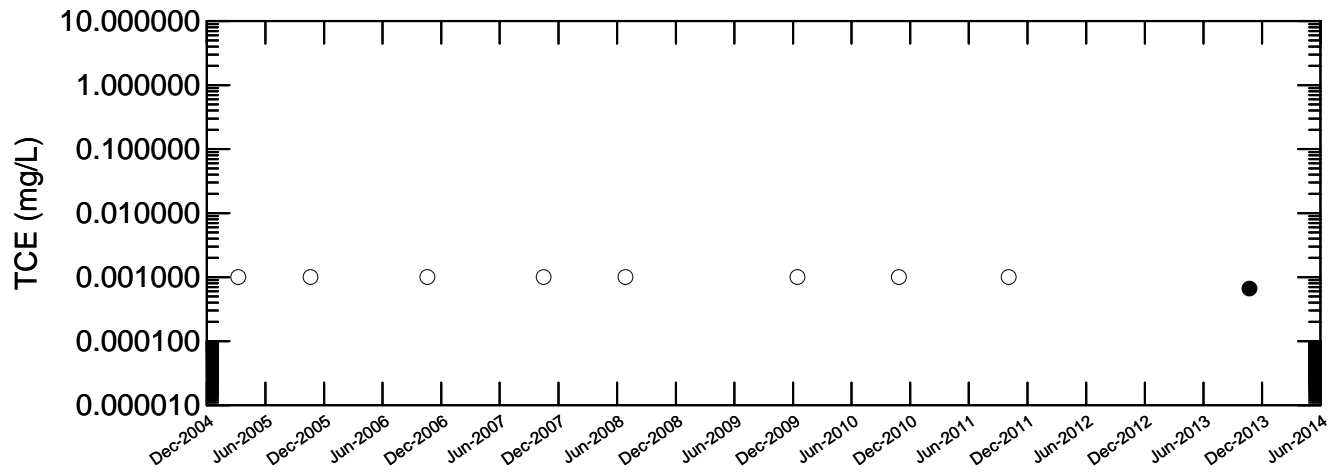
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 81  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

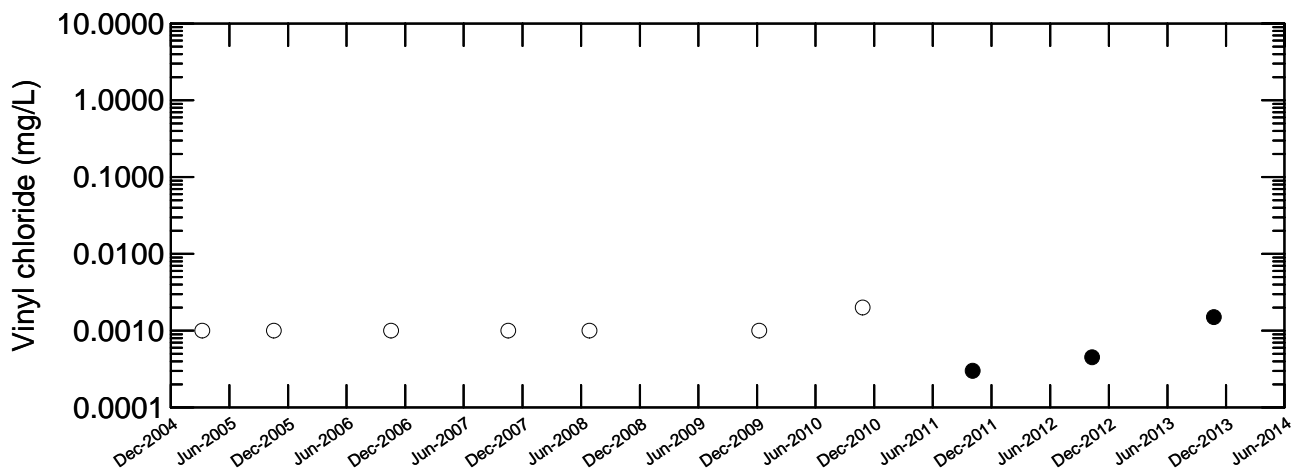
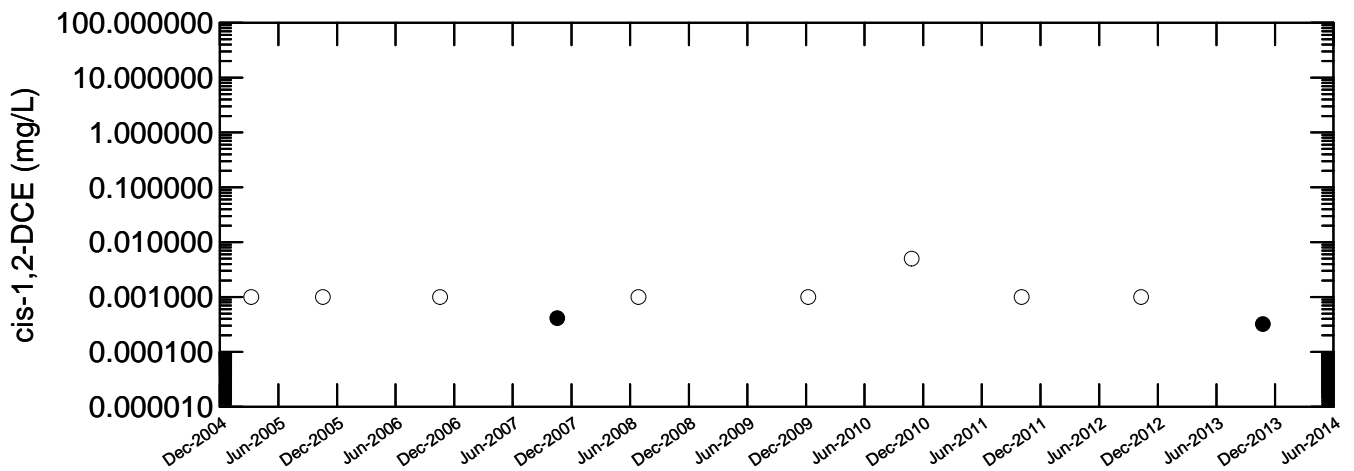
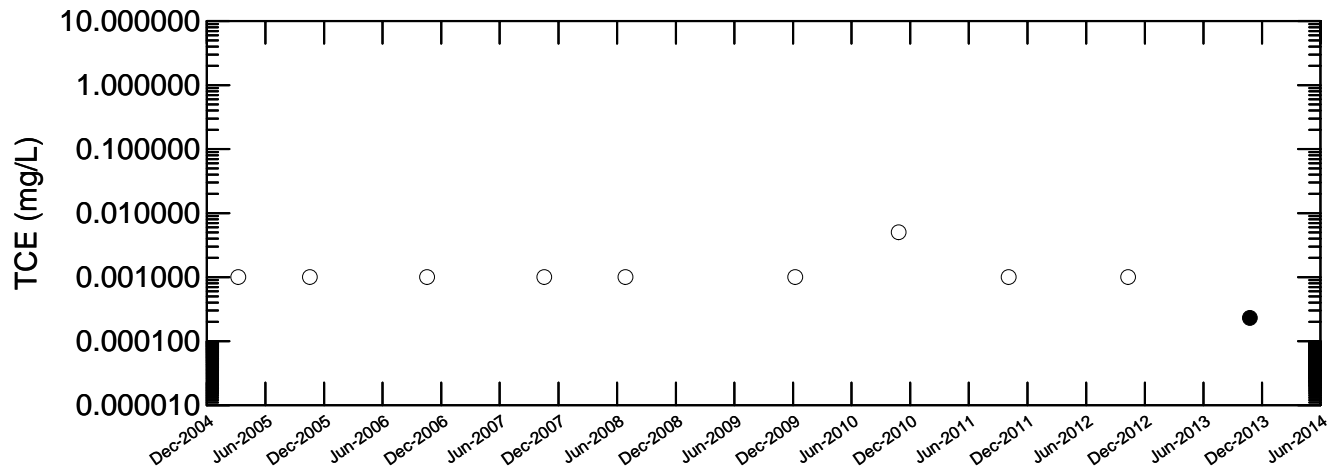
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 82  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

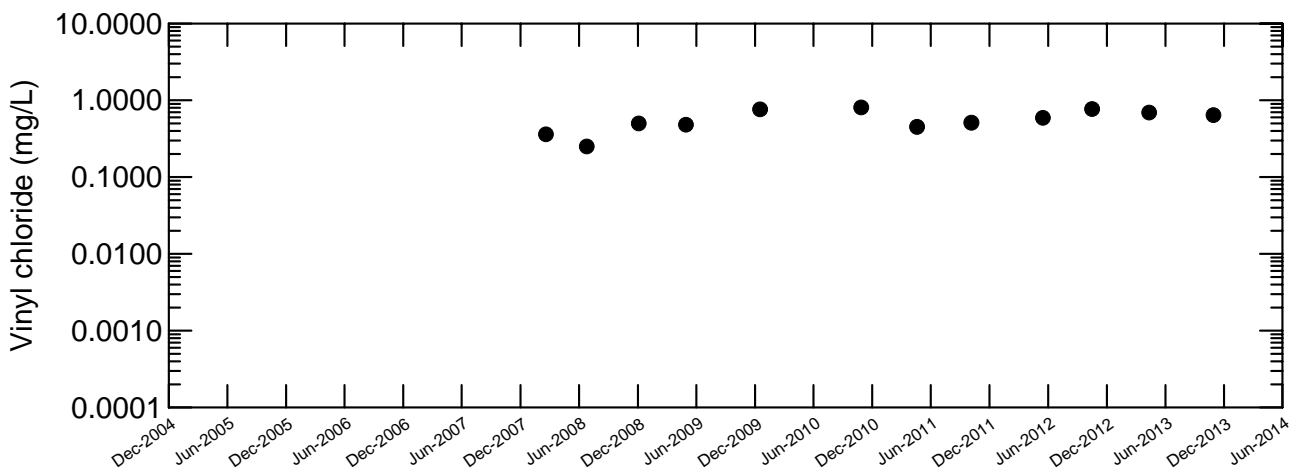
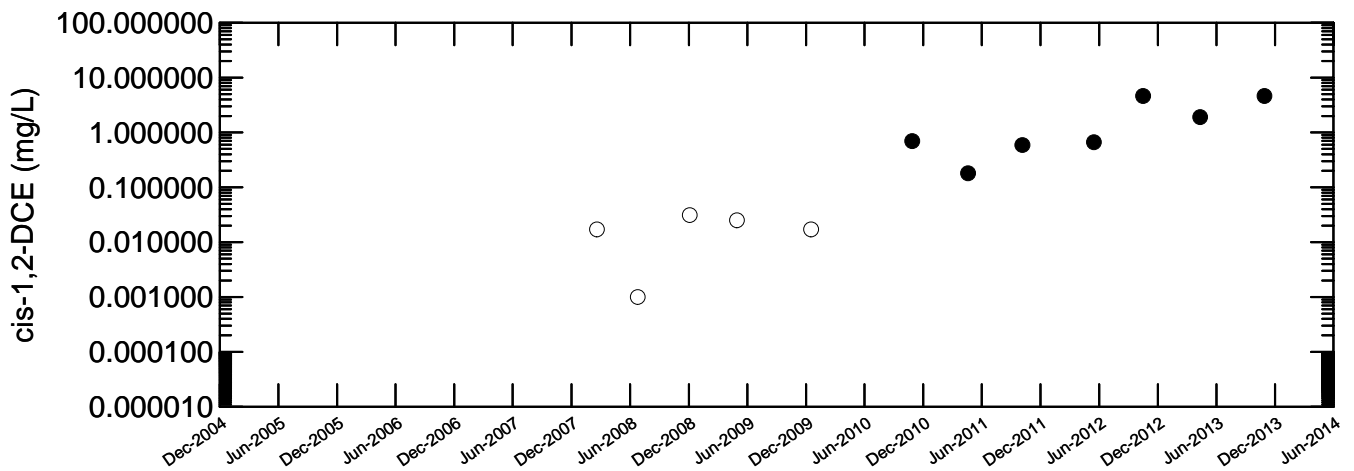
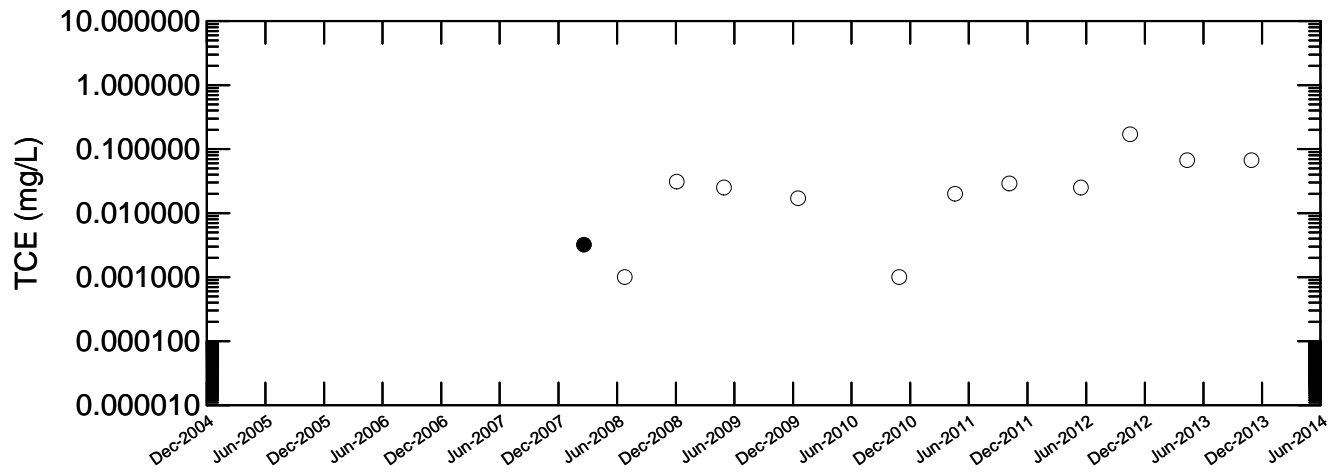
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 83  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





**Legend:**

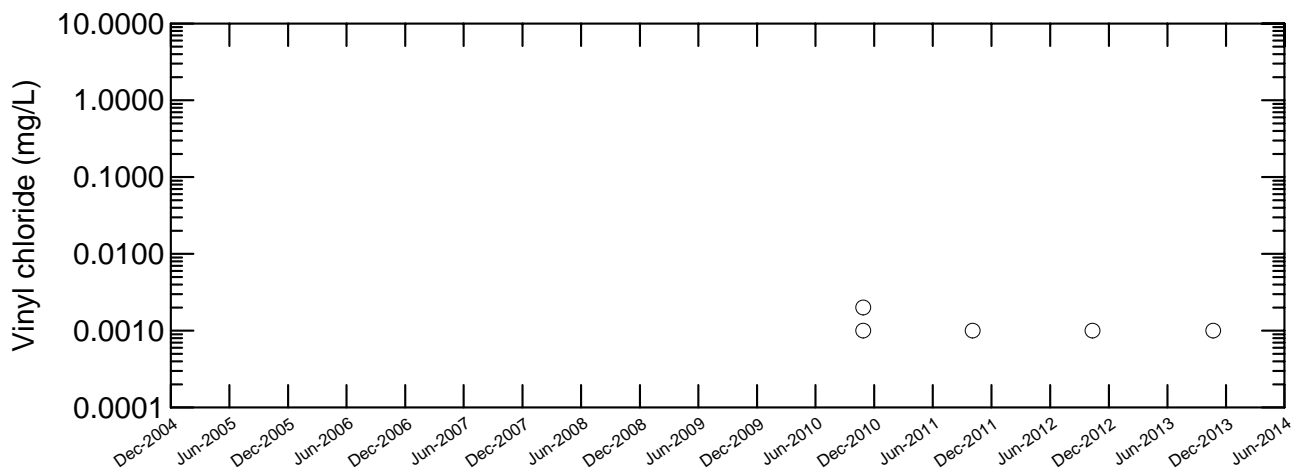
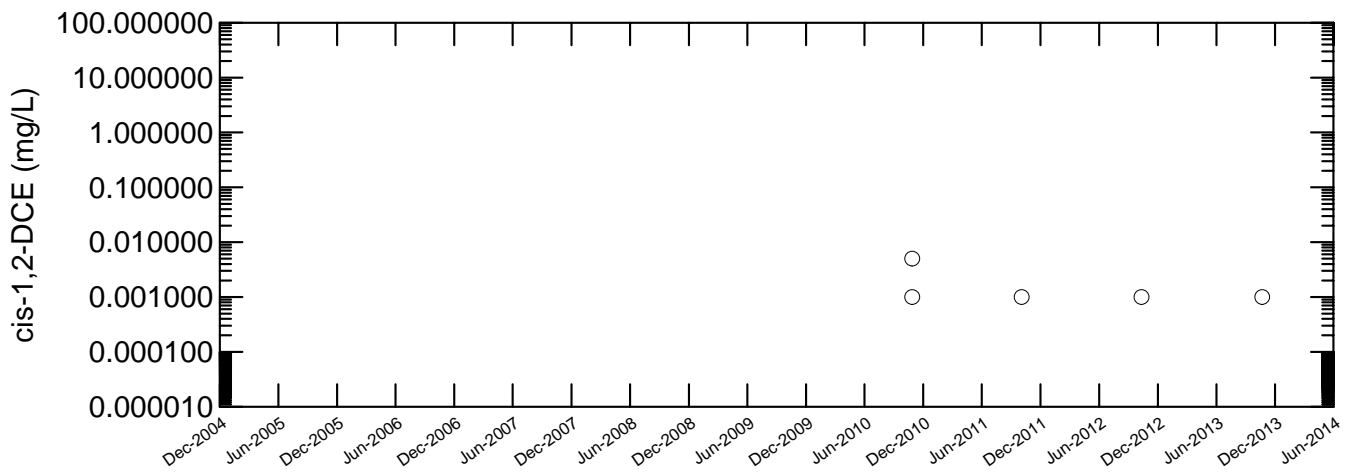
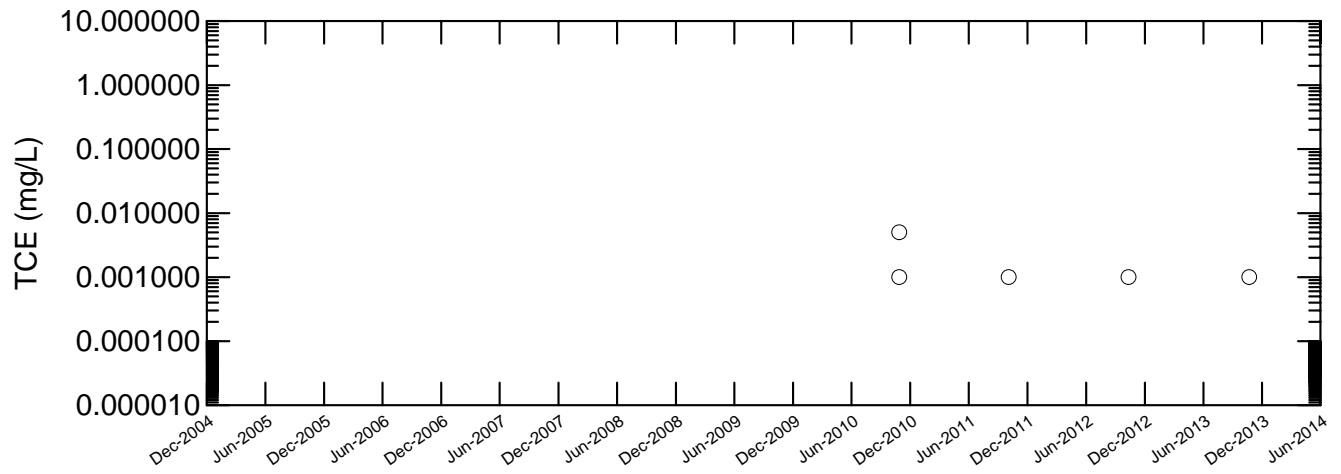
- Detected Result
- Non-Detect Result

**Notes:**

Non-detects are shown as the laboratory detection limit.

MW 85  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

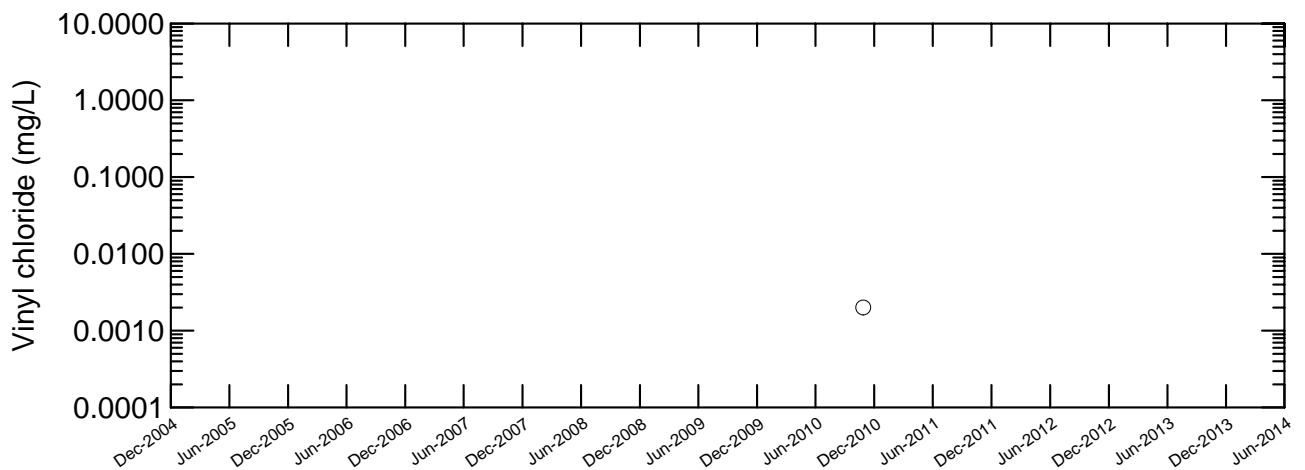
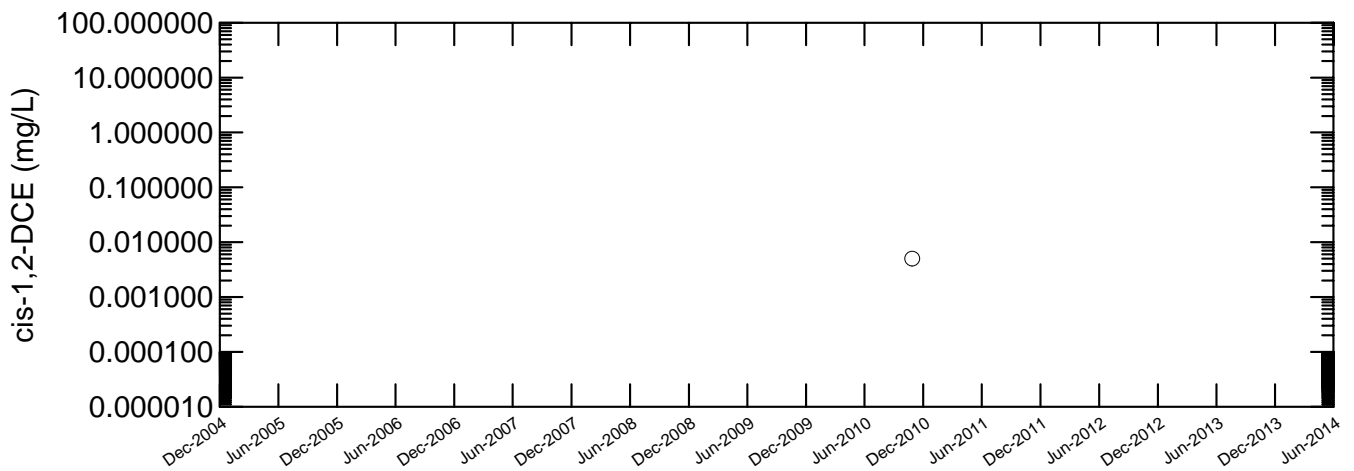
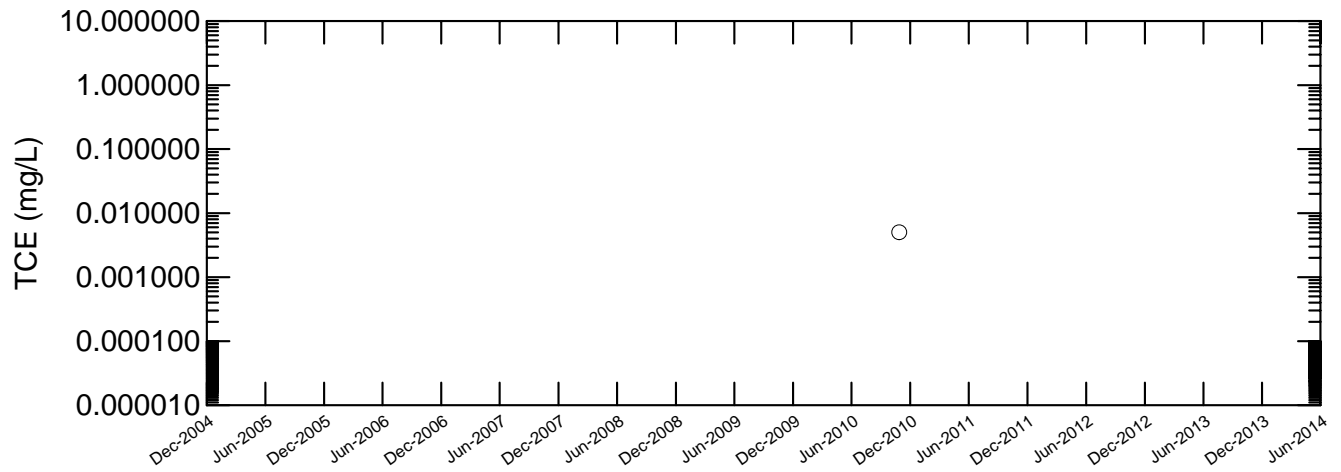
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.



MW 86  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana



Legend:

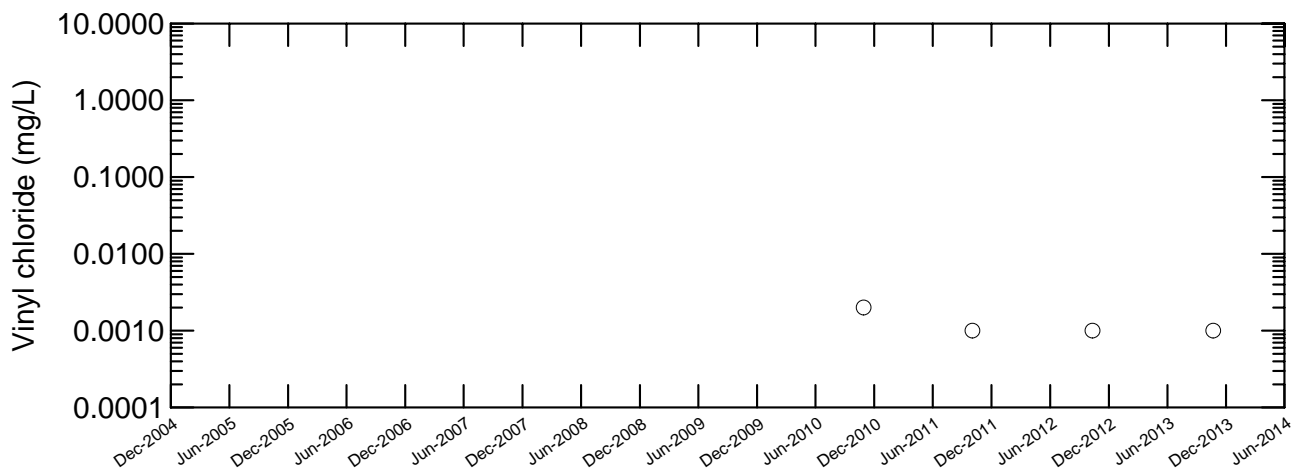
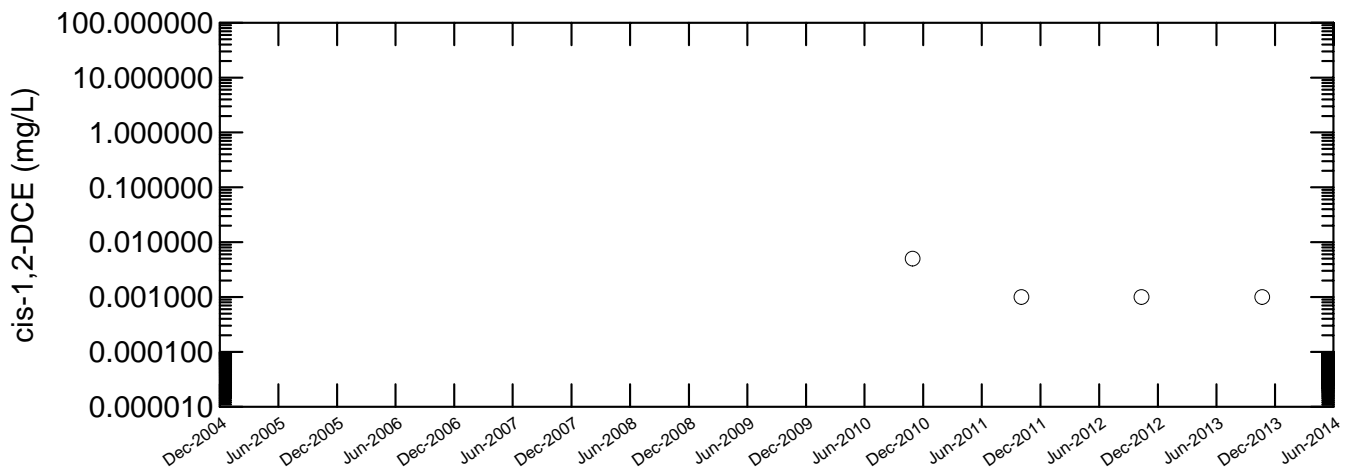
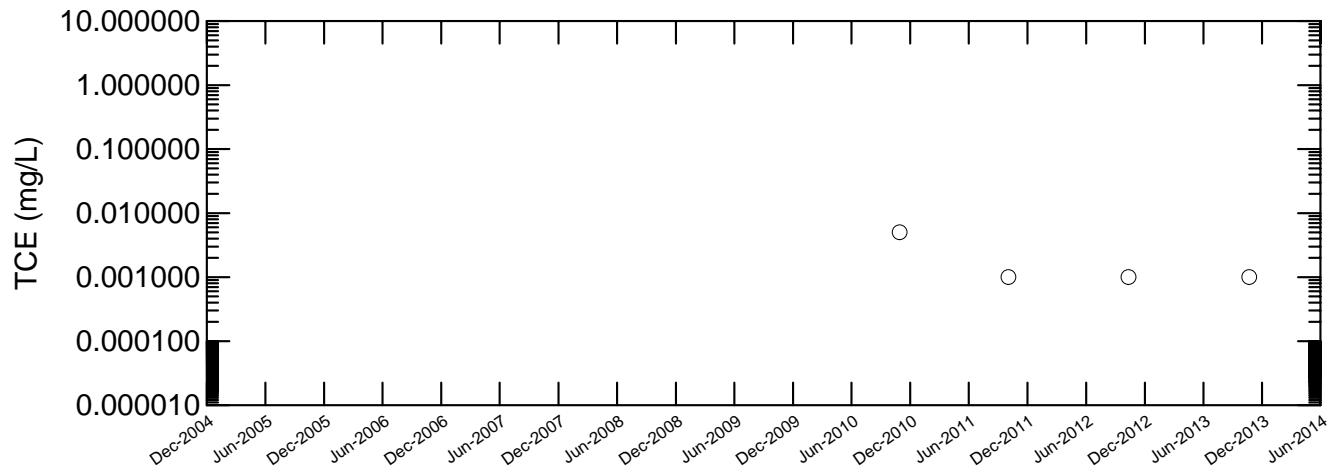
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.



MW 87  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana



**Legend:**

- Detected Result
- Non-Detect Result

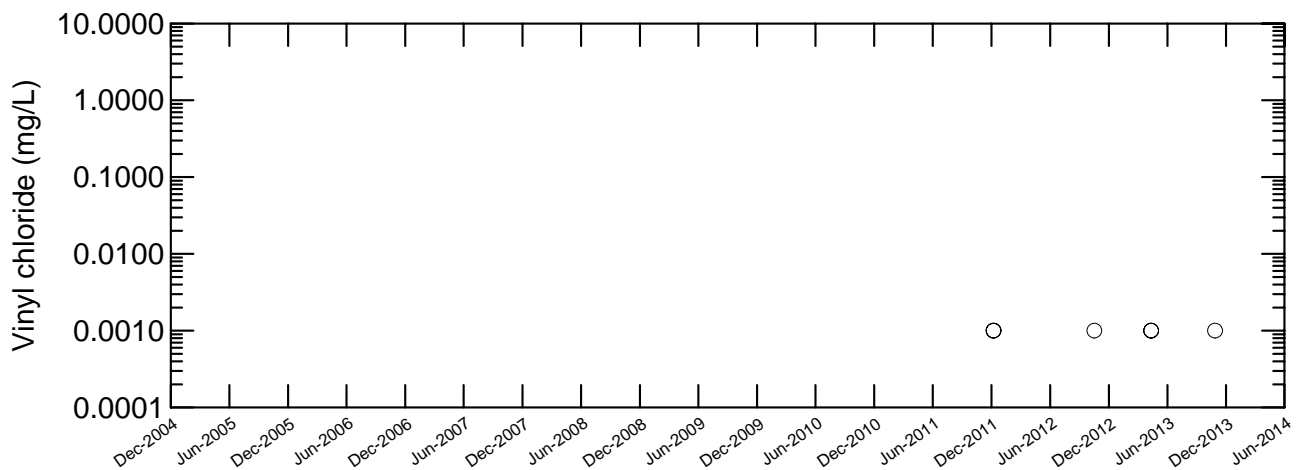
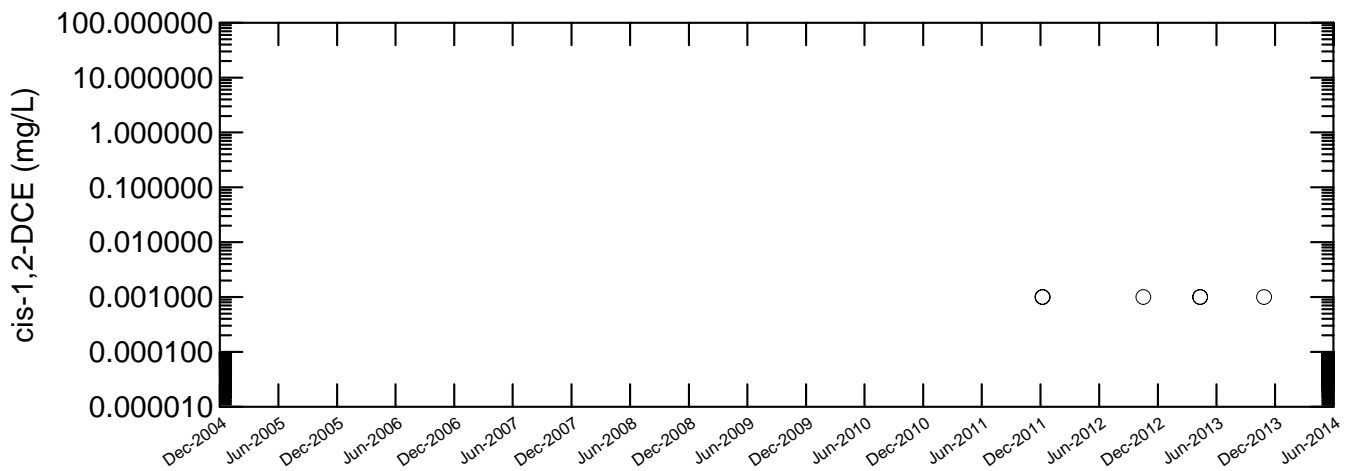
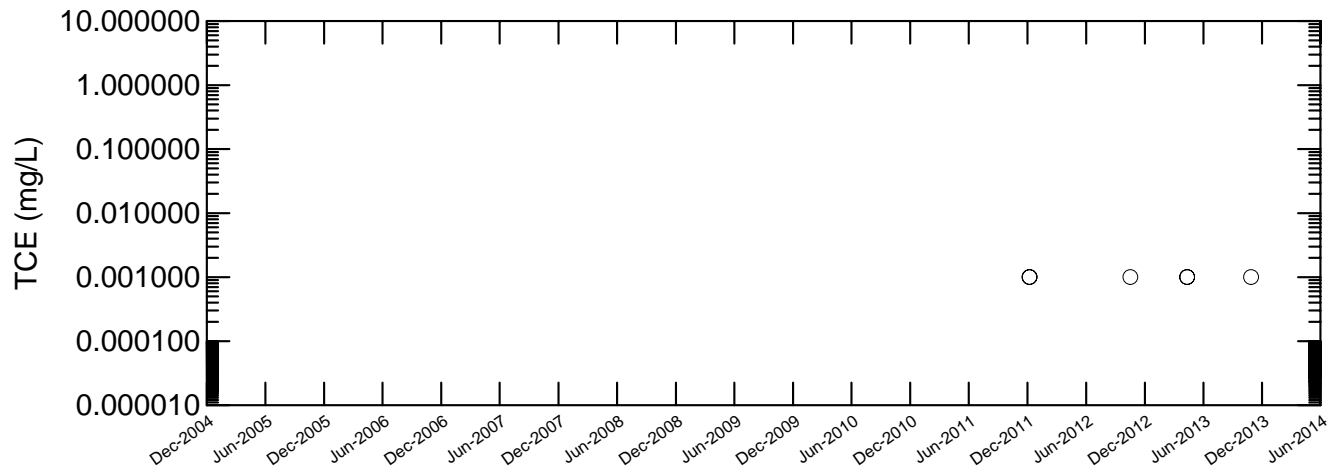
**Notes:**

Non-detects are shown as the laboratory detection limit.

MW 88  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana







Legend:

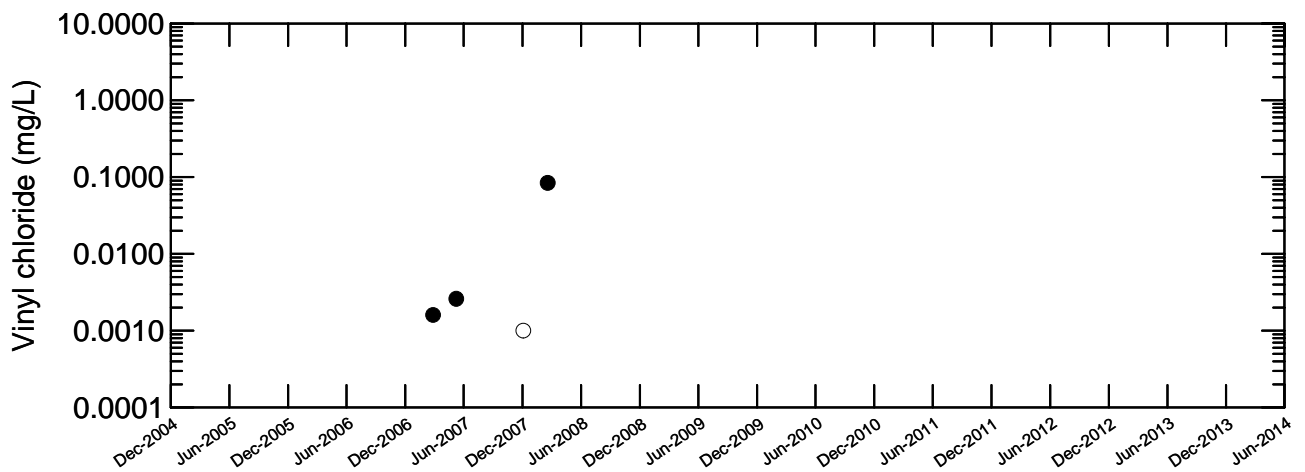
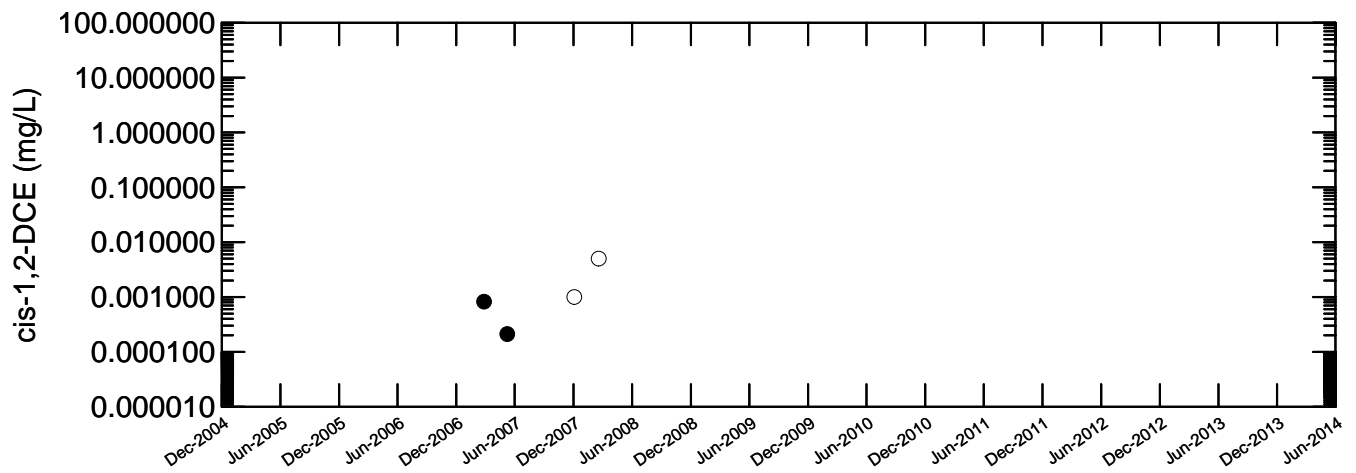
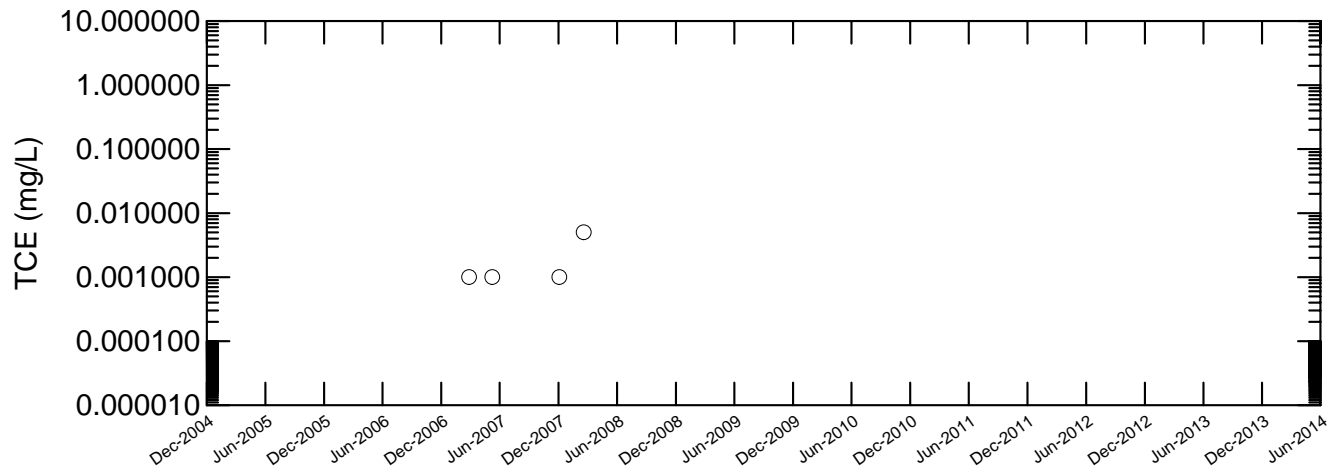
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

MW 89-11  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

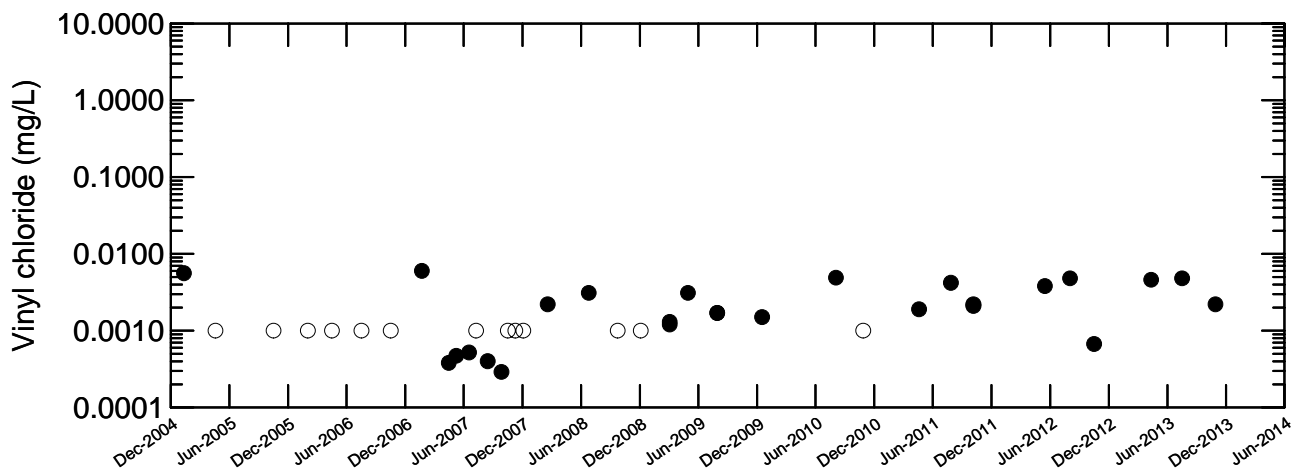
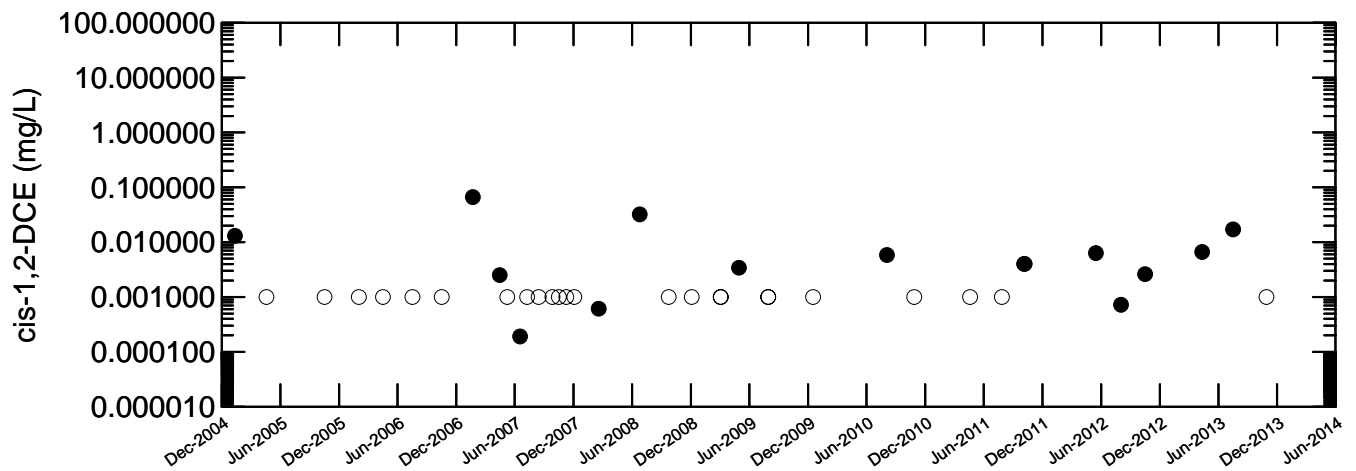
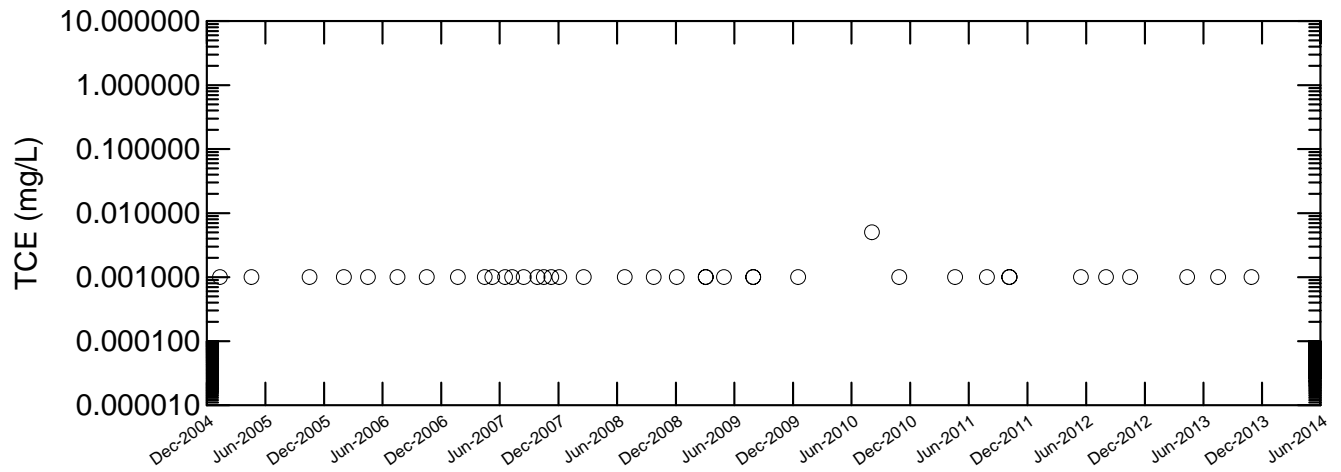
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

Pond Culvert  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

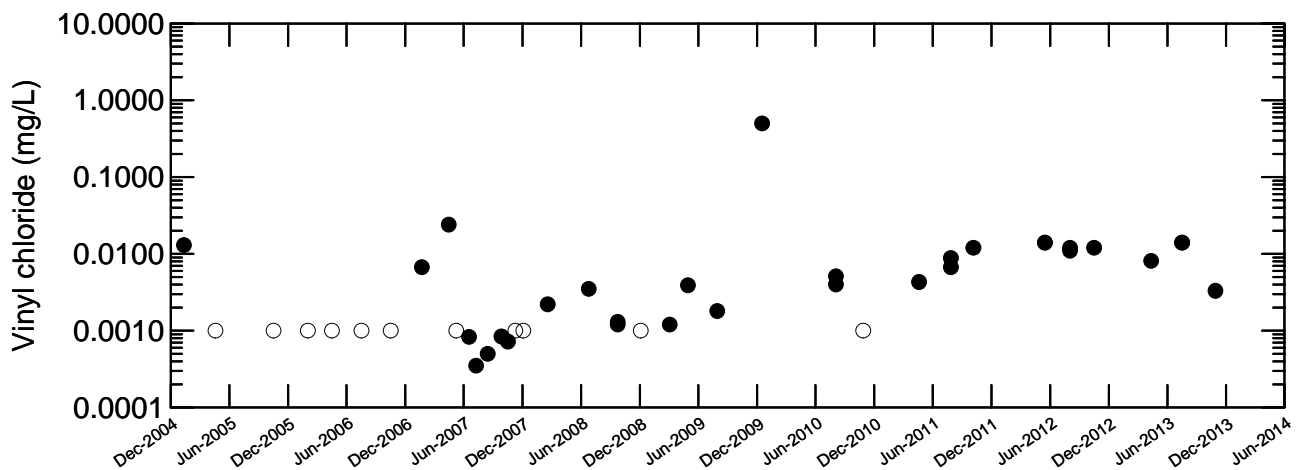
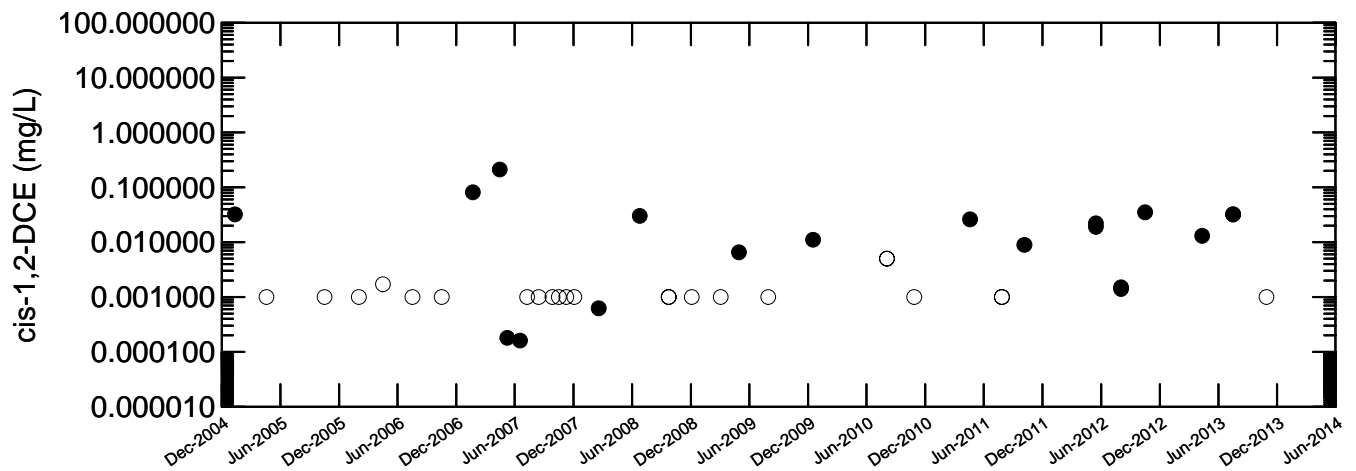
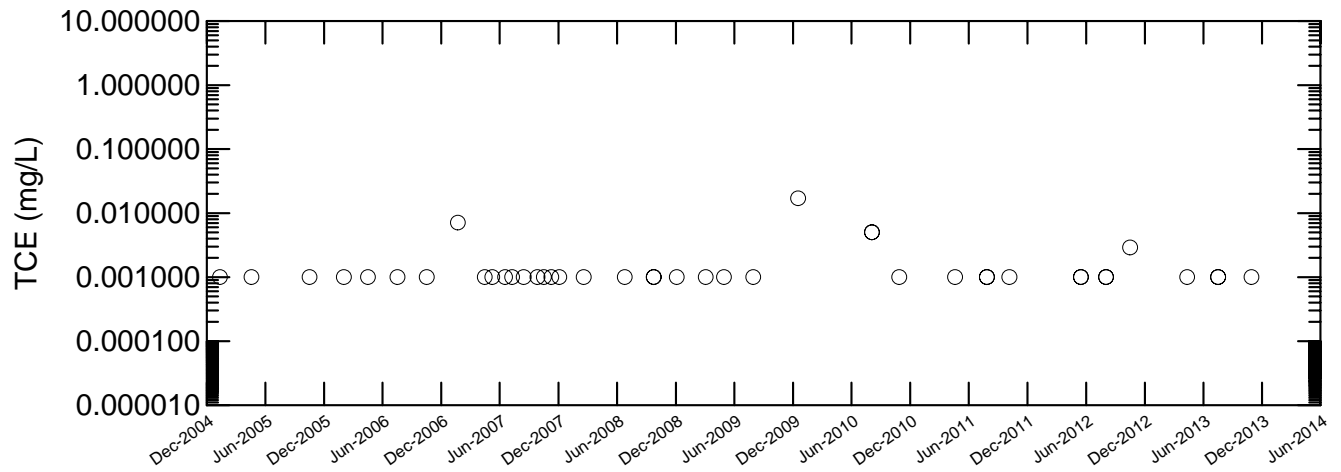
- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

Pond Intake  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana





Legend:

- Detected Result
- Non-Detect Result

Notes:

Non-detects are shown as the laboratory detection limit.

Pond North  
 Concentration vs. Time Graphs  
 2013 Annual Groundwater Monitoring Report  
 2915 Martin Luther King Jr. Boulevard  
 Anderson, Indiana



# Appendix C

## Laboratory Analytical Reports

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-23038-1

Client Project/Site: 17302-T07, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

4/24/2013 9:57:16 AM

Denise Heckler

Project Manager II

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)



### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	6
Sample Summary . . . . .	7
Detection Summary . . . . .	8
Client Sample Results . . . . .	12
Surrogate Summary . . . . .	40
QC Sample Results . . . . .	41
QC Association Summary . . . . .	53
Lab Chronicle . . . . .	55
Certification Summary . . . . .	60
Chain of Custody . . . . .	61

# Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits
F	MS or MSD exceeds the control limits

### Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

**Job ID: 240-23038-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302-T07, RACER Delphi Anderson**

**Report Number: 240-23038-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### RECEIPT

The samples were received on 04/11/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.0 C.

### VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-040913-SM-001 (240-23038-1), GW-040913-SM-002 (240-23038-2), GW-040913-SM-003 (240-23038-3), GW-040913-SM-004 (240-23038-4), GW-040913-SM-005 (240-23038-5), GW-040913-SM-006 (240-23038-6), GW-040913-SM-007 (240-23038-7), GW-040913-SM-008 (240-23038-8), GW-040913-SM-009 (240-23038-9), GW-040913-SM-010 (240-23038-10), GW-040913-SM-011 (240-23038-11), RB-040913-SM-001 (240-23038-12), TB-040913-SM-001 (240-23038-13), GW-041013-SM-012 (240-23038-14), GW-041013-SM-013 (240-23038-15), GW-041013-SM-014 (240-23038-16), GW-041013-SM-015 (240-23038-17), GW-041013-SM-016 (240-23038-18), GW-041013-SM-017 (240-23038-19), GW-041013-SM-018 (240-23038-20), GW-041013-SM-020 (240-23038-22) and RB-041013-SM-002 (240-23038-23) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/16/2013 and 04/17/2013.

Benzene and Methylene Chloride were detected in method blanks 240-82343/6 and 240-82116/6 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

The laboratory control sample (LCS) for batches 82343 and 82116 exceeded control limits for the following analyte: Trichlorofluoromethane. This compound has been identified as a poor performing when analyzed using this method; therefore,

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Job ID: 240-23038-1 (Continued)

### Laboratory: TestAmerica Canton (Continued)

re-extraction/re-analysis was not performed.

Trichlorofluoromethane failed the recovery criteria high for the MS/MSD of sample GW-040913-SM-011 (240-23038-11) in batch 240-82116.

Trichlorofluoromethane failed the recovery criteria high for the MS of sample GW-040913-SM-009 (240-23038-9) in batch 240-82343.

Samples GW-040913-SM-001 (240-23038-1)[200X], GW-040913-SM-002 (240-23038-2)[200X], GW-040913-SM-003 (240-23038-3)[250X], GW-040913-SM-004 (240-23038-4)[8X], GW-040913-SM-005 (240-23038-5)[83.33X], GW-040913-SM-006 (240-23038-6)[166.67X], GW-040913-SM-007 (240-23038-7)[166.67X], GW-040913-SM-008 (240-23038-8)[166.67X], GW-040913-SM-009 (240-23038-9)[500X], GW-040913-SM-010 (240-23038-10)[250X], GW-040913-SM-011 (240-23038-11)[10X], GW-041013-SM-012 (240-23038-14)[33.33X], GW-041013-SM-013 (240-23038-15)[16.67X], GW-041013-SM-014 (240-23038-16)[250X], GW-041013-SM-015 (240-23038-17)[250X] and GW-041013-SM-016 (240-23038-18)[6.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

### DISSOLVED METALS (ICP)

Samples GW-041013-SM-017 (240-23038-19), GW-041013-SM-018 (240-23038-20), GW-041013-SM-019 (240-23038-21) and GW-041013-SM-020 (240-23038-22) were analyzed for dissolved metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 04/12/2013 and analyzed on 04/15/2013.

Zinc was detected in method blank MB 240-81667/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

### DISSOLVED HEXAVALENT CHROMIUM

Samples GW-041013-SM-017 (240-23038-19), GW-041013-SM-018 (240-23038-20), GW-041013-SM-019 (240-23038-21) and GW-041013-SM-020 (240-23038-22) were analyzed for Dissolved hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were analyzed on 04/11/2013.

No difficulties were encountered during the hexavalent chromium analyses.

All quality control parameters were within the acceptance limits.

# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
7196A	Chromium, Hexavalent	SW846	TAL CAN

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-23038-1	GW-040913-SM-001	Water	04/09/13 08:45	04/11/13 08:00
240-23038-2	GW-040913-SM-002	Water	04/09/13 09:20	04/11/13 08:00
240-23038-3	GW-040913-SM-003	Water	04/09/13 10:00	04/11/13 08:00
240-23038-4	GW-040913-SM-004	Water	04/09/13 10:40	04/11/13 08:00
240-23038-5	GW-040913-SM-005	Water	04/09/13 11:20	04/11/13 08:00
240-23038-6	GW-040913-SM-006	Water	04/09/13 12:00	04/11/13 08:00
240-23038-7	GW-040913-SM-007	Water	04/09/13 12:45	04/11/13 08:00
240-23038-8	GW-040913-SM-008	Water	04/09/13 12:50	04/11/13 08:00
240-23038-9	GW-040913-SM-009	Water	04/09/13 13:25	04/11/13 08:00
240-23038-10	GW-040913-SM-010	Water	04/09/13 14:16	04/11/13 08:00
240-23038-11	GW-040913-SM-011	Water	04/09/13 15:15	04/11/13 08:00
240-23038-12	RB-040913-SM-001	Water	04/09/13 12:45	04/11/13 08:00
240-23038-13	TB-040913-SM-001	Water	04/09/13 15:20	04/11/13 08:00
240-23038-14	GW-041013-SM-012	Water	04/10/13 09:00	04/11/13 08:00
240-23038-15	GW-041013-SM-013	Water	04/10/13 10:00	04/11/13 08:00
240-23038-16	GW-041013-SM-014	Water	04/10/13 10:40	04/11/13 08:00
240-23038-17	GW-041013-SM-015	Water	04/10/13 10:45	04/11/13 08:00
240-23038-18	GW-041013-SM-016	Water	04/10/13 11:43	04/11/13 08:00
240-23038-19	GW-041013-SM-017	Water	04/10/13 12:25	04/11/13 08:00
240-23038-20	GW-041013-SM-018	Water	04/10/13 13:12	04/11/13 08:00
240-23038-21	GW-041013-SM-019	Water	04/10/13 13:20	04/11/13 08:00
240-23038-22	GW-041013-SM-020	Water	04/10/13 14:15	04/11/13 08:00
240-23038-23	RB-041013-SM-002	Water	04/10/13 10:50	04/11/13 08:00

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Client Sample ID: GW-040913-SM-001

Lab Sample ID: 240-23038-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	41	J	200	30	ug/L	200		8260B	Total/NA
Methylene Chloride	150	J B	200	66	ug/L	200		8260B	Total/NA
Vinyl chloride	140	J	200	44	ug/L	200		8260B	Total/NA
cis-1,2-Dichloroethene	5200		200	34	ug/L	200		8260B	Total/NA
trans-1,2-Dichloroethene	190	J	200	38	ug/L	200		8260B	Total/NA

## Client Sample ID: GW-040913-SM-002

Lab Sample ID: 240-23038-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	160	J B	200	66	ug/L	200		8260B	Total/NA
Vinyl chloride	610		200	44	ug/L	200		8260B	Total/NA
cis-1,2-Dichloroethene	6300		200	34	ug/L	200		8260B	Total/NA
trans-1,2-Dichloroethene	110	J	200	38	ug/L	200		8260B	Total/NA

## Client Sample ID: GW-040913-SM-003

Lab Sample ID: 240-23038-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	56	J B	250	33	ug/L	250		8260B	Total/NA
1,1-Dichloroethane	250		250	38	ug/L	250		8260B	Total/NA
Methylene Chloride	200	J B	250	83	ug/L	250		8260B	Total/NA
Trichloroethene	130	J	250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	990		250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	7900		250	43	ug/L	250		8260B	Total/NA
trans-1,2-Dichloroethene	130	J	250	48	ug/L	250		8260B	Total/NA

## Client Sample ID: GW-040913-SM-004

Lab Sample ID: 240-23038-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	2.2	J B	8.0	1.0	ug/L	8		8260B	Total/NA
Methylene Chloride	5.7	J B	8.0	2.6	ug/L	8		8260B	Total/NA
Trichloroethene	210		8.0	1.4	ug/L	8		8260B	Total/NA
Vinyl chloride	3.0	J	8.0	1.8	ug/L	8		8260B	Total/NA
cis-1,2-Dichloroethene	7.6	J	8.0	1.4	ug/L	8		8260B	Total/NA

## Client Sample ID: GW-040913-SM-005

Lab Sample ID: 240-23038-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	61	J B	83	27	ug/L	83.33		8260B	Total/NA
Vinyl chloride	150		83	18	ug/L	83.33		8260B	Total/NA
cis-1,2-Dichloroethene	1900		83	14	ug/L	83.33		8260B	Total/NA
trans-1,2-Dichloroethene	83		83	16	ug/L	83.33		8260B	Total/NA

## Client Sample ID: GW-040913-SM-006

Lab Sample ID: 240-23038-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	47	J B	170	22	ug/L	166.67		8260B	Total/NA
1,1-Dichloroethane	39	J	170	25	ug/L	166.67		8260B	Total/NA
Methylene Chloride	130	J B	170	55	ug/L	166.67		8260B	Total/NA
Trichloroethene	120	J	170	28	ug/L	166.67		8260B	Total/NA
Vinyl chloride	1500		170	37	ug/L	166.67		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Client Sample ID: GW-040913-SM-006 (Continued)

Lab Sample ID: 240-23038-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3500		170	28	ug/L	166.67		8260B	Total/NA

## Client Sample ID: GW-040913-SM-007

Lab Sample ID: 240-23038-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	25	J B	170	22	ug/L	166.67		8260B	Total/NA
Methylene Chloride	150	J B	170	55	ug/L	166.67		8260B	Total/NA
Vinyl chloride	180		170	37	ug/L	166.67		8260B	Total/NA
cis-1,2-Dichloroethene	3600		170	28	ug/L	166.67		8260B	Total/NA

## Client Sample ID: GW-040913-SM-008

Lab Sample ID: 240-23038-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	37	J B	170	22	ug/L	166.67		8260B	Total/NA
1,1-Dichloroethane	37	J	170	25	ug/L	166.67		8260B	Total/NA
Methylene Chloride	130	J B	170	55	ug/L	166.67		8260B	Total/NA
Vinyl chloride	190		170	37	ug/L	166.67		8260B	Total/NA
cis-1,2-Dichloroethene	3900		170	28	ug/L	166.67		8260B	Total/NA

## Client Sample ID: GW-040913-SM-009

Lab Sample ID: 240-23038-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	120	J B	500	65	ug/L	500		8260B	Total/NA
1,1-Dichloroethane	310	J	500	75	ug/L	500		8260B	Total/NA
1,1-Dichloroethene	180	J	500	95	ug/L	500		8260B	Total/NA
Methylene Chloride	370	J B	500	170	ug/L	500		8260B	Total/NA
Trichloroethene	13000		500	85	ug/L	500		8260B	Total/NA
1,1,1-Trichloroethane	590		500	110	ug/L	500		8260B	Total/NA
cis-1,2-Dichloroethene	6200		500	85	ug/L	500		8260B	Total/NA

## Client Sample ID: GW-040913-SM-010

Lab Sample ID: 240-23038-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	33	J B	250	33	ug/L	250		8260B	Total/NA
1,1-Dichloroethane	260		250	38	ug/L	250		8260B	Total/NA
Ethylbenzene	760		250	43	ug/L	250		8260B	Total/NA
Methylene Chloride	190	J B	250	83	ug/L	250		8260B	Total/NA
Toluene	2100		250	33	ug/L	250		8260B	Total/NA
Trichloroethene	57	J	250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	1300		250	55	ug/L	250		8260B	Total/NA
Xylenes, Total	1200		500	70	ug/L	250		8260B	Total/NA
1,1,1-Trichloroethane	70	J	250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	8300		250	43	ug/L	250		8260B	Total/NA

## Client Sample ID: GW-040913-SM-011

Lab Sample ID: 240-23038-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	7.0	J B	10	3.3	ug/L	10		8260B	Total/NA
Trichloroethene	5.9	J	10	1.7	ug/L	10		8260B	Total/NA
cis-1,2-Dichloroethene	210		10	1.7	ug/L	10		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Client Sample ID: GW-040913-SM-011 (Continued)

Lab Sample ID: 240-23038-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	2.5	J	10	1.9	ug/L	10		8260B	Total/NA

## Client Sample ID: RB-040913-SM-001

Lab Sample ID: 240-23038-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.15	J B	1.0	0.13	ug/L	1		8260B	Total/NA
Dichlorobromomethane	1.3		1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	5.8		1.0	0.16	ug/L	1		8260B	Total/NA

## Client Sample ID: TB-040913-SM-001

Lab Sample ID: 240-23038-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J	10	1.1	ug/L	1		8260B	Total/NA
Methylene Chloride	0.48	J B	1.0	0.33	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-041013-SM-012

Lab Sample ID: 240-23038-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	6.9	J B	33	4.3	ug/L	33.33		8260B	Total/NA
Methylene Chloride	24	J B	33	11	ug/L	33.33		8260B	Total/NA
Vinyl chloride	27	J	33	7.3	ug/L	33.33		8260B	Total/NA
cis-1,2-Dichloroethene	740		33	5.7	ug/L	33.33		8260B	Total/NA
trans-1,2-Dichloroethene	16	J	33	6.3	ug/L	33.33		8260B	Total/NA

## Client Sample ID: GW-041013-SM-013

Lab Sample ID: 240-23038-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	23		17	2.5	ug/L	16.67		8260B	Total/NA
Methylene Chloride	12	J B	17	5.5	ug/L	16.67		8260B	Total/NA
Vinyl chloride	300		17	3.7	ug/L	16.67		8260B	Total/NA
cis-1,2-Dichloroethene	360		17	2.8	ug/L	16.67		8260B	Total/NA
trans-1,2-Dichloroethene	36		17	3.2	ug/L	16.67		8260B	Total/NA

## Client Sample ID: GW-041013-SM-014

Lab Sample ID: 240-23038-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	72	J B	250	33	ug/L	250		8260B	Total/NA
1,1-Dichloroethane	160	J	250	38	ug/L	250		8260B	Total/NA
Methylene Chloride	190	J B	250	83	ug/L	250		8260B	Total/NA
Trichloroethene	2100		250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	210	J	250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	6400		250	43	ug/L	250		8260B	Total/NA
trans-1,2-Dichloroethene	140	J	250	48	ug/L	250		8260B	Total/NA

## Client Sample ID: GW-041013-SM-015

Lab Sample ID: 240-23038-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	39	J B	250	33	ug/L	250		8260B	Total/NA
1,1-Dichloroethane	150	J	250	38	ug/L	250		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Client Sample ID: GW-041013-SM-015 (Continued)

Lab Sample ID: 240-23038-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	180	J B	250	83	ug/L	250		8260B	Total/NA
Trichloroethene	1900		250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	190	J	250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	6100		250	43	ug/L	250		8260B	Total/NA
trans-1,2-Dichloroethene	130	J	250	48	ug/L	250		8260B	Total/NA

## Client Sample ID: GW-041013-SM-016

Lab Sample ID: 240-23038-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.0	J	67	7.3	ug/L	6.67		8260B	Total/NA
Benzene	0.94	J B	6.7	0.87	ug/L	6.67		8260B	Total/NA
Methylene Chloride	4.8	J B	6.7	2.2	ug/L	6.67		8260B	Total/NA
Vinyl chloride	170		6.7	1.5	ug/L	6.67		8260B	Total/NA
cis-1,2-Dichloroethene	130		6.7	1.1	ug/L	6.67		8260B	Total/NA

## Client Sample ID: GW-041013-SM-017

Lab Sample ID: 240-23038-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	8.3	J B	50	5.0	ug/L	1		6010B	Dissolved

## Client Sample ID: GW-041013-SM-018

Lab Sample ID: 240-23038-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.26	J B	1.0	0.13	ug/L	1		8260B	Total/NA
Zinc	14	J B	50	5.0	ug/L	1		6010B	Dissolved

## Client Sample ID: GW-041013-SM-019

Lab Sample ID: 240-23038-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	22	J B	50	5.0	ug/L	1		6010B	Dissolved

## Client Sample ID: GW-041013-SM-020

Lab Sample ID: 240-23038-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J	10	1.1	ug/L	1		8260B	Total/NA
Zinc	7.7	J B	50	5.0	ug/L	1		6010B	Dissolved

## Client Sample ID: RB-041013-SM-002

Lab Sample ID: 240-23038-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.3	J	10	1.1	ug/L	1		8260B	Total/NA
Benzene	0.15	J B	1.0	0.13	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-040913-SM-001**

**Date Collected: 04/09/13 08:45**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-1**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2000	U	2000	220	ug/L			04/16/13 17:47	200
Benzene	200	U	200	26	ug/L			04/16/13 17:47	200
Dichlorobromomethane	200	U	200	30	ug/L			04/16/13 17:47	200
Bromoform	200	U	200	130	ug/L			04/16/13 17:47	200
Bromomethane	200	U	200	82	ug/L			04/16/13 17:47	200
2-Butanone (MEK)	2000	U	2000	110	ug/L			04/16/13 17:47	200
Carbon disulfide	200	U	200	26	ug/L			04/16/13 17:47	200
Carbon tetrachloride	200	U	200	26	ug/L			04/16/13 17:47	200
Chlorobenzene	200	U	200	30	ug/L			04/16/13 17:47	200
Chloroethane	200	U	200	58	ug/L			04/16/13 17:47	200
Chloroform	200	U	200	32	ug/L			04/16/13 17:47	200
Chloromethane	200	U	200	60	ug/L			04/16/13 17:47	200
<b>1,1-Dichloroethane</b>	<b>41</b>	<b>J</b>	200	30	ug/L			04/16/13 17:47	200
1,2-Dichloroethane	200	U	200	44	ug/L			04/16/13 17:47	200
1,1-Dichloroethene	200	U	200	38	ug/L			04/16/13 17:47	200
1,2-Dichloropropane	200	U	200	36	ug/L			04/16/13 17:47	200
cis-1,3-Dichloropropene	200	U	200	28	ug/L			04/16/13 17:47	200
trans-1,3-Dichloropropene	200	U	200	38	ug/L			04/16/13 17:47	200
Ethylbenzene	200	U	200	34	ug/L			04/16/13 17:47	200
2-Hexanone	2000	U	2000	82	ug/L			04/16/13 17:47	200
<b>Methylene Chloride</b>	<b>150</b>	<b>J B</b>	200	66	ug/L			04/16/13 17:47	200
4-Methyl-2-pentanone (MIBK)	2000	U	2000	64	ug/L			04/16/13 17:47	200
Styrene	200	U	200	22	ug/L			04/16/13 17:47	200
1,1,2,2-Tetrachloroethane	200	U	200	36	ug/L			04/16/13 17:47	200
Tetrachloroethene	200	U	200	58	ug/L			04/16/13 17:47	200
Toluene	200	U	200	26	ug/L			04/16/13 17:47	200
Trichloroethene	200	U	200	34	ug/L			04/16/13 17:47	200
<b>Vinyl chloride</b>	<b>140</b>	<b>J</b>	200	44	ug/L			04/16/13 17:47	200
Xylenes, Total	400	U	400	56	ug/L			04/16/13 17:47	200
1,1,1-Trichloroethane	200	U	200	44	ug/L			04/16/13 17:47	200
1,1,2-Trichloroethane	200	U	200	54	ug/L			04/16/13 17:47	200
Cyclohexane	200	U	200	24	ug/L			04/16/13 17:47	200
1,2-Dibromo-3-Chloropropane	400	U	400	130	ug/L			04/16/13 17:47	200
Ethylene Dibromide	200	U	200	48	ug/L			04/16/13 17:47	200
Dichlorodifluoromethane	200	U	200	62	ug/L			04/16/13 17:47	200
<b>cis-1,2-Dichloroethene</b>	<b>5200</b>		200	34	ug/L			04/16/13 17:47	200
<b>trans-1,2-Dichloroethene</b>	<b>190</b>	<b>J</b>	200	38	ug/L			04/16/13 17:47	200
Isopropylbenzene	200	U	200	26	ug/L			04/16/13 17:47	200
Methyl acetate	2000	U	2000	76	ug/L			04/16/13 17:47	200
Methyl tert-butyl ether	200	U	200	34	ug/L			04/16/13 17:47	200
1,1,2-Trichloro-1,2,2-trifluoroethane	200	U	200	56	ug/L			04/16/13 17:47	200
1,2,4-Trichlorobenzene	200	U	200	30	ug/L			04/16/13 17:47	200
1,2-Dichlorobenzene	200	U	200	26	ug/L			04/16/13 17:47	200
1,3-Dichlorobenzene	200	U	200	28	ug/L			04/16/13 17:47	200
1,4-Dichlorobenzene	200	U	200	26	ug/L			04/16/13 17:47	200
Trichlorofluoromethane	200	U *	200	42	ug/L			04/16/13 17:47	200
Chlorodibromomethane	200	U	200	36	ug/L			04/16/13 17:47	200
Methylcyclohexane	200	U	200	26	ug/L			04/16/13 17:47	200

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		04/16/13 17:47	200
4-Bromofluorobenzene (Surr)	74		66 - 117		04/16/13 17:47	200
Toluene-d8 (Surr)	81		74 - 115		04/16/13 17:47	200
Dibromofluoromethane (Surr)	86		75 - 121		04/16/13 17:47	200

**Client Sample ID: GW-040913-SM-002**

**Lab Sample ID: 240-23038-2**

**Date Collected: 04/09/13 09:20**

**Matrix: Water**

**Date Received: 04/11/13 08:00**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2000	U	2000	220	ug/L			04/16/13 18:09	200
Benzene	200	U	200	26	ug/L			04/16/13 18:09	200
Dichlorobromomethane	200	U	200	30	ug/L			04/16/13 18:09	200
Bromoform	200	U	200	130	ug/L			04/16/13 18:09	200
Bromomethane	200	U	200	82	ug/L			04/16/13 18:09	200
2-Butanone (MEK)	2000	U	2000	110	ug/L			04/16/13 18:09	200
Carbon disulfide	200	U	200	26	ug/L			04/16/13 18:09	200
Carbon tetrachloride	200	U	200	26	ug/L			04/16/13 18:09	200
Chlorobenzene	200	U	200	30	ug/L			04/16/13 18:09	200
Chloroethane	200	U	200	58	ug/L			04/16/13 18:09	200
Chloroform	200	U	200	32	ug/L			04/16/13 18:09	200
Chloromethane	200	U	200	60	ug/L			04/16/13 18:09	200
1,1-Dichloroethane	200	U	200	30	ug/L			04/16/13 18:09	200
1,2-Dichloroethane	200	U	200	44	ug/L			04/16/13 18:09	200
1,1-Dichloroethene	200	U	200	38	ug/L			04/16/13 18:09	200
1,2-Dichloropropane	200	U	200	36	ug/L			04/16/13 18:09	200
cis-1,3-Dichloropropene	200	U	200	28	ug/L			04/16/13 18:09	200
trans-1,3-Dichloropropene	200	U	200	38	ug/L			04/16/13 18:09	200
Ethylbenzene	200	U	200	34	ug/L			04/16/13 18:09	200
2-Hexanone	2000	U	2000	82	ug/L			04/16/13 18:09	200
<b>Methylene Chloride</b>	<b>160</b>	<b>J B</b>	200	66	ug/L			04/16/13 18:09	200
4-Methyl-2-pentanone (MIBK)	2000	U	2000	64	ug/L			04/16/13 18:09	200
Styrene	200	U	200	22	ug/L			04/16/13 18:09	200
1,1,2,2-Tetrachloroethane	200	U	200	36	ug/L			04/16/13 18:09	200
Tetrachloroethene	200	U	200	58	ug/L			04/16/13 18:09	200
Toluene	200	U	200	26	ug/L			04/16/13 18:09	200
Trichloroethene	200	U	200	34	ug/L			04/16/13 18:09	200
<b>Vinyl chloride</b>	<b>610</b>		200	44	ug/L			04/16/13 18:09	200
Xylenes, Total	400	U	400	56	ug/L			04/16/13 18:09	200
1,1,1-Trichloroethane	200	U	200	44	ug/L			04/16/13 18:09	200
1,1,2-Trichloroethane	200	U	200	54	ug/L			04/16/13 18:09	200
Cyclohexane	200	U	200	24	ug/L			04/16/13 18:09	200
1,2-Dibromo-3-Chloropropane	400	U	400	130	ug/L			04/16/13 18:09	200
Ethylene Dibromide	200	U	200	48	ug/L			04/16/13 18:09	200
Dichlorodifluoromethane	200	U	200	62	ug/L			04/16/13 18:09	200
<b>cis-1,2-Dichloroethene</b>	<b>6300</b>		200	34	ug/L			04/16/13 18:09	200
<b>trans-1,2-Dichloroethene</b>	<b>110</b>	<b>J</b>	200	38	ug/L			04/16/13 18:09	200
Isopropylbenzene	200	U	200	26	ug/L			04/16/13 18:09	200
Methyl acetate	2000	U	2000	76	ug/L			04/16/13 18:09	200
Methyl tert-butyl ether	200	U	200	34	ug/L			04/16/13 18:09	200
1,1,2-Trichloro-1,2,2-trifluoroethane	200	U	200	56	ug/L			04/16/13 18:09	200
1,2,4-Trichlorobenzene	200	U	200	30	ug/L			04/16/13 18:09	200
1,2-Dichlorobenzene	200	U	200	26	ug/L			04/16/13 18:09	200

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-002**

**Date Collected: 04/09/13 09:20**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	200	U	200	28	ug/L			04/16/13 18:09	200
1,4-Dichlorobenzene	200	U	200	26	ug/L			04/16/13 18:09	200
Trichlorofluoromethane	200	U *	200	42	ug/L			04/16/13 18:09	200
Chlorodibromomethane	200	U	200	36	ug/L			04/16/13 18:09	200
Methylcyclohexane	200	U	200	26	ug/L			04/16/13 18:09	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		63 - 129		04/16/13 18:09	200
4-Bromofluorobenzene (Surr)	76		66 - 117		04/16/13 18:09	200
Toluene-d8 (Surr)	85		74 - 115		04/16/13 18:09	200
Dibromofluoromethane (Surr)	90		75 - 121		04/16/13 18:09	200

**Client Sample ID: GW-040913-SM-003**

**Date Collected: 04/09/13 10:00**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			04/16/13 18:32	250
<b>Benzene</b>	<b>56</b>	<b>J B</b>	250	33	ug/L			04/16/13 18:32	250
Dichlorobromomethane	250	U	250	38	ug/L			04/16/13 18:32	250
Bromoform	250	U	250	160	ug/L			04/16/13 18:32	250
Bromomethane	250	U	250	100	ug/L			04/16/13 18:32	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			04/16/13 18:32	250
Carbon disulfide	250	U	250	33	ug/L			04/16/13 18:32	250
Carbon tetrachloride	250	U	250	33	ug/L			04/16/13 18:32	250
Chlorobenzene	250	U	250	38	ug/L			04/16/13 18:32	250
Chloroethane	250	U	250	73	ug/L			04/16/13 18:32	250
Chloroform	250	U	250	40	ug/L			04/16/13 18:32	250
Chloromethane	250	U	250	75	ug/L			04/16/13 18:32	250
<b>1,1-Dichloroethane</b>	<b>250</b>		250	38	ug/L			04/16/13 18:32	250
1,2-Dichloroethane	250	U	250	55	ug/L			04/16/13 18:32	250
1,1-Dichloroethene	250	U	250	48	ug/L			04/16/13 18:32	250
1,2-Dichloropropane	250	U	250	45	ug/L			04/16/13 18:32	250
cis-1,3-Dichloropropene	250	U	250	35	ug/L			04/16/13 18:32	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			04/16/13 18:32	250
Ethylbenzene	250	U	250	43	ug/L			04/16/13 18:32	250
2-Hexanone	2500	U	2500	100	ug/L			04/16/13 18:32	250
<b>Methylene Chloride</b>	<b>200</b>	<b>J B</b>	250	83	ug/L			04/16/13 18:32	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			04/16/13 18:32	250
Styrene	250	U	250	28	ug/L			04/16/13 18:32	250
1,1,1,2-Tetrachloroethane	250	U	250	45	ug/L			04/16/13 18:32	250
Tetrachloroethene	250	U	250	73	ug/L			04/16/13 18:32	250
Toluene	250	U	250	33	ug/L			04/16/13 18:32	250
<b>Trichloroethene</b>	<b>130</b>	<b>J</b>	250	43	ug/L			04/16/13 18:32	250
<b>Vinyl chloride</b>	<b>990</b>		250	55	ug/L			04/16/13 18:32	250
Xylenes, Total	500	U	500	70	ug/L			04/16/13 18:32	250
1,1,1-Trichloroethane	250	U	250	55	ug/L			04/16/13 18:32	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			04/16/13 18:32	250
Cyclohexane	250	U	250	30	ug/L			04/16/13 18:32	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			04/16/13 18:32	250
Ethylene Dibromide	250	U	250	60	ug/L			04/16/13 18:32	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-003**

**Date Collected: 04/09/13 10:00**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	250	U	250	78	ug/L			04/16/13 18:32	250
<b>cis-1,2-Dichloroethene</b>	<b>7900</b>		250	43	ug/L			04/16/13 18:32	250
<b>trans-1,2-Dichloroethene</b>	<b>130</b>	<b>J</b>	250	48	ug/L			04/16/13 18:32	250
Isopropylbenzene	250	U	250	33	ug/L			04/16/13 18:32	250
Methyl acetate	2500	U	2500	95	ug/L			04/16/13 18:32	250
Methyl tert-butyl ether	250	U	250	43	ug/L			04/16/13 18:32	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			04/16/13 18:32	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			04/16/13 18:32	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			04/16/13 18:32	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			04/16/13 18:32	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			04/16/13 18:32	250
Trichlorofluoromethane	250	U *	250	53	ug/L			04/16/13 18:32	250
Chlorodibromomethane	250	U	250	45	ug/L			04/16/13 18:32	250
Methylcyclohexane	250	U	250	33	ug/L			04/16/13 18:32	250
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		63 - 129					04/16/13 18:32	250
<i>4-Bromofluorobenzene (Surr)</i>	75		66 - 117					04/16/13 18:32	250
<i>Toluene-d8 (Surr)</i>	84		74 - 115					04/16/13 18:32	250
<i>Dibromofluoromethane (Surr)</i>	91		75 - 121					04/16/13 18:32	250

**Client Sample ID: GW-040913-SM-004**

**Date Collected: 04/09/13 10:40**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	80	U	80	8.8	ug/L			04/16/13 18:54	8
<b>Benzene</b>	<b>2.2</b>	<b>J B</b>	8.0	1.0	ug/L			04/16/13 18:54	8
Dichlorobromomethane	8.0	U	8.0	1.2	ug/L			04/16/13 18:54	8
Bromoform	8.0	U	8.0	5.1	ug/L			04/16/13 18:54	8
Bromomethane	8.0	U	8.0	3.3	ug/L			04/16/13 18:54	8
2-Butanone (MEK)	80	U	80	4.6	ug/L			04/16/13 18:54	8
Carbon disulfide	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8
Carbon tetrachloride	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8
Chlorobenzene	8.0	U	8.0	1.2	ug/L			04/16/13 18:54	8
Chloroethane	8.0	U	8.0	2.3	ug/L			04/16/13 18:54	8
Chloroform	8.0	U	8.0	1.3	ug/L			04/16/13 18:54	8
Chloromethane	8.0	U	8.0	2.4	ug/L			04/16/13 18:54	8
1,1-Dichloroethane	8.0	U	8.0	1.2	ug/L			04/16/13 18:54	8
1,2-Dichloroethane	8.0	U	8.0	1.8	ug/L			04/16/13 18:54	8
1,1-Dichloroethene	8.0	U	8.0	1.5	ug/L			04/16/13 18:54	8
1,2-Dichloropropane	8.0	U	8.0	1.4	ug/L			04/16/13 18:54	8
cis-1,3-Dichloropropene	8.0	U	8.0	1.1	ug/L			04/16/13 18:54	8
trans-1,3-Dichloropropene	8.0	U	8.0	1.5	ug/L			04/16/13 18:54	8
Ethylbenzene	8.0	U	8.0	1.4	ug/L			04/16/13 18:54	8
2-Hexanone	80	U	80	3.3	ug/L			04/16/13 18:54	8
<b>Methylene Chloride</b>	<b>5.7</b>	<b>J B</b>	8.0	2.6	ug/L			04/16/13 18:54	8
4-Methyl-2-pentanone (MIBK)	80	U	80	2.6	ug/L			04/16/13 18:54	8
Styrene	8.0	U	8.0	0.88	ug/L			04/16/13 18:54	8
1,1,2,2-Tetrachloroethane	8.0	U	8.0	1.4	ug/L			04/16/13 18:54	8
Tetrachloroethene	8.0	U	8.0	2.3	ug/L			04/16/13 18:54	8

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-004**

**Date Collected: 04/09/13 10:40**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8
<b>Trichloroethene</b>	<b>210</b>		8.0	1.4	ug/L			04/16/13 18:54	8
<b>Vinyl chloride</b>	<b>3.0</b>	<b>J</b>	8.0	1.8	ug/L			04/16/13 18:54	8
Xylenes, Total	16	U	16	2.2	ug/L			04/16/13 18:54	8
1,1,1-Trichloroethane	8.0	U	8.0	1.8	ug/L			04/16/13 18:54	8
1,1,2-Trichloroethane	8.0	U	8.0	2.2	ug/L			04/16/13 18:54	8
Cyclohexane	8.0	U	8.0	0.96	ug/L			04/16/13 18:54	8
1,2-Dibromo-3-Chloropropane	16	U	16	5.4	ug/L			04/16/13 18:54	8
Ethylene Dibromide	8.0	U	8.0	1.9	ug/L			04/16/13 18:54	8
Dichlorodifluoromethane	8.0	U	8.0	2.5	ug/L			04/16/13 18:54	8
<b>cis-1,2-Dichloroethene</b>	<b>7.6</b>	<b>J</b>	8.0	1.4	ug/L			04/16/13 18:54	8
trans-1,2-Dichloroethene	8.0	U	8.0	1.5	ug/L			04/16/13 18:54	8
Isopropylbenzene	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8
Methyl acetate	80	U	80	3.0	ug/L			04/16/13 18:54	8
Methyl tert-butyl ether	8.0	U	8.0	1.4	ug/L			04/16/13 18:54	8
1,1,2-Trichloro-1,2,2-trifluoroethane	8.0	U	8.0	2.2	ug/L			04/16/13 18:54	8
1,2,4-Trichlorobenzene	8.0	U	8.0	1.2	ug/L			04/16/13 18:54	8
1,2-Dichlorobenzene	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8
1,3-Dichlorobenzene	8.0	U	8.0	1.1	ug/L			04/16/13 18:54	8
1,4-Dichlorobenzene	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8
Trichlorofluoromethane	8.0	U *	8.0	1.7	ug/L			04/16/13 18:54	8
Chlorodibromomethane	8.0	U	8.0	1.4	ug/L			04/16/13 18:54	8
Methylcyclohexane	8.0	U	8.0	1.0	ug/L			04/16/13 18:54	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		63 - 129		04/16/13 18:54	8
4-Bromofluorobenzene (Surr)	78		66 - 117		04/16/13 18:54	8
Toluene-d8 (Surr)	86		74 - 115		04/16/13 18:54	8
Dibromofluoromethane (Surr)	91		75 - 121		04/16/13 18:54	8

**Client Sample ID: GW-040913-SM-005**

**Date Collected: 04/09/13 11:20**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	830	U	830	92	ug/L			04/16/13 19:16	83.33
Benzene	83	U	83	11	ug/L			04/16/13 19:16	83.33
Dichlorobromomethane	83	U	83	12	ug/L			04/16/13 19:16	83.33
Bromoform	83	U	83	53	ug/L			04/16/13 19:16	83.33
Bromomethane	83	U	83	34	ug/L			04/16/13 19:16	83.33
2-Butanone (MEK)	830	U	830	47	ug/L			04/16/13 19:16	83.33
Carbon disulfide	83	U	83	11	ug/L			04/16/13 19:16	83.33
Carbon tetrachloride	83	U	83	11	ug/L			04/16/13 19:16	83.33
Chlorobenzene	83	U	83	12	ug/L			04/16/13 19:16	83.33
Chloroethane	83	U	83	24	ug/L			04/16/13 19:16	83.33
Chloroform	83	U	83	13	ug/L			04/16/13 19:16	83.33
Chloromethane	83	U	83	25	ug/L			04/16/13 19:16	83.33
1,1-Dichloroethane	83	U	83	12	ug/L			04/16/13 19:16	83.33
1,2-Dichloroethane	83	U	83	18	ug/L			04/16/13 19:16	83.33
1,1-Dichloroethene	83	U	83	16	ug/L			04/16/13 19:16	83.33
1,2-Dichloropropane	83	U	83	15	ug/L			04/16/13 19:16	83.33

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-005**

**Date Collected: 04/09/13 11:20**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	83	U	83	12	ug/L			04/16/13 19:16	83.33
trans-1,3-Dichloropropene	83	U	83	16	ug/L			04/16/13 19:16	83.33
Ethylbenzene	83	U	83	14	ug/L			04/16/13 19:16	83.33
2-Hexanone	830	U	830	34	ug/L			04/16/13 19:16	83.33
<b>Methylene Chloride</b>	<b>61</b>	<b>J B</b>	83	27	ug/L			04/16/13 19:16	83.33
4-Methyl-2-pentanone (MIBK)	830	U	830	27	ug/L			04/16/13 19:16	83.33
Styrene	83	U	83	9.2	ug/L			04/16/13 19:16	83.33
1,1,2,2-Tetrachloroethane	83	U	83	15	ug/L			04/16/13 19:16	83.33
Tetrachloroethene	83	U	83	24	ug/L			04/16/13 19:16	83.33
Toluene	83	U	83	11	ug/L			04/16/13 19:16	83.33
Trichloroethene	83	U	83	14	ug/L			04/16/13 19:16	83.33
<b>Vinyl chloride</b>	<b>150</b>		83	18	ug/L			04/16/13 19:16	83.33
Xylenes, Total	170	U	170	23	ug/L			04/16/13 19:16	83.33
1,1,1-Trichloroethane	83	U	83	18	ug/L			04/16/13 19:16	83.33
1,1,2-Trichloroethane	83	U	83	22	ug/L			04/16/13 19:16	83.33
Cyclohexane	83	U	83	10	ug/L			04/16/13 19:16	83.33
1,2-Dibromo-3-Chloropropane	170	U	170	56	ug/L			04/16/13 19:16	83.33
Ethylene Dibromide	83	U	83	20	ug/L			04/16/13 19:16	83.33
Dichlorodifluoromethane	83	U	83	26	ug/L			04/16/13 19:16	83.33
<b>cis-1,2-Dichloroethene</b>	<b>1900</b>		83	14	ug/L			04/16/13 19:16	83.33
<b>trans-1,2-Dichloroethene</b>	<b>83</b>		83	16	ug/L			04/16/13 19:16	83.33
Isopropylbenzene	83	U	83	11	ug/L			04/16/13 19:16	83.33
Methyl acetate	830	U	830	32	ug/L			04/16/13 19:16	83.33
Methyl tert-butyl ether	83	U	83	14	ug/L			04/16/13 19:16	83.33
1,1,2-Trichloro-1,2,2-trifluoroethane	83	U	83	23	ug/L			04/16/13 19:16	83.33
1,2,4-Trichlorobenzene	83	U	83	12	ug/L			04/16/13 19:16	83.33
1,2-Dichlorobenzene	83	U	83	11	ug/L			04/16/13 19:16	83.33
1,3-Dichlorobenzene	83	U	83	12	ug/L			04/16/13 19:16	83.33
1,4-Dichlorobenzene	83	U	83	11	ug/L			04/16/13 19:16	83.33
Trichlorofluoromethane	83	U *	83	17	ug/L			04/16/13 19:16	83.33
Chlorodibromomethane	83	U	83	15	ug/L			04/16/13 19:16	83.33
Methylcyclohexane	83	U	83	11	ug/L			04/16/13 19:16	83.33

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		04/16/13 19:16	83.33
4-Bromofluorobenzene (Surr)	73		66 - 117		04/16/13 19:16	83.33
Toluene-d8 (Surr)	82		74 - 115		04/16/13 19:16	83.33
Dibromofluoromethane (Surr)	88		75 - 121		04/16/13 19:16	83.33

**Client Sample ID: GW-040913-SM-006**

**Date Collected: 04/09/13 12:00**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1700	U	1700	180	ug/L			04/16/13 19:39	166.67
<b>Benzene</b>	<b>47</b>	<b>J B</b>	170	22	ug/L			04/16/13 19:39	166.67
Dichlorobromomethane	170	U	170	25	ug/L			04/16/13 19:39	166.67
Bromoform	170	U	170	110	ug/L			04/16/13 19:39	166.67
Bromomethane	170	U	170	68	ug/L			04/16/13 19:39	166.67
2-Butanone (MEK)	1700	U	1700	95	ug/L			04/16/13 19:39	166.67
Carbon disulfide	170	U	170	22	ug/L			04/16/13 19:39	166.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-006**

**Lab Sample ID: 240-23038-6**

**Date Collected: 04/09/13 12:00**

**Matrix: Water**

**Date Received: 04/11/13 08:00**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	170	U	170	22	ug/L			04/16/13 19:39	166.67
Chlorobenzene	170	U	170	25	ug/L			04/16/13 19:39	166.67
Chloroethane	170	U	170	48	ug/L			04/16/13 19:39	166.67
Chloroform	170	U	170	27	ug/L			04/16/13 19:39	166.67
Chloromethane	170	U	170	50	ug/L			04/16/13 19:39	166.67
<b>1,1-Dichloroethane</b>	<b>39</b>	<b>J</b>	170	25	ug/L			04/16/13 19:39	166.67
1,2-Dichloroethane	170	U	170	37	ug/L			04/16/13 19:39	166.67
1,1-Dichloroethene	170	U	170	32	ug/L			04/16/13 19:39	166.67
1,2-Dichloropropane	170	U	170	30	ug/L			04/16/13 19:39	166.67
cis-1,3-Dichloropropene	170	U	170	23	ug/L			04/16/13 19:39	166.67
trans-1,3-Dichloropropene	170	U	170	32	ug/L			04/16/13 19:39	166.67
Ethylbenzene	170	U	170	28	ug/L			04/16/13 19:39	166.67
2-Hexanone	1700	U	1700	68	ug/L			04/16/13 19:39	166.67
<b>Methylene Chloride</b>	<b>130</b>	<b>J B</b>	170	55	ug/L			04/16/13 19:39	166.67
4-Methyl-2-pentanone (MIBK)	1700	U	1700	53	ug/L			04/16/13 19:39	166.67
Styrene	170	U	170	18	ug/L			04/16/13 19:39	166.67
1,1,1,2-Tetrachloroethane	170	U	170	30	ug/L			04/16/13 19:39	166.67
Tetrachloroethene	170	U	170	48	ug/L			04/16/13 19:39	166.67
Toluene	170	U	170	22	ug/L			04/16/13 19:39	166.67
<b>Trichloroethene</b>	<b>120</b>	<b>J</b>	170	28	ug/L			04/16/13 19:39	166.67
<b>Vinyl chloride</b>	<b>1500</b>		170	37	ug/L			04/16/13 19:39	166.67
Xylenes, Total	330	U	330	47	ug/L			04/16/13 19:39	166.67
1,1,1-Trichloroethane	170	U	170	37	ug/L			04/16/13 19:39	166.67
1,1,2-Trichloroethane	170	U	170	45	ug/L			04/16/13 19:39	166.67
Cyclohexane	170	U	170	20	ug/L			04/16/13 19:39	166.67
1,2-Dibromo-3-Chloropropane	330	U	330	110	ug/L			04/16/13 19:39	166.67
Ethylene Dibromide	170	U	170	40	ug/L			04/16/13 19:39	166.67
Dichlorodifluoromethane	170	U	170	52	ug/L			04/16/13 19:39	166.67
<b>cis-1,2-Dichloroethene</b>	<b>3500</b>		170	28	ug/L			04/16/13 19:39	166.67
trans-1,2-Dichloroethene	170	U	170	32	ug/L			04/16/13 19:39	166.67
Isopropylbenzene	170	U	170	22	ug/L			04/16/13 19:39	166.67
Methyl acetate	1700	U	1700	63	ug/L			04/16/13 19:39	166.67
Methyl tert-butyl ether	170	U	170	28	ug/L			04/16/13 19:39	166.67
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	170	47	ug/L			04/16/13 19:39	166.67
1,2,4-Trichlorobenzene	170	U	170	25	ug/L			04/16/13 19:39	166.67
1,2-Dichlorobenzene	170	U	170	22	ug/L			04/16/13 19:39	166.67
1,3-Dichlorobenzene	170	U	170	23	ug/L			04/16/13 19:39	166.67
1,4-Dichlorobenzene	170	U	170	22	ug/L			04/16/13 19:39	166.67
Trichlorofluoromethane	170	U *	170	35	ug/L			04/16/13 19:39	166.67
Chlorodibromomethane	170	U	170	30	ug/L			04/16/13 19:39	166.67
Methylcyclohexane	170	U	170	22	ug/L			04/16/13 19:39	166.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		04/16/13 19:39	166.67
4-Bromofluorobenzene (Surr)	74		66 - 117		04/16/13 19:39	166.67
Toluene-d8 (Surr)	83		74 - 115		04/16/13 19:39	166.67
Dibromofluoromethane (Surr)	89		75 - 121		04/16/13 19:39	166.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-040913-SM-007**

**Date Collected: 04/09/13 12:45**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1700	U	1700	180	ug/L			04/16/13 20:01	166.67
<b>Benzene</b>	<b>25</b>	<b>J B</b>	170	22	ug/L			04/16/13 20:01	166.67
Dichlorobromomethane	170	U	170	25	ug/L			04/16/13 20:01	166.67
Bromoform	170	U	170	110	ug/L			04/16/13 20:01	166.67
Bromomethane	170	U	170	68	ug/L			04/16/13 20:01	166.67
2-Butanone (MEK)	1700	U	1700	95	ug/L			04/16/13 20:01	166.67
Carbon disulfide	170	U	170	22	ug/L			04/16/13 20:01	166.67
Carbon tetrachloride	170	U	170	22	ug/L			04/16/13 20:01	166.67
Chlorobenzene	170	U	170	25	ug/L			04/16/13 20:01	166.67
Chloroethane	170	U	170	48	ug/L			04/16/13 20:01	166.67
Chloroform	170	U	170	27	ug/L			04/16/13 20:01	166.67
Chloromethane	170	U	170	50	ug/L			04/16/13 20:01	166.67
1,1-Dichloroethane	170	U	170	25	ug/L			04/16/13 20:01	166.67
1,2-Dichloroethane	170	U	170	37	ug/L			04/16/13 20:01	166.67
1,1-Dichloroethene	170	U	170	32	ug/L			04/16/13 20:01	166.67
1,2-Dichloropropane	170	U	170	30	ug/L			04/16/13 20:01	166.67
cis-1,3-Dichloropropene	170	U	170	23	ug/L			04/16/13 20:01	166.67
trans-1,3-Dichloropropene	170	U	170	32	ug/L			04/16/13 20:01	166.67
Ethylbenzene	170	U	170	28	ug/L			04/16/13 20:01	166.67
2-Hexanone	1700	U	1700	68	ug/L			04/16/13 20:01	166.67
<b>Methylene Chloride</b>	<b>150</b>	<b>J B</b>	170	55	ug/L			04/16/13 20:01	166.67
4-Methyl-2-pentanone (MIBK)	1700	U	1700	53	ug/L			04/16/13 20:01	166.67
Styrene	170	U	170	18	ug/L			04/16/13 20:01	166.67
1,1,1,2-Tetrachloroethane	170	U	170	30	ug/L			04/16/13 20:01	166.67
Tetrachloroethene	170	U	170	48	ug/L			04/16/13 20:01	166.67
Toluene	170	U	170	22	ug/L			04/16/13 20:01	166.67
Trichloroethene	170	U	170	28	ug/L			04/16/13 20:01	166.67
<b>Vinyl chloride</b>	<b>180</b>		170	37	ug/L			04/16/13 20:01	166.67
Xylenes, Total	330	U	330	47	ug/L			04/16/13 20:01	166.67
1,1,1-Trichloroethane	170	U	170	37	ug/L			04/16/13 20:01	166.67
1,1,2-Trichloroethane	170	U	170	45	ug/L			04/16/13 20:01	166.67
Cyclohexane	170	U	170	20	ug/L			04/16/13 20:01	166.67
1,2-Dibromo-3-Chloropropane	330	U	330	110	ug/L			04/16/13 20:01	166.67
Ethylene Dibromide	170	U	170	40	ug/L			04/16/13 20:01	166.67
Dichlorodifluoromethane	170	U	170	52	ug/L			04/16/13 20:01	166.67
<b>cis-1,2-Dichloroethene</b>	<b>3600</b>		170	28	ug/L			04/16/13 20:01	166.67
trans-1,2-Dichloroethene	170	U	170	32	ug/L			04/16/13 20:01	166.67
Isopropylbenzene	170	U	170	22	ug/L			04/16/13 20:01	166.67
Methyl acetate	1700	U	1700	63	ug/L			04/16/13 20:01	166.67
Methyl tert-butyl ether	170	U	170	28	ug/L			04/16/13 20:01	166.67
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	170	47	ug/L			04/16/13 20:01	166.67
1,2,4-Trichlorobenzene	170	U	170	25	ug/L			04/16/13 20:01	166.67
1,2-Dichlorobenzene	170	U	170	22	ug/L			04/16/13 20:01	166.67
1,3-Dichlorobenzene	170	U	170	23	ug/L			04/16/13 20:01	166.67
1,4-Dichlorobenzene	170	U	170	22	ug/L			04/16/13 20:01	166.67
Trichlorofluoromethane	170	U *	170	35	ug/L			04/16/13 20:01	166.67
Chlorodibromomethane	170	U	170	30	ug/L			04/16/13 20:01	166.67
Methylcyclohexane	170	U	170	22	ug/L			04/16/13 20:01	166.67

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		63 - 129		04/16/13 20:01	166.67
4-Bromofluorobenzene (Surr)	75		66 - 117		04/16/13 20:01	166.67
Toluene-d8 (Surr)	85		74 - 115		04/16/13 20:01	166.67
Dibromofluoromethane (Surr)	91		75 - 121		04/16/13 20:01	166.67

**Client Sample ID: GW-040913-SM-008**

**Lab Sample ID: 240-23038-8**

**Date Collected: 04/09/13 12:50**

**Matrix: Water**

**Date Received: 04/11/13 08:00**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1700	U	1700	180	ug/L			04/16/13 20:23	166.67
<b>Benzene</b>	<b>37</b>	<b>J B</b>	170	22	ug/L			04/16/13 20:23	166.67
Dichlorobromomethane	170	U	170	25	ug/L			04/16/13 20:23	166.67
Bromoform	170	U	170	110	ug/L			04/16/13 20:23	166.67
Bromomethane	170	U	170	68	ug/L			04/16/13 20:23	166.67
2-Butanone (MEK)	1700	U	1700	95	ug/L			04/16/13 20:23	166.67
Carbon disulfide	170	U	170	22	ug/L			04/16/13 20:23	166.67
Carbon tetrachloride	170	U	170	22	ug/L			04/16/13 20:23	166.67
Chlorobenzene	170	U	170	25	ug/L			04/16/13 20:23	166.67
Chloroethane	170	U	170	48	ug/L			04/16/13 20:23	166.67
Chloroform	170	U	170	27	ug/L			04/16/13 20:23	166.67
Chloromethane	170	U	170	50	ug/L			04/16/13 20:23	166.67
<b>1,1-Dichloroethane</b>	<b>37</b>	<b>J</b>	170	25	ug/L			04/16/13 20:23	166.67
1,2-Dichloroethane	170	U	170	37	ug/L			04/16/13 20:23	166.67
1,1-Dichloroethene	170	U	170	32	ug/L			04/16/13 20:23	166.67
1,2-Dichloropropane	170	U	170	30	ug/L			04/16/13 20:23	166.67
cis-1,3-Dichloropropene	170	U	170	23	ug/L			04/16/13 20:23	166.67
trans-1,3-Dichloropropene	170	U	170	32	ug/L			04/16/13 20:23	166.67
Ethylbenzene	170	U	170	28	ug/L			04/16/13 20:23	166.67
2-Hexanone	1700	U	1700	68	ug/L			04/16/13 20:23	166.67
<b>Methylene Chloride</b>	<b>130</b>	<b>J B</b>	170	55	ug/L			04/16/13 20:23	166.67
4-Methyl-2-pentanone (MIBK)	1700	U	1700	53	ug/L			04/16/13 20:23	166.67
Styrene	170	U	170	18	ug/L			04/16/13 20:23	166.67
1,1,2,2-Tetrachloroethane	170	U	170	30	ug/L			04/16/13 20:23	166.67
Tetrachloroethene	170	U	170	48	ug/L			04/16/13 20:23	166.67
Toluene	170	U	170	22	ug/L			04/16/13 20:23	166.67
Trichloroethene	170	U	170	28	ug/L			04/16/13 20:23	166.67
<b>Vinyl chloride</b>	<b>190</b>		170	37	ug/L			04/16/13 20:23	166.67
Xylenes, Total	330	U	330	47	ug/L			04/16/13 20:23	166.67
1,1,1-Trichloroethane	170	U	170	37	ug/L			04/16/13 20:23	166.67
1,1,2-Trichloroethane	170	U	170	45	ug/L			04/16/13 20:23	166.67
Cyclohexane	170	U	170	20	ug/L			04/16/13 20:23	166.67
1,2-Dibromo-3-Chloropropane	330	U	330	110	ug/L			04/16/13 20:23	166.67
Ethylene Dibromide	170	U	170	40	ug/L			04/16/13 20:23	166.67
Dichlorodifluoromethane	170	U	170	52	ug/L			04/16/13 20:23	166.67
<b>cis-1,2-Dichloroethene</b>	<b>3900</b>		170	28	ug/L			04/16/13 20:23	166.67
trans-1,2-Dichloroethene	170	U	170	32	ug/L			04/16/13 20:23	166.67
Isopropylbenzene	170	U	170	22	ug/L			04/16/13 20:23	166.67
Methyl acetate	1700	U	1700	63	ug/L			04/16/13 20:23	166.67
Methyl tert-butyl ether	170	U	170	28	ug/L			04/16/13 20:23	166.67
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	170	47	ug/L			04/16/13 20:23	166.67
1,2,4-Trichlorobenzene	170	U	170	25	ug/L			04/16/13 20:23	166.67
1,2-Dichlorobenzene	170	U	170	22	ug/L			04/16/13 20:23	166.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-008**

**Date Collected: 04/09/13 12:50**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	170	U	170	23	ug/L			04/16/13 20:23	166.67
1,4-Dichlorobenzene	170	U	170	22	ug/L			04/16/13 20:23	166.67
Trichlorofluoromethane	170	U *	170	35	ug/L			04/16/13 20:23	166.67
Chlorodibromomethane	170	U	170	30	ug/L			04/16/13 20:23	166.67
Methylcyclohexane	170	U	170	22	ug/L			04/16/13 20:23	166.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	91		63 - 129					04/16/13 20:23	166.67
4-Bromofluorobenzene (Surr)	76		66 - 117					04/16/13 20:23	166.67
Toluene-d8 (Surr)	83		74 - 115					04/16/13 20:23	166.67
Dibromofluoromethane (Surr)	89		75 - 121					04/16/13 20:23	166.67

**Client Sample ID: GW-040913-SM-009**

**Date Collected: 04/09/13 13:25**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5000	U	5000	550	ug/L			04/17/13 14:39	500
<b>Benzene</b>	<b>120</b>	<b>J B</b>	500	65	ug/L			04/17/13 14:39	500
Dichlorobromomethane	500	U	500	75	ug/L			04/17/13 14:39	500
Bromoform	500	U	500	320	ug/L			04/17/13 14:39	500
Bromomethane	500	U	500	210	ug/L			04/17/13 14:39	500
2-Butanone (MEK)	5000	U	5000	290	ug/L			04/17/13 14:39	500
Carbon disulfide	500	U	500	65	ug/L			04/17/13 14:39	500
Carbon tetrachloride	500	U	500	65	ug/L			04/17/13 14:39	500
Chlorobenzene	500	U	500	75	ug/L			04/17/13 14:39	500
Chloroethane	500	U	500	150	ug/L			04/17/13 14:39	500
Chloroform	500	U	500	80	ug/L			04/17/13 14:39	500
Chloromethane	500	U	500	150	ug/L			04/17/13 14:39	500
<b>1,1-Dichloroethane</b>	<b>310</b>	<b>J</b>	500	75	ug/L			04/17/13 14:39	500
1,2-Dichloroethane	500	U	500	110	ug/L			04/17/13 14:39	500
<b>1,1-Dichloroethene</b>	<b>180</b>	<b>J</b>	500	95	ug/L			04/17/13 14:39	500
1,2-Dichloropropane	500	U	500	90	ug/L			04/17/13 14:39	500
cis-1,3-Dichloropropene	500	U	500	70	ug/L			04/17/13 14:39	500
trans-1,3-Dichloropropene	500	U	500	95	ug/L			04/17/13 14:39	500
Ethylbenzene	500	U	500	85	ug/L			04/17/13 14:39	500
2-Hexanone	5000	U	5000	210	ug/L			04/17/13 14:39	500
<b>Methylene Chloride</b>	<b>370</b>	<b>J B</b>	500	170	ug/L			04/17/13 14:39	500
4-Methyl-2-pentanone (MIBK)	5000	U	5000	160	ug/L			04/17/13 14:39	500
Styrene	500	U	500	55	ug/L			04/17/13 14:39	500
1,1,1,2-Tetrachloroethane	500	U	500	90	ug/L			04/17/13 14:39	500
Tetrachloroethene	500	U	500	150	ug/L			04/17/13 14:39	500
Toluene	500	U	500	65	ug/L			04/17/13 14:39	500
<b>Trichloroethene</b>	<b>13000</b>		500	85	ug/L			04/17/13 14:39	500
Vinyl chloride	500	U	500	110	ug/L			04/17/13 14:39	500
Xylenes, Total	1000	U	1000	140	ug/L			04/17/13 14:39	500
<b>1,1,1-Trichloroethane</b>	<b>590</b>		500	110	ug/L			04/17/13 14:39	500
1,1,2-Trichloroethane	500	U	500	140	ug/L			04/17/13 14:39	500
Cyclohexane	500	U	500	60	ug/L			04/17/13 14:39	500
1,2-Dibromo-3-Chloropropane	1000	U	1000	340	ug/L			04/17/13 14:39	500
Ethylene Dibromide	500	U	500	120	ug/L			04/17/13 14:39	500

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-009**

**Date Collected: 04/09/13 13:25**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	500	U	500	160	ug/L			04/17/13 14:39	500
<b>cis-1,2-Dichloroethene</b>	<b>6200</b>		500	85	ug/L			04/17/13 14:39	500
trans-1,2-Dichloroethene	500	U	500	95	ug/L			04/17/13 14:39	500
Isopropylbenzene	500	U	500	65	ug/L			04/17/13 14:39	500
Methyl acetate	5000	U	5000	190	ug/L			04/17/13 14:39	500
Methyl tert-butyl ether	500	U	500	85	ug/L			04/17/13 14:39	500
1,1,2-Trichloro-1,2,2-trifluoroethane	500	U	500	140	ug/L			04/17/13 14:39	500
1,2,4-Trichlorobenzene	500	U	500	75	ug/L			04/17/13 14:39	500
1,2-Dichlorobenzene	500	U	500	65	ug/L			04/17/13 14:39	500
1,3-Dichlorobenzene	500	U	500	70	ug/L			04/17/13 14:39	500
1,4-Dichlorobenzene	500	U	500	65	ug/L			04/17/13 14:39	500
Trichlorofluoromethane	500	U *	500	110	ug/L			04/17/13 14:39	500
Chlorodibromomethane	500	U	500	90	ug/L			04/17/13 14:39	500
Methylcyclohexane	500	U	500	65	ug/L			04/17/13 14:39	500
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	88		63 - 129					04/17/13 14:39	500
<i>4-Bromofluorobenzene (Surr)</i>	76		66 - 117					04/17/13 14:39	500
<i>Toluene-d8 (Surr)</i>	85		74 - 115					04/17/13 14:39	500
<i>Dibromofluoromethane (Surr)</i>	87		75 - 121					04/17/13 14:39	500

**Client Sample ID: GW-040913-SM-010**

**Date Collected: 04/09/13 14:16**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			04/16/13 21:08	250
<b>Benzene</b>	<b>33</b>	<b>J B</b>	250	33	ug/L			04/16/13 21:08	250
Dichlorobromomethane	250	U	250	38	ug/L			04/16/13 21:08	250
Bromoform	250	U	250	160	ug/L			04/16/13 21:08	250
Bromomethane	250	U	250	100	ug/L			04/16/13 21:08	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			04/16/13 21:08	250
Carbon disulfide	250	U	250	33	ug/L			04/16/13 21:08	250
Carbon tetrachloride	250	U	250	33	ug/L			04/16/13 21:08	250
Chlorobenzene	250	U	250	38	ug/L			04/16/13 21:08	250
Chloroethane	250	U	250	73	ug/L			04/16/13 21:08	250
Chloroform	250	U	250	40	ug/L			04/16/13 21:08	250
Chloromethane	250	U	250	75	ug/L			04/16/13 21:08	250
<b>1,1-Dichloroethane</b>	<b>260</b>		250	38	ug/L			04/16/13 21:08	250
1,2-Dichloroethane	250	U	250	55	ug/L			04/16/13 21:08	250
1,1-Dichloroethene	250	U	250	48	ug/L			04/16/13 21:08	250
1,2-Dichloropropane	250	U	250	45	ug/L			04/16/13 21:08	250
cis-1,3-Dichloropropene	250	U	250	35	ug/L			04/16/13 21:08	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			04/16/13 21:08	250
<b>Ethylbenzene</b>	<b>760</b>		250	43	ug/L			04/16/13 21:08	250
2-Hexanone	2500	U	2500	100	ug/L			04/16/13 21:08	250
<b>Methylene Chloride</b>	<b>190</b>	<b>J B</b>	250	83	ug/L			04/16/13 21:08	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			04/16/13 21:08	250
Styrene	250	U	250	28	ug/L			04/16/13 21:08	250
1,1,1,2-Tetrachloroethane	250	U	250	45	ug/L			04/16/13 21:08	250
Tetrachloroethene	250	U	250	73	ug/L			04/16/13 21:08	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-010**

**Date Collected: 04/09/13 14:16**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	2100		250	33	ug/L			04/16/13 21:08	250
Trichloroethene	57	J	250	43	ug/L			04/16/13 21:08	250
Vinyl chloride	1300		250	55	ug/L			04/16/13 21:08	250
Xylenes, Total	1200		500	70	ug/L			04/16/13 21:08	250
1,1,1-Trichloroethane	70	J	250	55	ug/L			04/16/13 21:08	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			04/16/13 21:08	250
Cyclohexane	250	U	250	30	ug/L			04/16/13 21:08	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			04/16/13 21:08	250
Ethylene Dibromide	250	U	250	60	ug/L			04/16/13 21:08	250
Dichlorodifluoromethane	250	U	250	78	ug/L			04/16/13 21:08	250
cis-1,2-Dichloroethene	8300		250	43	ug/L			04/16/13 21:08	250
trans-1,2-Dichloroethene	250	U	250	48	ug/L			04/16/13 21:08	250
Isopropylbenzene	250	U	250	33	ug/L			04/16/13 21:08	250
Methyl acetate	2500	U	2500	95	ug/L			04/16/13 21:08	250
Methyl tert-butyl ether	250	U	250	43	ug/L			04/16/13 21:08	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			04/16/13 21:08	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			04/16/13 21:08	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			04/16/13 21:08	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			04/16/13 21:08	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			04/16/13 21:08	250
Trichlorofluoromethane	250	U *	250	53	ug/L			04/16/13 21:08	250
Chlorodibromomethane	250	U	250	45	ug/L			04/16/13 21:08	250
Methylcyclohexane	250	U	250	33	ug/L			04/16/13 21:08	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		04/16/13 21:08	250
4-Bromofluorobenzene (Surr)	84		66 - 117		04/16/13 21:08	250
Toluene-d8 (Surr)	85		74 - 115		04/16/13 21:08	250
Dibromofluoromethane (Surr)	95		75 - 121		04/16/13 21:08	250

**Client Sample ID: GW-040913-SM-011**

**Date Collected: 04/09/13 15:15**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100	U	100	11	ug/L			04/16/13 14:22	10
Benzene	10	U	10	1.3	ug/L			04/16/13 14:22	10
Dichlorobromomethane	10	U	10	1.5	ug/L			04/16/13 14:22	10
Bromoform	10	U	10	6.4	ug/L			04/16/13 14:22	10
Bromomethane	10	U	10	4.1	ug/L			04/16/13 14:22	10
2-Butanone (MEK)	100	U	100	5.7	ug/L			04/16/13 14:22	10
Carbon disulfide	10	U	10	1.3	ug/L			04/16/13 14:22	10
Carbon tetrachloride	10	U	10	1.3	ug/L			04/16/13 14:22	10
Chlorobenzene	10	U	10	1.5	ug/L			04/16/13 14:22	10
Chloroethane	10	U	10	2.9	ug/L			04/16/13 14:22	10
Chloroform	10	U	10	1.6	ug/L			04/16/13 14:22	10
Chloromethane	10	U	10	3.0	ug/L			04/16/13 14:22	10
1,1-Dichloroethane	10	U	10	1.5	ug/L			04/16/13 14:22	10
1,2-Dichloroethane	10	U	10	2.2	ug/L			04/16/13 14:22	10
1,1-Dichloroethene	10	U	10	1.9	ug/L			04/16/13 14:22	10
1,2-Dichloropropane	10	U	10	1.8	ug/L			04/16/13 14:22	10

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-040913-SM-011**

**Date Collected: 04/09/13 15:15**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	10	U	10	1.4	ug/L			04/16/13 14:22	10
trans-1,3-Dichloropropene	10	U	10	1.9	ug/L			04/16/13 14:22	10
Ethylbenzene	10	U	10	1.7	ug/L			04/16/13 14:22	10
2-Hexanone	100	U	100	4.1	ug/L			04/16/13 14:22	10
<b>Methylene Chloride</b>	<b>7.0</b>	<b>J B</b>	10	3.3	ug/L			04/16/13 14:22	10
4-Methyl-2-pentanone (MIBK)	100	U	100	3.2	ug/L			04/16/13 14:22	10
Styrene	10	U	10	1.1	ug/L			04/16/13 14:22	10
1,1,2,2-Tetrachloroethane	10	U	10	1.8	ug/L			04/16/13 14:22	10
Tetrachloroethene	10	U	10	2.9	ug/L			04/16/13 14:22	10
Toluene	10	U	10	1.3	ug/L			04/16/13 14:22	10
<b>Trichloroethene</b>	<b>5.9</b>	<b>J</b>	10	1.7	ug/L			04/16/13 14:22	10
Vinyl chloride	10	U	10	2.2	ug/L			04/16/13 14:22	10
Xylenes, Total	20	U	20	2.8	ug/L			04/16/13 14:22	10
1,1,1-Trichloroethane	10	U	10	2.2	ug/L			04/16/13 14:22	10
1,1,2-Trichloroethane	10	U	10	2.7	ug/L			04/16/13 14:22	10
Cyclohexane	10	U	10	1.2	ug/L			04/16/13 14:22	10
1,2-Dibromo-3-Chloropropane	20	U	20	6.7	ug/L			04/16/13 14:22	10
Ethylene Dibromide	10	U	10	2.4	ug/L			04/16/13 14:22	10
Dichlorodifluoromethane	10	U	10	3.1	ug/L			04/16/13 14:22	10
<b>cis-1,2-Dichloroethene</b>	<b>210</b>		10	1.7	ug/L			04/16/13 14:22	10
<b>trans-1,2-Dichloroethene</b>	<b>2.5</b>	<b>J</b>	10	1.9	ug/L			04/16/13 14:22	10
Isopropylbenzene	10	U	10	1.3	ug/L			04/16/13 14:22	10
Methyl acetate	100	U	100	3.8	ug/L			04/16/13 14:22	10
Methyl tert-butyl ether	10	U	10	1.7	ug/L			04/16/13 14:22	10
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	10	2.8	ug/L			04/16/13 14:22	10
1,2,4-Trichlorobenzene	10	U	10	1.5	ug/L			04/16/13 14:22	10
1,2-Dichlorobenzene	10	U	10	1.3	ug/L			04/16/13 14:22	10
1,3-Dichlorobenzene	10	U	10	1.4	ug/L			04/16/13 14:22	10
1,4-Dichlorobenzene	10	U	10	1.3	ug/L			04/16/13 14:22	10
Trichlorofluoromethane	10	U *	10	2.1	ug/L			04/16/13 14:22	10
Chlorodibromomethane	10	U	10	1.8	ug/L			04/16/13 14:22	10
Methylcyclohexane	10	U	10	1.3	ug/L			04/16/13 14:22	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		04/16/13 14:22	10
4-Bromofluorobenzene (Surr)	79		66 - 117		04/16/13 14:22	10
Toluene-d8 (Surr)	85		74 - 115		04/16/13 14:22	10
Dibromofluoromethane (Surr)	87		75 - 121		04/16/13 14:22	10

**Client Sample ID: RB-040913-SM-001**

**Date Collected: 04/09/13 12:45**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-12**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.8</b>	<b>J</b>	10	1.1	ug/L			04/16/13 21:30	1
<b>Benzene</b>	<b>0.15</b>	<b>J B</b>	1.0	0.13	ug/L			04/16/13 21:30	1
<b>Dichlorobromomethane</b>	<b>1.3</b>		1.0	0.15	ug/L			04/16/13 21:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/16/13 21:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/16/13 21:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/16/13 21:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-040913-SM-001**

**Date Collected: 04/09/13 12:45**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-12**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/16/13 21:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/16/13 21:30	1
<b>Chloroform</b>	<b>5.8</b>		1.0	0.16	ug/L			04/16/13 21:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/16/13 21:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/16/13 21:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/16/13 21:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/16/13 21:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/16/13 21:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/16/13 21:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/16/13 21:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/16/13 21:30	1
2-Hexanone	10	U	10	0.41	ug/L			04/16/13 21:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/16/13 21:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/16/13 21:30	1
Styrene	1.0	U	1.0	0.11	ug/L			04/16/13 21:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/16/13 21:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/16/13 21:30	1
Toluene	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/16/13 21:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/16/13 21:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/16/13 21:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/16/13 21:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/16/13 21:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/16/13 21:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/16/13 21:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/16/13 21:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/16/13 21:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/16/13 21:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/16/13 21:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1
Methyl acetate	10	U	10	0.38	ug/L			04/16/13 21:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/16/13 21:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/16/13 21:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/16/13 21:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/16/13 21:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1
Trichlorofluoromethane	1.0	U *	1.0	0.21	ug/L			04/16/13 21:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/16/13 21:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/16/13 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		63 - 129					04/16/13 21:30	1
4-Bromofluorobenzene (Surr)	85		66 - 117					04/16/13 21:30	1
Toluene-d8 (Surr)	95		74 - 115					04/16/13 21:30	1
Dibromofluoromethane (Surr)	110		75 - 121					04/16/13 21:30	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: TB-040913-SM-001**

**Date Collected: 04/09/13 15:20**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-13**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.4</b>	<b>J</b>	10	1.1	ug/L			04/17/13 15:02	1
Benzene	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/17/13 15:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/17/13 15:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/17/13 15:02	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/17/13 15:02	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 15:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/17/13 15:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/17/13 15:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/17/13 15:02	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/17/13 15:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 15:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 15:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/17/13 15:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/17/13 15:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/17/13 15:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/17/13 15:02	1
2-Hexanone	10	U	10	0.41	ug/L			04/17/13 15:02	1
<b>Methylene Chloride</b>	<b>0.48</b>	<b>J B</b>	1.0	0.33	ug/L			04/17/13 15:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/17/13 15:02	1
Styrene	1.0	U	1.0	0.11	ug/L			04/17/13 15:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/17/13 15:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/17/13 15:02	1
Toluene	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 15:02	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/17/13 15:02	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/17/13 15:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 15:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/17/13 15:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/17/13 15:02	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/17/13 15:02	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/17/13 15:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/17/13 15:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 15:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 15:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
Methyl acetate	10	U	10	0.38	ug/L			04/17/13 15:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/17/13 15:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/17/13 15:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 15:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/17/13 15:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1
Trichlorofluoromethane	1.0	U*	1.0	0.21	ug/L			04/17/13 15:02	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/17/13 15:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/17/13 15:02	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		04/17/13 15:02	1
4-Bromofluorobenzene (Surr)	74		66 - 117		04/17/13 15:02	1
Toluene-d8 (Surr)	81		74 - 115		04/17/13 15:02	1
Dibromofluoromethane (Surr)	89		75 - 121		04/17/13 15:02	1

**Client Sample ID: GW-041013-SM-012**

**Lab Sample ID: 240-23038-14**

**Date Collected: 04/10/13 09:00**

**Matrix: Water**

**Date Received: 04/11/13 08:00**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	330	U	330	37	ug/L			04/17/13 15:25	33.33
<b>Benzene</b>	<b>6.9</b>	<b>J B</b>	33	4.3	ug/L			04/17/13 15:25	33.33
Dichlorobromomethane	33	U	33	5.0	ug/L			04/17/13 15:25	33.33
Bromoform	33	U	33	21	ug/L			04/17/13 15:25	33.33
Bromomethane	33	U	33	14	ug/L			04/17/13 15:25	33.33
2-Butanone (MEK)	330	U	330	19	ug/L			04/17/13 15:25	33.33
Carbon disulfide	33	U	33	4.3	ug/L			04/17/13 15:25	33.33
Carbon tetrachloride	33	U	33	4.3	ug/L			04/17/13 15:25	33.33
Chlorobenzene	33	U	33	5.0	ug/L			04/17/13 15:25	33.33
Chloroethane	33	U	33	9.7	ug/L			04/17/13 15:25	33.33
Chloroform	33	U	33	5.3	ug/L			04/17/13 15:25	33.33
Chloromethane	33	U	33	10	ug/L			04/17/13 15:25	33.33
1,1-Dichloroethane	33	U	33	5.0	ug/L			04/17/13 15:25	33.33
1,2-Dichloroethane	33	U	33	7.3	ug/L			04/17/13 15:25	33.33
1,1-Dichloroethene	33	U	33	6.3	ug/L			04/17/13 15:25	33.33
1,2-Dichloropropane	33	U	33	6.0	ug/L			04/17/13 15:25	33.33
cis-1,3-Dichloropropene	33	U	33	4.7	ug/L			04/17/13 15:25	33.33
trans-1,3-Dichloropropene	33	U	33	6.3	ug/L			04/17/13 15:25	33.33
Ethylbenzene	33	U	33	5.7	ug/L			04/17/13 15:25	33.33
2-Hexanone	330	U	330	14	ug/L			04/17/13 15:25	33.33
<b>Methylene Chloride</b>	<b>24</b>	<b>J B</b>	33	11	ug/L			04/17/13 15:25	33.33
4-Methyl-2-pentanone (MIBK)	330	U	330	11	ug/L			04/17/13 15:25	33.33
Styrene	33	U	33	3.7	ug/L			04/17/13 15:25	33.33
1,1,1,2-Tetrachloroethane	33	U	33	6.0	ug/L			04/17/13 15:25	33.33
Tetrachloroethene	33	U	33	9.7	ug/L			04/17/13 15:25	33.33
Toluene	33	U	33	4.3	ug/L			04/17/13 15:25	33.33
Trichloroethene	33	U	33	5.7	ug/L			04/17/13 15:25	33.33
<b>Vinyl chloride</b>	<b>27</b>	<b>J</b>	33	7.3	ug/L			04/17/13 15:25	33.33
Xylenes, Total	67	U	67	9.3	ug/L			04/17/13 15:25	33.33
1,1,1-Trichloroethane	33	U	33	7.3	ug/L			04/17/13 15:25	33.33
1,1,2-Trichloroethane	33	U	33	9.0	ug/L			04/17/13 15:25	33.33
Cyclohexane	33	U	33	4.0	ug/L			04/17/13 15:25	33.33
1,2-Dibromo-3-Chloropropane	67	U	67	22	ug/L			04/17/13 15:25	33.33
Ethylene Dibromide	33	U	33	8.0	ug/L			04/17/13 15:25	33.33
Dichlorodifluoromethane	33	U	33	10	ug/L			04/17/13 15:25	33.33
<b>cis-1,2-Dichloroethene</b>	<b>740</b>		33	5.7	ug/L			04/17/13 15:25	33.33
<b>trans-1,2-Dichloroethene</b>	<b>16</b>	<b>J</b>	33	6.3	ug/L			04/17/13 15:25	33.33
Isopropylbenzene	33	U	33	4.3	ug/L			04/17/13 15:25	33.33
Methyl acetate	330	U	330	13	ug/L			04/17/13 15:25	33.33
Methyl tert-butyl ether	33	U	33	5.7	ug/L			04/17/13 15:25	33.33
1,1,2-Trichloro-1,2,2-trifluoroethane	33	U	33	9.3	ug/L			04/17/13 15:25	33.33
1,2,4-Trichlorobenzene	33	U	33	5.0	ug/L			04/17/13 15:25	33.33
1,2-Dichlorobenzene	33	U	33	4.3	ug/L			04/17/13 15:25	33.33

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-012**

**Date Collected: 04/10/13 09:00**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-14**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	33	U	33	4.7	ug/L			04/17/13 15:25	33.33
1,4-Dichlorobenzene	33	U	33	4.3	ug/L			04/17/13 15:25	33.33
Trichlorofluoromethane	33	U *	33	7.0	ug/L			04/17/13 15:25	33.33
Chlorodibromomethane	33	U	33	6.0	ug/L			04/17/13 15:25	33.33
Methylcyclohexane	33	U	33	4.3	ug/L			04/17/13 15:25	33.33
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	88		63 - 129					04/17/13 15:25	33.33
4-Bromofluorobenzene (Surr)	73		66 - 117					04/17/13 15:25	33.33
Toluene-d8 (Surr)	80		74 - 115					04/17/13 15:25	33.33
Dibromofluoromethane (Surr)	85		75 - 121					04/17/13 15:25	33.33

**Client Sample ID: GW-041013-SM-013**

**Date Collected: 04/10/13 10:00**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-15**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	170	U	170	18	ug/L			04/17/13 15:48	16.67
Benzene	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
Dichlorobromomethane	17	U	17	2.5	ug/L			04/17/13 15:48	16.67
Bromoform	17	U	17	11	ug/L			04/17/13 15:48	16.67
Bromomethane	17	U	17	6.8	ug/L			04/17/13 15:48	16.67
2-Butanone (MEK)	170	U	170	9.5	ug/L			04/17/13 15:48	16.67
Carbon disulfide	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
Carbon tetrachloride	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
Chlorobenzene	17	U	17	2.5	ug/L			04/17/13 15:48	16.67
Chloroethane	17	U	17	4.8	ug/L			04/17/13 15:48	16.67
Chloroform	17	U	17	2.7	ug/L			04/17/13 15:48	16.67
Chloromethane	17	U	17	5.0	ug/L			04/17/13 15:48	16.67
<b>1,1-Dichloroethane</b>	<b>23</b>		17	2.5	ug/L			04/17/13 15:48	16.67
1,2-Dichloroethane	17	U	17	3.7	ug/L			04/17/13 15:48	16.67
1,1-Dichloroethene	17	U	17	3.2	ug/L			04/17/13 15:48	16.67
1,2-Dichloropropane	17	U	17	3.0	ug/L			04/17/13 15:48	16.67
cis-1,3-Dichloropropene	17	U	17	2.3	ug/L			04/17/13 15:48	16.67
trans-1,3-Dichloropropene	17	U	17	3.2	ug/L			04/17/13 15:48	16.67
Ethylbenzene	17	U	17	2.8	ug/L			04/17/13 15:48	16.67
2-Hexanone	170	U	170	6.8	ug/L			04/17/13 15:48	16.67
<b>Methylene Chloride</b>	<b>12</b>	<b>J B</b>	17	5.5	ug/L			04/17/13 15:48	16.67
4-Methyl-2-pentanone (MIBK)	170	U	170	5.3	ug/L			04/17/13 15:48	16.67
Styrene	17	U	17	1.8	ug/L			04/17/13 15:48	16.67
1,1,1,2-Tetrachloroethane	17	U	17	3.0	ug/L			04/17/13 15:48	16.67
Tetrachloroethene	17	U	17	4.8	ug/L			04/17/13 15:48	16.67
Toluene	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
Trichloroethene	17	U	17	2.8	ug/L			04/17/13 15:48	16.67
<b>Vinyl chloride</b>	<b>300</b>		17	3.7	ug/L			04/17/13 15:48	16.67
Xylenes, Total	33	U	33	4.7	ug/L			04/17/13 15:48	16.67
1,1,1-Trichloroethane	17	U	17	3.7	ug/L			04/17/13 15:48	16.67
1,1,2-Trichloroethane	17	U	17	4.5	ug/L			04/17/13 15:48	16.67
Cyclohexane	17	U	17	2.0	ug/L			04/17/13 15:48	16.67
1,2-Dibromo-3-Chloropropane	33	U	33	11	ug/L			04/17/13 15:48	16.67
Ethylene Dibromide	17	U	17	4.0	ug/L			04/17/13 15:48	16.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-013**

**Date Collected: 04/10/13 10:00**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-15**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	17	U	17	5.2	ug/L			04/17/13 15:48	16.67
<b>cis-1,2-Dichloroethene</b>	<b>360</b>		17	2.8	ug/L			04/17/13 15:48	16.67
<b>trans-1,2-Dichloroethene</b>	<b>36</b>		17	3.2	ug/L			04/17/13 15:48	16.67
Isopropylbenzene	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
Methyl acetate	170	U	170	6.3	ug/L			04/17/13 15:48	16.67
Methyl tert-butyl ether	17	U	17	2.8	ug/L			04/17/13 15:48	16.67
1,1,2-Trichloro-1,2,2-trifluoroethane	17	U	17	4.7	ug/L			04/17/13 15:48	16.67
1,2,4-Trichlorobenzene	17	U	17	2.5	ug/L			04/17/13 15:48	16.67
1,2-Dichlorobenzene	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
1,3-Dichlorobenzene	17	U	17	2.3	ug/L			04/17/13 15:48	16.67
1,4-Dichlorobenzene	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
Trichlorofluoromethane	17	U *	17	3.5	ug/L			04/17/13 15:48	16.67
Chlorodibromomethane	17	U	17	3.0	ug/L			04/17/13 15:48	16.67
Methylcyclohexane	17	U	17	2.2	ug/L			04/17/13 15:48	16.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		63 - 129					04/17/13 15:48	16.67
<i>4-Bromofluorobenzene (Surr)</i>	76		66 - 117					04/17/13 15:48	16.67
<i>Toluene-d8 (Surr)</i>	84		74 - 115					04/17/13 15:48	16.67
<i>Dibromofluoromethane (Surr)</i>	87		75 - 121					04/17/13 15:48	16.67

**Client Sample ID: GW-041013-SM-014**

**Date Collected: 04/10/13 10:40**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-16**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			04/17/13 16:10	250
<b>Benzene</b>	<b>72</b>	<b>J B</b>	250	33	ug/L			04/17/13 16:10	250
Dichlorobromomethane	250	U	250	38	ug/L			04/17/13 16:10	250
Bromoform	250	U	250	160	ug/L			04/17/13 16:10	250
Bromomethane	250	U	250	100	ug/L			04/17/13 16:10	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			04/17/13 16:10	250
Carbon disulfide	250	U	250	33	ug/L			04/17/13 16:10	250
Carbon tetrachloride	250	U	250	33	ug/L			04/17/13 16:10	250
Chlorobenzene	250	U	250	38	ug/L			04/17/13 16:10	250
Chloroethane	250	U	250	73	ug/L			04/17/13 16:10	250
Chloroform	250	U	250	40	ug/L			04/17/13 16:10	250
Chloromethane	250	U	250	75	ug/L			04/17/13 16:10	250
<b>1,1-Dichloroethane</b>	<b>160</b>	<b>J</b>	250	38	ug/L			04/17/13 16:10	250
1,2-Dichloroethane	250	U	250	55	ug/L			04/17/13 16:10	250
1,1-Dichloroethene	250	U	250	48	ug/L			04/17/13 16:10	250
1,2-Dichloropropane	250	U	250	45	ug/L			04/17/13 16:10	250
cis-1,3-Dichloropropene	250	U	250	35	ug/L			04/17/13 16:10	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			04/17/13 16:10	250
Ethylbenzene	250	U	250	43	ug/L			04/17/13 16:10	250
2-Hexanone	2500	U	2500	100	ug/L			04/17/13 16:10	250
<b>Methylene Chloride</b>	<b>190</b>	<b>J B</b>	250	83	ug/L			04/17/13 16:10	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			04/17/13 16:10	250
Styrene	250	U	250	28	ug/L			04/17/13 16:10	250
1,1,2,2-Tetrachloroethane	250	U	250	45	ug/L			04/17/13 16:10	250
Tetrachloroethene	250	U	250	73	ug/L			04/17/13 16:10	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-014**

**Date Collected: 04/10/13 10:40**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-16**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	250	U	250	33	ug/L			04/17/13 16:10	250
<b>Trichloroethene</b>	<b>2100</b>		250	43	ug/L			04/17/13 16:10	250
<b>Vinyl chloride</b>	<b>210</b>	<b>J</b>	250	55	ug/L			04/17/13 16:10	250
Xylenes, Total	500	U	500	70	ug/L			04/17/13 16:10	250
1,1,1-Trichloroethane	250	U	250	55	ug/L			04/17/13 16:10	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			04/17/13 16:10	250
Cyclohexane	250	U	250	30	ug/L			04/17/13 16:10	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			04/17/13 16:10	250
Ethylene Dibromide	250	U	250	60	ug/L			04/17/13 16:10	250
Dichlorodifluoromethane	250	U	250	78	ug/L			04/17/13 16:10	250
<b>cis-1,2-Dichloroethene</b>	<b>6400</b>		250	43	ug/L			04/17/13 16:10	250
<b>trans-1,2-Dichloroethene</b>	<b>140</b>	<b>J</b>	250	48	ug/L			04/17/13 16:10	250
Isopropylbenzene	250	U	250	33	ug/L			04/17/13 16:10	250
Methyl acetate	2500	U	2500	95	ug/L			04/17/13 16:10	250
Methyl tert-butyl ether	250	U	250	43	ug/L			04/17/13 16:10	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			04/17/13 16:10	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			04/17/13 16:10	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			04/17/13 16:10	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			04/17/13 16:10	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			04/17/13 16:10	250
Trichlorofluoromethane	250	U *	250	53	ug/L			04/17/13 16:10	250
Chlorodibromomethane	250	U	250	45	ug/L			04/17/13 16:10	250
Methylcyclohexane	250	U	250	33	ug/L			04/17/13 16:10	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		63 - 129		04/17/13 16:10	250
<i>4-Bromofluorobenzene (Surr)</i>	75		66 - 117		04/17/13 16:10	250
<i>Toluene-d8 (Surr)</i>	85		74 - 115		04/17/13 16:10	250
<i>Dibromofluoromethane (Surr)</i>	89		75 - 121		04/17/13 16:10	250

**Client Sample ID: GW-041013-SM-015**

**Date Collected: 04/10/13 10:45**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-17**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			04/17/13 16:33	250
<b>Benzene</b>	<b>39</b>	<b>J B</b>	250	33	ug/L			04/17/13 16:33	250
Dichlorobromomethane	250	U	250	38	ug/L			04/17/13 16:33	250
Bromoform	250	U	250	160	ug/L			04/17/13 16:33	250
Bromomethane	250	U	250	100	ug/L			04/17/13 16:33	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			04/17/13 16:33	250
Carbon disulfide	250	U	250	33	ug/L			04/17/13 16:33	250
Carbon tetrachloride	250	U	250	33	ug/L			04/17/13 16:33	250
Chlorobenzene	250	U	250	38	ug/L			04/17/13 16:33	250
Chloroethane	250	U	250	73	ug/L			04/17/13 16:33	250
Chloroform	250	U	250	40	ug/L			04/17/13 16:33	250
Chloromethane	250	U	250	75	ug/L			04/17/13 16:33	250
<b>1,1-Dichloroethane</b>	<b>150</b>	<b>J</b>	250	38	ug/L			04/17/13 16:33	250
1,2-Dichloroethane	250	U	250	55	ug/L			04/17/13 16:33	250
1,1-Dichloroethene	250	U	250	48	ug/L			04/17/13 16:33	250
1,2-Dichloropropane	250	U	250	45	ug/L			04/17/13 16:33	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-015**

**Date Collected: 04/10/13 10:45**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-17**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	250	U	250	35	ug/L			04/17/13 16:33	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			04/17/13 16:33	250
Ethylbenzene	250	U	250	43	ug/L			04/17/13 16:33	250
2-Hexanone	2500	U	2500	100	ug/L			04/17/13 16:33	250
<b>Methylene Chloride</b>	<b>180</b>	<b>J B</b>	250	83	ug/L			04/17/13 16:33	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			04/17/13 16:33	250
Styrene	250	U	250	28	ug/L			04/17/13 16:33	250
1,1,2,2-Tetrachloroethane	250	U	250	45	ug/L			04/17/13 16:33	250
Tetrachloroethene	250	U	250	73	ug/L			04/17/13 16:33	250
Toluene	250	U	250	33	ug/L			04/17/13 16:33	250
<b>Trichloroethene</b>	<b>1900</b>		250	43	ug/L			04/17/13 16:33	250
<b>Vinyl chloride</b>	<b>190</b>	<b>J</b>	250	55	ug/L			04/17/13 16:33	250
Xylenes, Total	500	U	500	70	ug/L			04/17/13 16:33	250
1,1,1-Trichloroethane	250	U	250	55	ug/L			04/17/13 16:33	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			04/17/13 16:33	250
Cyclohexane	250	U	250	30	ug/L			04/17/13 16:33	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			04/17/13 16:33	250
Ethylene Dibromide	250	U	250	60	ug/L			04/17/13 16:33	250
Dichlorodifluoromethane	250	U	250	78	ug/L			04/17/13 16:33	250
<b>cis-1,2-Dichloroethene</b>	<b>6100</b>		250	43	ug/L			04/17/13 16:33	250
<b>trans-1,2-Dichloroethene</b>	<b>130</b>	<b>J</b>	250	48	ug/L			04/17/13 16:33	250
Isopropylbenzene	250	U	250	33	ug/L			04/17/13 16:33	250
Methyl acetate	2500	U	2500	95	ug/L			04/17/13 16:33	250
Methyl tert-butyl ether	250	U	250	43	ug/L			04/17/13 16:33	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			04/17/13 16:33	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			04/17/13 16:33	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			04/17/13 16:33	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			04/17/13 16:33	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			04/17/13 16:33	250
Trichlorofluoromethane	250	U *	250	53	ug/L			04/17/13 16:33	250
Chlorodibromomethane	250	U	250	45	ug/L			04/17/13 16:33	250
Methylcyclohexane	250	U	250	33	ug/L			04/17/13 16:33	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		04/17/13 16:33	250
4-Bromofluorobenzene (Surr)	75		66 - 117		04/17/13 16:33	250
Toluene-d8 (Surr)	84		74 - 115		04/17/13 16:33	250
Dibromofluoromethane (Surr)	89		75 - 121		04/17/13 16:33	250

**Client Sample ID: GW-041013-SM-016**

**Date Collected: 04/10/13 11:43**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-18**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>8.0</b>	<b>J</b>	6.7	7.3	ug/L			04/17/13 16:56	6.67
<b>Benzene</b>	<b>0.94</b>	<b>J B</b>	6.7	0.87	ug/L			04/17/13 16:56	6.67
Dichlorobromomethane	6.7	U	6.7	1.0	ug/L			04/17/13 16:56	6.67
Bromoform	6.7	U	6.7	4.3	ug/L			04/17/13 16:56	6.67
Bromomethane	6.7	U	6.7	2.7	ug/L			04/17/13 16:56	6.67
2-Butanone (MEK)	6.7	U	6.7	3.8	ug/L			04/17/13 16:56	6.67
Carbon disulfide	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-016**

**Lab Sample ID: 240-23038-18**

**Date Collected: 04/10/13 11:43**

**Matrix: Water**

**Date Received: 04/11/13 08:00**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67
Chlorobenzene	6.7	U	6.7	1.0	ug/L			04/17/13 16:56	6.67
Chloroethane	6.7	U	6.7	1.9	ug/L			04/17/13 16:56	6.67
Chloroform	6.7	U	6.7	1.1	ug/L			04/17/13 16:56	6.67
Chloromethane	6.7	U	6.7	2.0	ug/L			04/17/13 16:56	6.67
1,1-Dichloroethane	6.7	U	6.7	1.0	ug/L			04/17/13 16:56	6.67
1,2-Dichloroethane	6.7	U	6.7	1.5	ug/L			04/17/13 16:56	6.67
1,1-Dichloroethene	6.7	U	6.7	1.3	ug/L			04/17/13 16:56	6.67
1,2-Dichloropropane	6.7	U	6.7	1.2	ug/L			04/17/13 16:56	6.67
cis-1,3-Dichloropropene	6.7	U	6.7	0.93	ug/L			04/17/13 16:56	6.67
trans-1,3-Dichloropropene	6.7	U	6.7	1.3	ug/L			04/17/13 16:56	6.67
Ethylbenzene	6.7	U	6.7	1.1	ug/L			04/17/13 16:56	6.67
2-Hexanone	67	U	67	2.7	ug/L			04/17/13 16:56	6.67
<b>Methylene Chloride</b>	<b>4.8</b>	<b>J B</b>	6.7	2.2	ug/L			04/17/13 16:56	6.67
4-Methyl-2-pentanone (MIBK)	67	U	67	2.1	ug/L			04/17/13 16:56	6.67
Styrene	6.7	U	6.7	0.73	ug/L			04/17/13 16:56	6.67
1,1,1,2-Tetrachloroethane	6.7	U	6.7	1.2	ug/L			04/17/13 16:56	6.67
Tetrachloroethene	6.7	U	6.7	1.9	ug/L			04/17/13 16:56	6.67
Toluene	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67
Trichloroethene	6.7	U	6.7	1.1	ug/L			04/17/13 16:56	6.67
<b>Vinyl chloride</b>	<b>170</b>		6.7	1.5	ug/L			04/17/13 16:56	6.67
Xylenes, Total	13	U	13	1.9	ug/L			04/17/13 16:56	6.67
1,1,1-Trichloroethane	6.7	U	6.7	1.5	ug/L			04/17/13 16:56	6.67
1,1,2-Trichloroethane	6.7	U	6.7	1.8	ug/L			04/17/13 16:56	6.67
Cyclohexane	6.7	U	6.7	0.80	ug/L			04/17/13 16:56	6.67
1,2-Dibromo-3-Chloropropane	13	U	13	4.5	ug/L			04/17/13 16:56	6.67
Ethylene Dibromide	6.7	U	6.7	1.6	ug/L			04/17/13 16:56	6.67
Dichlorodifluoromethane	6.7	U	6.7	2.1	ug/L			04/17/13 16:56	6.67
<b>cis-1,2-Dichloroethene</b>	<b>130</b>		6.7	1.1	ug/L			04/17/13 16:56	6.67
trans-1,2-Dichloroethene	6.7	U	6.7	1.3	ug/L			04/17/13 16:56	6.67
Isopropylbenzene	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67
Methyl acetate	67	U	67	2.5	ug/L			04/17/13 16:56	6.67
Methyl tert-butyl ether	6.7	U	6.7	1.1	ug/L			04/17/13 16:56	6.67
1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	U	6.7	1.9	ug/L			04/17/13 16:56	6.67
1,2,4-Trichlorobenzene	6.7	U	6.7	1.0	ug/L			04/17/13 16:56	6.67
1,2-Dichlorobenzene	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67
1,3-Dichlorobenzene	6.7	U	6.7	0.93	ug/L			04/17/13 16:56	6.67
1,4-Dichlorobenzene	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67
Trichlorofluoromethane	6.7	U *	6.7	1.4	ug/L			04/17/13 16:56	6.67
Chlorodibromomethane	6.7	U	6.7	1.2	ug/L			04/17/13 16:56	6.67
Methylcyclohexane	6.7	U	6.7	0.87	ug/L			04/17/13 16:56	6.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129					04/17/13 16:56	6.67
4-Bromofluorobenzene (Surr)	75		66 - 117					04/17/13 16:56	6.67
Toluene-d8 (Surr)	84		74 - 115					04/17/13 16:56	6.67
Dibromofluoromethane (Surr)	90		75 - 121					04/17/13 16:56	6.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-041013-SM-017**

**Date Collected: 04/10/13 12:25**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-19**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/17/13 17:18	1
Benzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/17/13 17:18	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/17/13 17:18	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/17/13 17:18	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/17/13 17:18	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 17:18	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/17/13 17:18	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/17/13 17:18	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/17/13 17:18	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/17/13 17:18	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 17:18	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 17:18	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/17/13 17:18	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/17/13 17:18	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/17/13 17:18	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/17/13 17:18	1
2-Hexanone	10	U	10	0.41	ug/L			04/17/13 17:18	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/17/13 17:18	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/17/13 17:18	1
Styrene	1.0	U	1.0	0.11	ug/L			04/17/13 17:18	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/17/13 17:18	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/17/13 17:18	1
Toluene	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 17:18	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/17/13 17:18	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/17/13 17:18	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 17:18	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/17/13 17:18	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/17/13 17:18	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/17/13 17:18	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/17/13 17:18	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/17/13 17:18	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 17:18	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 17:18	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
Methyl acetate	10	U	10	0.38	ug/L			04/17/13 17:18	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/17/13 17:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/17/13 17:18	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 17:18	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/17/13 17:18	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1
Trichlorofluoromethane	1.0	U*	1.0	0.21	ug/L			04/17/13 17:18	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/17/13 17:18	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/17/13 17:18	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		04/17/13 17:18	1
4-Bromofluorobenzene (Surr)	74		66 - 117		04/17/13 17:18	1
Toluene-d8 (Surr)	82		74 - 115		04/17/13 17:18	1
Dibromofluoromethane (Surr)	91		75 - 121		04/17/13 17:18	1

**Client Sample ID: GW-041013-SM-018**

**Lab Sample ID: 240-23038-20**

**Date Collected: 04/10/13 13:12**

**Matrix: Water**

**Date Received: 04/11/13 08:00**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			04/17/13 17:41	1
Benzene	0.26	J B	1.0	0.13	ug/L			04/17/13 17:41	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/17/13 17:41	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/17/13 17:41	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/17/13 17:41	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/17/13 17:41	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 17:41	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/17/13 17:41	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/17/13 17:41	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/17/13 17:41	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/17/13 17:41	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 17:41	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 17:41	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/17/13 17:41	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/17/13 17:41	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/17/13 17:41	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/17/13 17:41	1
2-Hexanone	10	U	10	0.41	ug/L			04/17/13 17:41	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/17/13 17:41	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/17/13 17:41	1
Styrene	1.0	U	1.0	0.11	ug/L			04/17/13 17:41	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/17/13 17:41	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/17/13 17:41	1
Toluene	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 17:41	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/17/13 17:41	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/17/13 17:41	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 17:41	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/17/13 17:41	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/17/13 17:41	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/17/13 17:41	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/17/13 17:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/17/13 17:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 17:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 17:41	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1
Methyl acetate	10	U	10	0.38	ug/L			04/17/13 17:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/17/13 17:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/17/13 17:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 17:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-018**

**Date Collected: 04/10/13 13:12**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-20**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/17/13 17:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1
Trichlorofluoromethane	1.0	U *	1.0	0.21	ug/L			04/17/13 17:41	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/17/13 17:41	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/17/13 17:41	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	91		63 - 129					04/17/13 17:41	1
4-Bromofluorobenzene (Surr)	73		66 - 117					04/17/13 17:41	1
Toluene-d8 (Surr)	82		74 - 115					04/17/13 17:41	1
Dibromofluoromethane (Surr)	88		75 - 121					04/17/13 17:41	1

**Client Sample ID: GW-041013-SM-020**

**Date Collected: 04/10/13 14:15**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-22**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.8	J	10	1.1	ug/L			04/17/13 18:04	1
Benzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/17/13 18:04	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/17/13 18:04	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/17/13 18:04	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/17/13 18:04	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 18:04	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/17/13 18:04	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/17/13 18:04	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/17/13 18:04	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/17/13 18:04	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 18:04	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 18:04	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/17/13 18:04	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/17/13 18:04	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/17/13 18:04	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/17/13 18:04	1
2-Hexanone	10	U	10	0.41	ug/L			04/17/13 18:04	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/17/13 18:04	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/17/13 18:04	1
Styrene	1.0	U	1.0	0.11	ug/L			04/17/13 18:04	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/17/13 18:04	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/17/13 18:04	1
Toluene	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 18:04	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/17/13 18:04	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/17/13 18:04	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 18:04	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/17/13 18:04	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/17/13 18:04	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/17/13 18:04	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/17/13 18:04	1

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041013-SM-020**

**Date Collected: 04/10/13 14:15**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-22**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/17/13 18:04	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 18:04	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 18:04	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Methyl acetate	10	U	10	0.38	ug/L			04/17/13 18:04	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/17/13 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/17/13 18:04	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 18:04	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/17/13 18:04	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Trichlorofluoromethane	1.0	U*	1.0	0.21	ug/L			04/17/13 18:04	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/17/13 18:04	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/17/13 18:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		63 - 129					04/17/13 18:04	1
4-Bromofluorobenzene (Surr)	76		66 - 117					04/17/13 18:04	1
Toluene-d8 (Surr)	83		74 - 115					04/17/13 18:04	1
Dibromofluoromethane (Surr)	92		75 - 121					04/17/13 18:04	1

**Client Sample ID: RB-041013-SM-002**

**Date Collected: 04/10/13 10:50**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-23**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.3	J	10	1.1	ug/L			04/17/13 18:26	1
Benzene	0.15	J B	1.0	0.13	ug/L			04/17/13 18:26	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/17/13 18:26	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/17/13 18:26	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/17/13 18:26	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/17/13 18:26	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 18:26	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/17/13 18:26	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/17/13 18:26	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/17/13 18:26	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/17/13 18:26	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 18:26	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 18:26	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/17/13 18:26	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/17/13 18:26	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/17/13 18:26	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/17/13 18:26	1
2-Hexanone	10	U	10	0.41	ug/L			04/17/13 18:26	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/17/13 18:26	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/17/13 18:26	1
Styrene	1.0	U	1.0	0.11	ug/L			04/17/13 18:26	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/17/13 18:26	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/17/13 18:26	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-041013-SM-002**

**Date Collected: 04/10/13 10:50**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-23**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 18:26	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/17/13 18:26	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/17/13 18:26	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 18:26	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/17/13 18:26	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/17/13 18:26	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/17/13 18:26	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/17/13 18:26	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/17/13 18:26	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 18:26	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 18:26	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1
Methyl acetate	10	U	10	0.38	ug/L			04/17/13 18:26	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/17/13 18:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/17/13 18:26	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 18:26	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/17/13 18:26	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1
Trichlorofluoromethane	1.0	U*	1.0	0.21	ug/L			04/17/13 18:26	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/17/13 18:26	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/17/13 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		04/17/13 18:26	1
4-Bromofluorobenzene (Surr)	74		66 - 117		04/17/13 18:26	1
Toluene-d8 (Surr)	80		74 - 115		04/17/13 18:26	1
Dibromofluoromethane (Surr)	92		75 - 121		04/17/13 18:26	1

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 6010B - Metals (ICP) - Dissolved

**Client Sample ID: GW-041013-SM-017**

**Date Collected: 04/10/13 12:25**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-19**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.0	U	5.0	2.2	ug/L		04/12/13 08:52	04/15/13 19:12	1
Copper	25	U	25	4.5	ug/L		04/12/13 08:52	04/15/13 19:12	1
Nickel	40	U	40	3.2	ug/L		04/12/13 08:52	04/15/13 19:12	1
Lead	3.0	U	3.0	1.9	ug/L		04/12/13 08:52	04/15/13 19:12	1
<b>Zinc</b>	<b>8.3</b>	<b>J B</b>	50	5.0	ug/L		04/12/13 08:52	04/15/13 19:12	1

**Client Sample ID: GW-041013-SM-018**

**Date Collected: 04/10/13 13:12**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-20**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.0	U	5.0	2.2	ug/L		04/12/13 08:52	04/15/13 19:16	1
Copper	25	U	25	4.5	ug/L		04/12/13 08:52	04/15/13 19:16	1
Nickel	40	U	40	3.2	ug/L		04/12/13 08:52	04/15/13 19:16	1
Lead	3.0	U	3.0	1.9	ug/L		04/12/13 08:52	04/15/13 19:16	1
<b>Zinc</b>	<b>14</b>	<b>J B</b>	50	5.0	ug/L		04/12/13 08:52	04/15/13 19:16	1

**Client Sample ID: GW-041013-SM-019**

**Date Collected: 04/10/13 13:20**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-21**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.0	U	5.0	2.2	ug/L		04/12/13 08:52	04/15/13 19:20	1
Copper	25	U	25	4.5	ug/L		04/12/13 08:52	04/15/13 19:20	1
Nickel	40	U	40	3.2	ug/L		04/12/13 08:52	04/15/13 19:20	1
Lead	3.0	U	3.0	1.9	ug/L		04/12/13 08:52	04/15/13 19:20	1
<b>Zinc</b>	<b>22</b>	<b>J B</b>	50	5.0	ug/L		04/12/13 08:52	04/15/13 19:20	1

**Client Sample ID: GW-041013-SM-020**

**Date Collected: 04/10/13 14:15**

**Date Received: 04/11/13 08:00**

**Lab Sample ID: 240-23038-22**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.0	U	5.0	2.2	ug/L		04/12/13 08:52	04/15/13 17:37	1
Copper	25	U	25	4.5	ug/L		04/12/13 08:52	04/15/13 17:37	1
Nickel	40	U	40	3.2	ug/L		04/12/13 08:52	04/15/13 17:37	1
Lead	3.0	U	3.0	1.9	ug/L		04/12/13 08:52	04/15/13 17:37	1
<b>Zinc</b>	<b>7.7</b>	<b>J B</b>	50	5.0	ug/L		04/12/13 08:52	04/15/13 17:37	1

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## General Chemistry - Dissolved

Client Sample ID: GW-041013-SM-017

Date Collected: 04/10/13 12:25

Date Received: 04/11/13 08:00

Lab Sample ID: 240-23038-19

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			04/11/13 10:00	1

Client Sample ID: GW-041013-SM-018

Date Collected: 04/10/13 13:12

Date Received: 04/11/13 08:00

Lab Sample ID: 240-23038-20

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			04/11/13 10:02	1

Client Sample ID: GW-041013-SM-019

Date Collected: 04/10/13 13:20

Date Received: 04/11/13 08:00

Lab Sample ID: 240-23038-21

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			04/11/13 10:05	1

Client Sample ID: GW-041013-SM-020

Date Collected: 04/10/13 14:15

Date Received: 04/11/13 08:00

Lab Sample ID: 240-23038-22

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.020	U	0.020	0.0020	mg/L			04/11/13 10:07	1

# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-23038-1	GW-040913-SM-001	89	74	81	86
240-23038-2	GW-040913-SM-002	95	76	85	90
240-23038-3	GW-040913-SM-003	92	75	84	91
240-23038-4	GW-040913-SM-004	94	78	86	91
240-23038-5	GW-040913-SM-005	87	73	82	88
240-23038-6	GW-040913-SM-006	91	74	83	89
240-23038-7	GW-040913-SM-007	95	75	85	91
240-23038-8	GW-040913-SM-008	91	76	83	89
240-23038-9	GW-040913-SM-009	88	76	85	87
240-23038-9 MS	GW-040913-SM-009	82	88	89	87
240-23038-9 MSD	GW-040913-SM-009	82	88	88	84
240-23038-10	GW-040913-SM-010	97	84	85	95
240-23038-11	GW-040913-SM-011	89	79	85	87
240-23038-11 MS	GW-040913-SM-011	88	91	90	89
240-23038-11 MSD	GW-040913-SM-011	87	93	93	90
240-23038-12	RB-040913-SM-001	109	85	95	110
240-23038-13	TB-040913-SM-001	90	74	81	89
240-23038-14	GW-041013-SM-012	88	73	80	85
240-23038-15	GW-041013-SM-013	91	76	84	87
240-23038-16	GW-041013-SM-014	91	75	85	89
240-23038-17	GW-041013-SM-015	91	75	84	89
240-23038-18	GW-041013-SM-016	91	75	84	90
240-23038-19	GW-041013-SM-017	93	74	82	91
240-23038-20	GW-041013-SM-018	91	73	82	88
240-23038-22	GW-041013-SM-020	95	76	83	92
240-23038-23	RB-041013-SM-002	93	74	80	92
LCS 240-82116/4	Lab Control Sample	84	91	90	86
LCS 240-82343/4	Lab Control Sample	83	88	89	86
MB 240-82116/6	Method Blank	88	78	86	86
MB 240-82343/6	Method Blank	90	78	83	88

**Surrogate Legend**

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- TOL = Toluene-d8 (Surr)
- DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-82116/6**

**Matrix: Water**

**Analysis Batch: 82116**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/16/13 13:59	1
Benzene	0.141	J	1.0	0.13	ug/L			04/16/13 13:59	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/16/13 13:59	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/16/13 13:59	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/16/13 13:59	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/16/13 13:59	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/16/13 13:59	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/16/13 13:59	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/16/13 13:59	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/16/13 13:59	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/16/13 13:59	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/16/13 13:59	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/16/13 13:59	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/16/13 13:59	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/16/13 13:59	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/16/13 13:59	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/16/13 13:59	1
2-Hexanone	10	U	10	0.41	ug/L			04/16/13 13:59	1
Methylene Chloride	0.858	J	1.0	0.33	ug/L			04/16/13 13:59	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/16/13 13:59	1
Styrene	1.0	U	1.0	0.11	ug/L			04/16/13 13:59	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/16/13 13:59	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/16/13 13:59	1
Toluene	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/16/13 13:59	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/16/13 13:59	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/16/13 13:59	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/16/13 13:59	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/16/13 13:59	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/16/13 13:59	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/16/13 13:59	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/16/13 13:59	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/16/13 13:59	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/16/13 13:59	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/16/13 13:59	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1
Methyl acetate	10	U	10	0.38	ug/L			04/16/13 13:59	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/16/13 13:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/16/13 13:59	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/16/13 13:59	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/16/13 13:59	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/16/13 13:59	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/16/13 13:59	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/16/13 13:59	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-82116/6

Matrix: Water

Analysis Batch: 82116

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		04/16/13 13:59	1
4-Bromofluorobenzene (Surr)	78		66 - 117		04/16/13 13:59	1
Toluene-d8 (Surr)	86		74 - 115		04/16/13 13:59	1
Dibromofluoromethane (Surr)	86		75 - 121		04/16/13 13:59	1

Lab Sample ID: LCS 240-82116/4

Matrix: Water

Analysis Batch: 82116

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	15.9		ug/L		80	43 - 136
Benzene	10.0	10.2		ug/L		102	83 - 112
Dichlorobromomethane	10.0	9.81		ug/L		98	72 - 121
Bromoform	10.0	8.84		ug/L		88	40 - 131
Bromomethane	10.0	10.3		ug/L		103	11 - 185
2-Butanone (MEK)	20.0	16.8		ug/L		84	60 - 126
Carbon disulfide	10.0	8.39		ug/L		84	62 - 142
Carbon tetrachloride	10.0	10.1		ug/L		101	66 - 128
Chlorobenzene	10.0	10.1		ug/L		101	85 - 110
Chloroethane	10.0	6.24		ug/L		62	25 - 153
Chloroform	10.0	9.52		ug/L		95	79 - 117
Chloromethane	10.0	9.67		ug/L		97	44 - 126
1,1-Dichloroethane	10.0	9.45		ug/L		94	82 - 115
1,2-Dichloroethane	10.0	9.57		ug/L		96	71 - 127
1,1-Dichloroethene	10.0	9.34		ug/L		93	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	9.25		ug/L		93	61 - 115
trans-1,3-Dichloropropene	10.0	8.74		ug/L		87	58 - 117
Ethylbenzene	10.0	10.0		ug/L		100	83 - 112
2-Hexanone	20.0	17.6		ug/L		88	55 - 133
Methylene Chloride	10.0	9.43		ug/L		94	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	17.3		ug/L		86	63 - 128
Styrene	10.0	9.21		ug/L		92	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.34		ug/L		83	68 - 118
Tetrachloroethene	10.0	10.3		ug/L		103	79 - 114
Toluene	10.0	9.52		ug/L		95	84 - 111
Trichloroethene	10.0	10.0		ug/L		100	76 - 117
Vinyl chloride	10.0	9.25		ug/L		92	53 - 127
Xylenes, Total	30.0	30.4		ug/L		101	83 - 112
1,1,1-Trichloroethane	10.0	8.90		ug/L		89	74 - 118
1,1,2-Trichloroethane	10.0	9.85		ug/L		98	80 - 112
Cyclohexane	10.0	8.81		ug/L		88	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.79		ug/L		78	42 - 136
Ethylene Dibromide	10.0	9.14		ug/L		91	79 - 113
Dichlorodifluoromethane	10.0	11.0		ug/L		110	19 - 129
cis-1,2-Dichloroethene	10.0	9.42		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.38		ug/L		94	83 - 117
Isopropylbenzene	10.0	9.54		ug/L		95	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-82116/4**

**Matrix: Water**

**Analysis Batch: 82116**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	9.40	J	ug/L		94	58 - 131
Methyl tert-butyl ether	10.0	7.79		ug/L		78	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	13.3		ug/L		133	74 - 151
1,2,4-Trichlorobenzene	10.0	9.15		ug/L		92	48 - 135
1,2-Dichlorobenzene	10.0	9.78		ug/L		98	81 - 110
1,3-Dichlorobenzene	10.0	9.78		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	9.57		ug/L		96	82 - 110
Trichlorofluoromethane	10.0	19.0	*	ug/L		190	49 - 157
Chlorodibromomethane	10.0	9.47		ug/L		95	64 - 119
Methylcyclohexane	10.0	8.39		ug/L		84	56 - 127
m-Xylene & p-Xylene	20.0	20.4		ug/L		102	83 - 113
o-Xylene	10.0	9.95		ug/L		99	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 117
Toluene-d8 (Surr)	90		74 - 115
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: 240-23038-11 MS**

**Matrix: Water**

**Analysis Batch: 82116**

**Client Sample ID: GW-040913-SM-011**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	100	U	200	161		ug/L		80	33 - 145
Benzene	10	U	100	103		ug/L		103	72 - 121
Dichlorobromomethane	10	U	100	99.4		ug/L		99	67 - 120
Bromoform	10	U	100	82.0		ug/L		82	32 - 128
Bromomethane	10	U	100	112		ug/L		112	10 - 186
2-Butanone (MEK)	100	U	200	163		ug/L		81	54 - 129
Carbon disulfide	10	U	100	84.1		ug/L		84	57 - 147
Carbon tetrachloride	10	U	100	99.6		ug/L		100	59 - 129
Chlorobenzene	10	U	100	99.3		ug/L		99	80 - 110
Chloroethane	10	U	100	66.1		ug/L		66	21 - 165
Chloroform	10	U	100	98.4		ug/L		98	76 - 118
Chloromethane	10	U	100	100		ug/L		100	33 - 132
1,1-Dichloroethane	10	U	100	99.0		ug/L		99	79 - 116
1,2-Dichloroethane	10	U	100	100		ug/L		100	68 - 129
1,1-Dichloroethene	10	U	100	93.5		ug/L		94	74 - 135
1,2-Dichloropropane	10	U	100	104		ug/L		104	78 - 115
cis-1,3-Dichloropropene	10	U	100	82.3		ug/L		82	51 - 110
trans-1,3-Dichloropropene	10	U	100	79.0		ug/L		79	46 - 116
Ethylbenzene	10	U	100	95.7		ug/L		96	75 - 116
2-Hexanone	100	U	200	156		ug/L		78	47 - 139
Methylene Chloride	7.0	J B	100	101		ug/L		94	63 - 128
4-Methyl-2-pentanone (MIBK)	100	U	200	159		ug/L		79	56 - 131
Styrene	10	U	100	90.4		ug/L		90	71 - 117

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-23038-11 MS**

**Matrix: Water**

**Analysis Batch: 82116**

**Client Sample ID: GW-040913-SM-011**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	10	U	100	82.8		ug/L		83	63 - 122
Tetrachloroethene	10	U	100	101		ug/L		101	70 - 117
Toluene	10	U	100	95.3		ug/L		95	78 - 114
Trichloroethene	5.9	J	100	107		ug/L		101	66 - 120
Vinyl chloride	10	U	100	95.5		ug/L		95	49 - 130
Xylenes, Total	20	U	300	298		ug/L		99	76 - 116
1,1,1-Trichloroethane	10	U	100	87.6		ug/L		88	68 - 121
1,1,2-Trichloroethane	10	U	100	98.0		ug/L		98	75 - 115
Cyclohexane	10	U	100	86.2		ug/L		86	49 - 123
1,2-Dibromo-3-Chloropropane	20	U	100	69.4		ug/L		69	32 - 139
Ethylene Dibromide	10	U	100	90.5		ug/L		90	74 - 113
Dichlorodifluoromethane	10	U	100	111		ug/L		111	17 - 128
cis-1,2-Dichloroethene	210		100	300		ug/L		94	70 - 120
trans-1,2-Dichloroethene	2.5	J	100	95.4		ug/L		93	80 - 119
Isopropylbenzene	10	U	100	90.3		ug/L		90	68 - 116
Methyl acetate	100	U	100	94.7	J	ug/L		95	47 - 130
Methyl tert-butyl ether	10	U	100	73.1		ug/L		73	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	100	137		ug/L		137	70 - 152
1,2,4-Trichlorobenzene	10	U	100	79.4		ug/L		79	38 - 138
1,2-Dichlorobenzene	10	U	100	94.9		ug/L		95	75 - 111
1,3-Dichlorobenzene	10	U	100	93.6		ug/L		94	73 - 110
1,4-Dichlorobenzene	10	U	100	93.5		ug/L		93	75 - 110
Trichlorofluoromethane	10	U *	100	196	F	ug/L		196	46 - 157
Chlorodibromomethane	10	U	100	92.5		ug/L		93	56 - 118
Methylcyclohexane	10	U	100	82.4		ug/L		82	49 - 127
m-Xylene & p-Xylene	20		200	201		ug/L		101	75 - 117
o-Xylene	10		100	96.8		ug/L		97	76 - 116

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 117
Toluene-d8 (Surr)	90		74 - 115
Dibromofluoromethane (Surr)	89		75 - 121

**Lab Sample ID: 240-23038-11 MSD**

**Matrix: Water**

**Analysis Batch: 82116**

**Client Sample ID: GW-040913-SM-011**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	100	U	200	173		ug/L		86	33 - 145	7	30
Benzene	10	U	100	107		ug/L		107	72 - 121	3	30
Dichlorobromomethane	10	U	100	101		ug/L		101	67 - 120	2	30
Bromoform	10	U	100	88.7		ug/L		89	32 - 128	8	30
Bromomethane	10	U	100	122		ug/L		122	10 - 186	9	30
2-Butanone (MEK)	100	U	200	170		ug/L		85	54 - 129	4	30
Carbon disulfide	10	U	100	88.5		ug/L		88	57 - 147	5	30
Carbon tetrachloride	10	U	100	107		ug/L		107	59 - 129	8	30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-23038-11 MSD

Client Sample ID: GW-040913-SM-011

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 82116

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chlorobenzene	10	U	100	103		ug/L		103	80 - 110	4	30
Chloroethane	10	U	100	68.7		ug/L		69	21 - 165	4	30
Chloroform	10	U	100	100		ug/L		100	76 - 118	2	30
Chloromethane	10	U	100	103		ug/L		103	33 - 132	3	30
1,1-Dichloroethane	10	U	100	102		ug/L		102	79 - 116	3	30
1,2-Dichloroethane	10	U	100	102		ug/L		102	68 - 129	1	30
1,1-Dichloroethene	10	U	100	97.6		ug/L		98	74 - 135	4	30
1,2-Dichloropropane	10	U	100	108		ug/L		108	78 - 115	4	30
cis-1,3-Dichloropropene	10	U	100	87.7		ug/L		88	51 - 110	6	30
trans-1,3-Dichloropropene	10	U	100	85.3		ug/L		85	46 - 116	8	30
Ethylbenzene	10	U	100	102		ug/L		102	75 - 116	7	30
2-Hexanone	100	U	200	171		ug/L		85	47 - 139	9	30
Methylene Chloride	7.0	J B	100	103		ug/L		96	63 - 128	2	30
4-Methyl-2-pentanone (MIBK)	100	U	200	164		ug/L		82	56 - 131	3	30
Styrene	10	U	100	94.8		ug/L		95	71 - 117	5	30
1,1,2,2-Tetrachloroethane	10	U	100	83.6		ug/L		84	63 - 122	1	30
Tetrachloroethene	10	U	100	105		ug/L		105	70 - 117	4	30
Toluene	10	U	100	99.8		ug/L		100	78 - 114	5	30
Trichloroethene	5.9	J	100	110		ug/L		105	66 - 120	4	30
Vinyl chloride	10	U	100	102		ug/L		102	49 - 130	7	30
Xylenes, Total	20	U	300	314		ug/L		105	76 - 116	5	30
1,1,1-Trichloroethane	10	U	100	93.2		ug/L		93	68 - 121	6	30
1,1,2-Trichloroethane	10	U	100	101		ug/L		101	75 - 115	3	30
Cyclohexane	10	U	100	91.1		ug/L		91	49 - 123	5	30
1,2-Dibromo-3-Chloropropane	20	U	100	72.4		ug/L		72	32 - 139	4	30
Ethylene Dibromide	10	U	100	94.5		ug/L		95	74 - 113	4	30
Dichlorodifluoromethane	10	U	100	117		ug/L		117	17 - 128	6	30
cis-1,2-Dichloroethene	210		100	311		ug/L		106	70 - 120	4	30
trans-1,2-Dichloroethene	2.5	J	100	99.9		ug/L		97	80 - 119	5	30
Isopropylbenzene	10	U	100	96.6		ug/L		97	68 - 116	7	30
Methyl acetate	100	U	100	96.6	J	ug/L		97	47 - 130	2	30
Methyl tert-butyl ether	10	U	100	77.1		ug/L		77	46 - 144	5	30
1,1,2-Trichloro-1,2,2-trifluoroethane	10	U	100	143		ug/L		143	70 - 152	4	30
1,2,4-Trichlorobenzene	10	U	100	86.0		ug/L		86	38 - 138	8	30
1,2-Dichlorobenzene	10	U	100	101		ug/L		101	75 - 111	6	30
1,3-Dichlorobenzene	10	U	100	97.1		ug/L		97	73 - 110	4	30
1,4-Dichlorobenzene	10	U	100	97.3		ug/L		97	75 - 110	4	30
Trichlorofluoromethane	10	U *	100	207	F	ug/L		207	46 - 157	5	30
Chlorodibromomethane	10	U	100	95.1		ug/L		95	56 - 118	3	30
Methylcyclohexane	10	U	100	89.0		ug/L		89	49 - 127	8	30
m-Xylene & p-Xylene	20		200	212		ug/L		106	75 - 117	5	30
o-Xylene	10		100	102		ug/L		102	76 - 116	5	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
4-Bromofluorobenzene (Surr)	93		66 - 117
Toluene-d8 (Surr)	93		74 - 115

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-23038-11 MSD**

**Matrix: Water**

**Analysis Batch: 82116**

**Client Sample ID: GW-040913-SM-011**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
<i>Dibromofluoromethane (Surr)</i>	90		75 - 121

**Lab Sample ID: MB 240-82343/6**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	10	U	10	1.1	ug/L			04/17/13 14:17	1
Benzene	0.132	J	1.0	0.13	ug/L			04/17/13 14:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/17/13 14:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/17/13 14:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/17/13 14:17	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/17/13 14:17	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 14:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/17/13 14:17	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/17/13 14:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/17/13 14:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/17/13 14:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 14:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 14:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/17/13 14:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/17/13 14:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/17/13 14:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/17/13 14:17	1
2-Hexanone	10	U	10	0.41	ug/L			04/17/13 14:17	1
Methylene Chloride	0.740	J	1.0	0.33	ug/L			04/17/13 14:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/17/13 14:17	1
Styrene	1.0	U	1.0	0.11	ug/L			04/17/13 14:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/17/13 14:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/17/13 14:17	1
Toluene	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 14:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/17/13 14:17	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/17/13 14:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/17/13 14:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/17/13 14:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/17/13 14:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/17/13 14:17	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/17/13 14:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/17/13 14:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/17/13 14:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/17/13 14:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1
Methyl acetate	10	U	10	0.38	ug/L			04/17/13 14:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/17/13 14:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/17/13 14:17	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-82343/6**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/17/13 14:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/17/13 14:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/17/13 14:17	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/17/13 14:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/17/13 14:17	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		04/17/13 14:17	1
4-Bromofluorobenzene (Surr)	78		66 - 117		04/17/13 14:17	1
Toluene-d8 (Surr)	83		74 - 115		04/17/13 14:17	1
Dibromofluoromethane (Surr)	88		75 - 121		04/17/13 14:17	1

**Lab Sample ID: LCS 240-82343/4**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.80		ug/L		98	83 - 112
Dichlorobromomethane	10.0	9.43		ug/L		94	72 - 121
Bromoform	10.0	8.33		ug/L		83	40 - 131
Bromomethane	10.0	10.0		ug/L		100	11 - 185
2-Butanone (MEK)	20.0	15.6		ug/L		78	60 - 126
Carbon disulfide	10.0	7.99		ug/L		80	62 - 142
Carbon tetrachloride	10.0	9.98		ug/L		100	66 - 128
Chlorobenzene	10.0	9.61		ug/L		96	85 - 110
Chloroethane	10.0	6.17		ug/L		62	25 - 153
Chloroform	10.0	9.10		ug/L		91	79 - 117
Chloromethane	10.0	9.21		ug/L		92	44 - 126
1,1-Dichloroethane	10.0	9.12		ug/L		91	82 - 115
1,2-Dichloroethane	10.0	9.12		ug/L		91	71 - 127
1,1-Dichloroethene	10.0	9.14		ug/L		91	78 - 131
1,2-Dichloropropane	10.0	9.76		ug/L		98	81 - 115
cis-1,3-Dichloropropene	10.0	8.61		ug/L		86	61 - 115
trans-1,3-Dichloropropene	10.0	8.25		ug/L		83	58 - 117
Ethylbenzene	10.0	9.27		ug/L		93	83 - 112
2-Hexanone	20.0	16.2		ug/L		81	55 - 133
Methylene Chloride	10.0	9.03		ug/L		90	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.2		ug/L		81	63 - 128
Styrene	10.0	8.69		ug/L		87	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.10		ug/L		81	68 - 118
Tetrachloroethene	10.0	10.0		ug/L		100	79 - 114
Toluene	10.0	9.14		ug/L		91	84 - 111
Trichloroethene	10.0	9.75		ug/L		98	76 - 117
Vinyl chloride	10.0	8.82		ug/L		88	53 - 127
Xylenes, Total	30.0	28.6		ug/L		95	83 - 112

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-82343/4**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	8.57		ug/L		86	74 - 118
1,1,2-Trichloroethane	10.0	9.21		ug/L		92	80 - 112
Cyclohexane	10.0	9.09		ug/L		91	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.55		ug/L		75	42 - 136
Ethylene Dibromide	10.0	8.60		ug/L		86	79 - 113
Dichlorodifluoromethane	10.0	10.9		ug/L		109	19 - 129
cis-1,2-Dichloroethene	10.0	8.97		ug/L		90	80 - 113
trans-1,2-Dichloroethene	10.0	8.93		ug/L		89	83 - 117
Isopropylbenzene	10.0	9.02		ug/L		90	75 - 114
Methyl acetate	10.0	9.02	J	ug/L		90	58 - 131
Methyl tert-butyl ether	10.0	7.31		ug/L		73	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	14.1		ug/L		141	74 - 151
1,2,4-Trichlorobenzene	10.0	8.60		ug/L		86	48 - 135
1,2-Dichlorobenzene	10.0	9.44		ug/L		94	81 - 110
1,3-Dichlorobenzene	10.0	9.25		ug/L		93	80 - 110
1,4-Dichlorobenzene	10.0	9.20		ug/L		92	82 - 110
Trichlorofluoromethane	10.0	19.9	*	ug/L		199	49 - 157
Chlorodibromomethane	10.0	8.98		ug/L		90	64 - 119
Methylcyclohexane	10.0	9.14		ug/L		91	56 - 127
m-Xylene & p-Xylene	20.0	19.3		ug/L		96	83 - 113
o-Xylene	10.0	9.30		ug/L		93	83 - 113

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	83		63 - 129
4-Bromofluorobenzene (Surr)	88		66 - 117
Toluene-d8 (Surr)	89		74 - 115
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: 240-23038-9 MS**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: GW-040913-SM-009**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	5000	U	10000	8060		ug/L		81	33 - 145
Benzene	120	J B	5000	5060		ug/L		99	72 - 121
Dichlorobromomethane	500	U	5000	4790		ug/L		96	67 - 120
Bromoform	500	U	5000	4080		ug/L		82	32 - 128
Bromomethane	500	U	5000	4930		ug/L		99	10 - 186
2-Butanone (MEK)	5000	U	10000	8070		ug/L		81	54 - 129
Carbon disulfide	500	U	5000	4300		ug/L		86	57 - 147
Carbon tetrachloride	500	U	5000	4730		ug/L		95	59 - 129
Chlorobenzene	500	U	5000	4900		ug/L		98	80 - 110
Chloroethane	500	U	5000	3220		ug/L		64	21 - 165
Chloroform	500	U	5000	4810		ug/L		96	76 - 118
Chloromethane	500	U	5000	4660		ug/L		93	33 - 132
1,1-Dichloroethane	310	J	5000	5120		ug/L		96	79 - 116
1,2-Dichloroethane	500	U	5000	4750		ug/L		95	68 - 129

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-23038-9 MS**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: GW-040913-SM-009**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethene	180	J	5000	4860		ug/L		94	74 - 135
1,2-Dichloropropane	500	U	5000	5160		ug/L		103	78 - 115
cis-1,3-Dichloropropene	500	U	5000	4230		ug/L		85	51 - 110
trans-1,3-Dichloropropene	500	U	5000	3980		ug/L		80	46 - 116
Ethylbenzene	500	U	5000	4790		ug/L		96	75 - 116
2-Hexanone	5000	U	10000	8210		ug/L		82	47 - 139
Methylene Chloride	370	J B	5000	4740		ug/L		87	63 - 128
4-Methyl-2-pentanone (MIBK)	5000	U	10000	8330		ug/L		83	56 - 131
Styrene	500	U	5000	4390		ug/L		88	71 - 117
1,1,2,2-Tetrachloroethane	500	U	5000	4080		ug/L		82	63 - 122
Tetrachloroethene	500	U	5000	4930		ug/L		99	70 - 117
Toluene	500	U	5000	4750		ug/L		95	78 - 114
Trichloroethene	13000		5000	17400		ug/L		85	66 - 120
Vinyl chloride	500	U	5000	4660		ug/L		93	49 - 130
Xylenes, Total	1000	U	15000	14800		ug/L		99	76 - 116
1,1,1-Trichloroethane	590		5000	5000		ug/L		88	68 - 121
1,1,2-Trichloroethane	500	U	5000	4750		ug/L		95	75 - 115
Cyclohexane	500	U	5000	4640		ug/L		93	49 - 123
1,2-Dibromo-3-Chloropropane	1000	U	5000	3810		ug/L		76	32 - 139
Ethylene Dibromide	500	U	5000	4410		ug/L		88	74 - 113
Dichlorodifluoromethane	500	U	5000	5250		ug/L		105	17 - 128
cis-1,2-Dichloroethene	6200		5000	11000		ug/L		95	70 - 120
trans-1,2-Dichloroethene	500	U	5000	4720		ug/L		94	80 - 119
Isopropylbenzene	500	U	5000	4750		ug/L		95	68 - 116
Methyl acetate	5000	U	5000	4670	J	ug/L		93	47 - 130
Methyl tert-butyl ether	500	U	5000	3930		ug/L		79	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	500	U	5000	6470		ug/L		129	70 - 152
1,2,4-Trichlorobenzene	500	U	5000	4620		ug/L		92	38 - 138
1,2-Dichlorobenzene	500	U	5000	4920		ug/L		98	75 - 111
1,3-Dichlorobenzene	500	U	5000	4820		ug/L		96	73 - 110
1,4-Dichlorobenzene	500	U	5000	4670		ug/L		93	75 - 110
Trichlorofluoromethane	500	U *	5000	8070	F	ug/L		161	46 - 157
Chlorodibromomethane	500	U	5000	4420		ug/L		88	56 - 118
Methylcyclohexane	500	U	5000	4610		ug/L		92	49 - 127
m-Xylene & p-Xylene	1000		10000	9930		ug/L		99	75 - 117
o-Xylene	500		5000	4870		ug/L		97	76 - 116

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	82		63 - 129
4-Bromofluorobenzene (Surr)	88		66 - 117
Toluene-d8 (Surr)	89		74 - 115
Dibromofluoromethane (Surr)	87		75 - 121

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-23038-9 MSD**

**Matrix: Water**

**Analysis Batch: 82343**

**Client Sample ID: GW-040913-SM-009**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier		Result	Qualifier				Limits		Limit
Acetone	5000	U	10000	7770		ug/L		78	33 - 145	4	30
Benzene	120	J B	5000	4960		ug/L		97	72 - 121	2	30
Dichlorobromomethane	500	U	5000	4640		ug/L		93	67 - 120	3	30
Bromoform	500	U	5000	4000		ug/L		80	32 - 128	2	30
Bromomethane	500	U	5000	4650		ug/L		93	10 - 186	6	30
2-Butanone (MEK)	5000	U	10000	7600		ug/L		76	54 - 129	6	30
Carbon disulfide	500	U	5000	4240		ug/L		85	57 - 147	1	30
Carbon tetrachloride	500	U	5000	4650		ug/L		93	59 - 129	2	30
Chlorobenzene	500	U	5000	4830		ug/L		97	80 - 110	2	30
Chloroethane	500	U	5000	2880		ug/L		58	21 - 165	11	30
Chloroform	500	U	5000	4610		ug/L		92	76 - 118	4	30
Chloromethane	500	U	5000	4320		ug/L		86	33 - 132	8	30
1,1-Dichloroethane	310	J	5000	4940		ug/L		93	79 - 116	4	30
1,2-Dichloroethane	500	U	5000	4600		ug/L		92	68 - 129	3	30
1,1-Dichloroethene	180	J	5000	4750		ug/L		91	74 - 135	2	30
1,2-Dichloropropane	500	U	5000	5000		ug/L		100	78 - 115	3	30
cis-1,3-Dichloropropene	500	U	5000	4200		ug/L		84	51 - 110	1	30
trans-1,3-Dichloropropene	500	U	5000	3950		ug/L		79	46 - 116	1	30
Ethylbenzene	500	U	5000	4670		ug/L		93	75 - 116	2	30
2-Hexanone	5000	U	10000	8150		ug/L		82	47 - 139	1	30
Methylene Chloride	370	J B	5000	4540		ug/L		83	63 - 128	4	30
4-Methyl-2-pentanone (MIBK)	5000	U	10000	8170		ug/L		82	56 - 131	2	30
Styrene	500	U	5000	4330		ug/L		87	71 - 117	1	30
1,1,2,2-Tetrachloroethane	500	U	5000	4080		ug/L		82	63 - 122	0	30
Tetrachloroethene	500	U	5000	4850		ug/L		97	70 - 117	2	30
Toluene	500	U	5000	4640		ug/L		93	78 - 114	2	30
Trichloroethene	13000		5000	17600		ug/L		87	66 - 120	1	30
Vinyl chloride	500	U	5000	4610		ug/L		92	49 - 130	1	30
Xylenes, Total	1000	U	15000	14400		ug/L		96	76 - 116	3	30
1,1,1-Trichloroethane	590		5000	4830		ug/L		85	68 - 121	3	30
1,1,2-Trichloroethane	500	U	5000	4530		ug/L		91	75 - 115	5	30
Cyclohexane	500	U	5000	4580		ug/L		92	49 - 123	1	30
1,2-Dibromo-3-Chloropropane	1000	U	5000	3650		ug/L		73	32 - 139	4	30
Ethylene Dibromide	500	U	5000	4360		ug/L		87	74 - 113	1	30
Dichlorodifluoromethane	500	U	5000	5030		ug/L		101	17 - 128	4	30
cis-1,2-Dichloroethene	6200		5000	10800		ug/L		92	70 - 120	2	30
trans-1,2-Dichloroethene	500	U	5000	4570		ug/L		91	80 - 119	3	30
Isopropylbenzene	500	U	5000	4620		ug/L		92	68 - 116	3	30
Methyl acetate	5000	U	5000	4590	J	ug/L		92	47 - 130	2	30
Methyl tert-butyl ether	500	U	5000	3820		ug/L		76	46 - 144	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	500	U	5000	6520		ug/L		130	70 - 152	1	30
1,2,4-Trichlorobenzene	500	U	5000	4630		ug/L		93	38 - 138	0	30
1,2-Dichlorobenzene	500	U	5000	4740		ug/L		95	75 - 111	4	30
1,3-Dichlorobenzene	500	U	5000	4640		ug/L		93	73 - 110	4	30
1,4-Dichlorobenzene	500	U	5000	4530		ug/L		91	75 - 110	3	30
Trichlorofluoromethane	500	U *	5000	7850		ug/L		157	46 - 157	3	30
Chlorodibromomethane	500	U	5000	4350		ug/L		87	56 - 118	2	30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-23038-9 MSD

Matrix: Water

Analysis Batch: 82343

Client Sample ID: GW-040913-SM-009

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Methylcyclohexane	500	U	5000	4480		ug/L		90	49 - 127	3	30
m-Xylene & p-Xylene	1000		10000	9650		ug/L		96	75 - 117	3	30
o-Xylene	500		5000	4760		ug/L		95	76 - 116	2	30
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1,2-Dichloroethane-d4 (Surr)	82		63 - 129								
4-Bromofluorobenzene (Surr)	88		66 - 117								
Toluene-d8 (Surr)	88		74 - 115								
Dibromofluoromethane (Surr)	84		75 - 121								

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-81667/1-A

Matrix: Water

Analysis Batch: 82049

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 81667

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chromium	5.0	U	5.0	2.2	ug/L		04/12/13 08:52	04/15/13 17:22	1
Copper	25	U	25	4.5	ug/L		04/12/13 08:52	04/15/13 17:22	1
Nickel	40	U	40	3.2	ug/L		04/12/13 08:52	04/15/13 17:22	1
Lead	3.0	U	3.0	1.9	ug/L		04/12/13 08:52	04/15/13 17:22	1
Zinc	19.0	J	50	5.0	ug/L		04/12/13 08:52	04/15/13 17:22	1

Lab Sample ID: LCS 240-81667/2-A

Matrix: Water

Analysis Batch: 82049

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 81667

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Chromium	200	189		ug/L		95	80 - 120
Copper	250	241		ug/L		97	80 - 120
Nickel	500	480		ug/L		96	80 - 120
Lead	500	463		ug/L		93	80 - 120
Zinc	500	496		ug/L		99	80 - 120

Lab Sample ID: 240-23038-22 MS

Matrix: Water

Analysis Batch: 82049

Client Sample ID: GW-041013-SM-020

Prep Type: Dissolved

Prep Batch: 81667

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Chromium	5.0	U	200	198		ug/L		99	75 - 125
Copper	25	U	250	256		ug/L		102	75 - 125
Nickel	40	U	500	503		ug/L		101	75 - 125
Lead	3.0	U	500	479		ug/L		96	75 - 125
Zinc	7.7	J B	500	508		ug/L		100	75 - 125

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 240-23038-22 MSD

Matrix: Water

Analysis Batch: 82049

Client Sample ID: GW-041013-SM-020

Prep Type: Dissolved

Prep Batch: 81667

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Chromium	5.0	U	200	199		ug/L		99	75 - 125	0	20
Copper	25	U	250	256		ug/L		103	75 - 125	0	20
Nickel	40	U	500	506		ug/L		101	75 - 125	1	20
Lead	3.0	U	500	481		ug/L		96	75 - 125	0	20
Zinc	7.7	J B	500	515		ug/L		101	75 - 125	1	20

## Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 240-81452/3

Matrix: Water

Analysis Batch: 81452

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Cr (VI)	0.020	U	0.020	0.0020	mg/L			04/11/13 08:20	1

Lab Sample ID: LCS 240-81452/4

Matrix: Water

Analysis Batch: 81452

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
		Result	Qualifier				Limits
Cr (VI)	0.250	0.259		mg/L		104	80 - 118

Lab Sample ID: 240-23038-22 MS

Matrix: Water

Analysis Batch: 81452

Client Sample ID: GW-041013-SM-020

Prep Type: Dissolved

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier		Result	Qualifier				Limits
Cr (VI)	0.020	U	0.250	0.155		mg/L		62	41 - 136

Lab Sample ID: 240-23038-22 MSD

Matrix: Water

Analysis Batch: 81452

Client Sample ID: GW-041013-SM-020

Prep Type: Dissolved

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier		Result	Qualifier				Limits		
Cr (VI)	0.020	U	0.250	0.167		mg/L		67	41 - 136	7	20

TestAmerica Canton

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## GC/MS VOA

### Analysis Batch: 82116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23038-1	GW-040913-SM-001	Total/NA	Water	8260B	
240-23038-2	GW-040913-SM-002	Total/NA	Water	8260B	
240-23038-3	GW-040913-SM-003	Total/NA	Water	8260B	
240-23038-4	GW-040913-SM-004	Total/NA	Water	8260B	
240-23038-5	GW-040913-SM-005	Total/NA	Water	8260B	
240-23038-6	GW-040913-SM-006	Total/NA	Water	8260B	
240-23038-7	GW-040913-SM-007	Total/NA	Water	8260B	
240-23038-8	GW-040913-SM-008	Total/NA	Water	8260B	
240-23038-10	GW-040913-SM-010	Total/NA	Water	8260B	
240-23038-11	GW-040913-SM-011	Total/NA	Water	8260B	
240-23038-11 MS	GW-040913-SM-011	Total/NA	Water	8260B	
240-23038-11 MSD	GW-040913-SM-011	Total/NA	Water	8260B	
240-23038-12	RB-040913-SM-001	Total/NA	Water	8260B	
LCS 240-82116/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-82116/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 82343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23038-9	GW-040913-SM-009	Total/NA	Water	8260B	
240-23038-9 MS	GW-040913-SM-009	Total/NA	Water	8260B	
240-23038-9 MSD	GW-040913-SM-009	Total/NA	Water	8260B	
240-23038-13	TB-040913-SM-001	Total/NA	Water	8260B	
240-23038-14	GW-041013-SM-012	Total/NA	Water	8260B	
240-23038-15	GW-041013-SM-013	Total/NA	Water	8260B	
240-23038-16	GW-041013-SM-014	Total/NA	Water	8260B	
240-23038-17	GW-041013-SM-015	Total/NA	Water	8260B	
240-23038-18	GW-041013-SM-016	Total/NA	Water	8260B	
240-23038-19	GW-041013-SM-017	Total/NA	Water	8260B	
240-23038-20	GW-041013-SM-018	Total/NA	Water	8260B	
240-23038-22	GW-041013-SM-020	Total/NA	Water	8260B	
240-23038-23	RB-041013-SM-002	Total/NA	Water	8260B	
LCS 240-82343/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-82343/6	Method Blank	Total/NA	Water	8260B	

## Metals

### Prep Batch: 81667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23038-19	GW-041013-SM-017	Dissolved	Water	3005A	
240-23038-20	GW-041013-SM-018	Dissolved	Water	3005A	
240-23038-21	GW-041013-SM-019	Dissolved	Water	3005A	
240-23038-22	GW-041013-SM-020	Dissolved	Water	3005A	
240-23038-22 MS	GW-041013-SM-020	Dissolved	Water	3005A	
240-23038-22 MSD	GW-041013-SM-020	Dissolved	Water	3005A	
LCS 240-81667/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-81667/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 82049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23038-19	GW-041013-SM-017	Dissolved	Water	6010B	81667

TestAmerica Canton

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Metals (Continued)

### Analysis Batch: 82049 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23038-20	GW-041013-SM-018	Dissolved	Water	6010B	81667
240-23038-21	GW-041013-SM-019	Dissolved	Water	6010B	81667
240-23038-22	GW-041013-SM-020	Dissolved	Water	6010B	81667
240-23038-22 MS	GW-041013-SM-020	Dissolved	Water	6010B	81667
240-23038-22 MSD	GW-041013-SM-020	Dissolved	Water	6010B	81667
LCS 240-81667/2-A	Lab Control Sample	Total Recoverable	Water	6010B	81667
MB 240-81667/1-A	Method Blank	Total Recoverable	Water	6010B	81667

## General Chemistry

### Analysis Batch: 81452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23038-19	GW-041013-SM-017	Dissolved	Water	7196A	
240-23038-20	GW-041013-SM-018	Dissolved	Water	7196A	
240-23038-21	GW-041013-SM-019	Dissolved	Water	7196A	
240-23038-22	GW-041013-SM-020	Dissolved	Water	7196A	
240-23038-22 MS	GW-041013-SM-020	Dissolved	Water	7196A	
240-23038-22 MSD	GW-041013-SM-020	Dissolved	Water	7196A	
LCS 240-81452/4	Lab Control Sample	Total/NA	Water	7196A	
MB 240-81452/3	Method Blank	Total/NA	Water	7196A	

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

**Client Sample ID: GW-040913-SM-001**

**Lab Sample ID: 240-23038-1**

Date Collected: 04/09/13 08:45

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	82116	04/16/13 17:47	LW	TAL CAN

**Client Sample ID: GW-040913-SM-002**

**Lab Sample ID: 240-23038-2**

Date Collected: 04/09/13 09:20

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	82116	04/16/13 18:09	LW	TAL CAN

**Client Sample ID: GW-040913-SM-003**

**Lab Sample ID: 240-23038-3**

Date Collected: 04/09/13 10:00

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	82116	04/16/13 18:32	LW	TAL CAN

**Client Sample ID: GW-040913-SM-004**

**Lab Sample ID: 240-23038-4**

Date Collected: 04/09/13 10:40

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8	82116	04/16/13 18:54	LW	TAL CAN

**Client Sample ID: GW-040913-SM-005**

**Lab Sample ID: 240-23038-5**

Date Collected: 04/09/13 11:20

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		83.33	82116	04/16/13 19:16	LW	TAL CAN

**Client Sample ID: GW-040913-SM-006**

**Lab Sample ID: 240-23038-6**

Date Collected: 04/09/13 12:00

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		166.67	82116	04/16/13 19:39	LW	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

**Client Sample ID: GW-040913-SM-007**

**Lab Sample ID: 240-23038-7**

Date Collected: 04/09/13 12:45

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		166.67	82116	04/16/13 20:01	LW	TAL CAN

**Client Sample ID: GW-040913-SM-008**

**Lab Sample ID: 240-23038-8**

Date Collected: 04/09/13 12:50

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		166.67	82116	04/16/13 20:23	LW	TAL CAN

**Client Sample ID: GW-040913-SM-009**

**Lab Sample ID: 240-23038-9**

Date Collected: 04/09/13 13:25

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	82343	04/17/13 14:39	LW	TAL CAN

**Client Sample ID: GW-040913-SM-010**

**Lab Sample ID: 240-23038-10**

Date Collected: 04/09/13 14:16

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	82116	04/16/13 21:08	LW	TAL CAN

**Client Sample ID: GW-040913-SM-011**

**Lab Sample ID: 240-23038-11**

Date Collected: 04/09/13 15:15

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	82116	04/16/13 14:22	LW	TAL CAN

**Client Sample ID: RB-040913-SM-001**

**Lab Sample ID: 240-23038-12**

Date Collected: 04/09/13 12:45

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82116	04/16/13 21:30	LW	TAL CAN

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

**Client Sample ID: TB-040913-SM-001**

**Lab Sample ID: 240-23038-13**

Date Collected: 04/09/13 15:20

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82343	04/17/13 15:02	LW	TAL CAN

**Client Sample ID: GW-041013-SM-012**

**Lab Sample ID: 240-23038-14**

Date Collected: 04/10/13 09:00

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		33.33	82343	04/17/13 15:25	LW	TAL CAN

**Client Sample ID: GW-041013-SM-013**

**Lab Sample ID: 240-23038-15**

Date Collected: 04/10/13 10:00

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		16.67	82343	04/17/13 15:48	LW	TAL CAN

**Client Sample ID: GW-041013-SM-014**

**Lab Sample ID: 240-23038-16**

Date Collected: 04/10/13 10:40

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	82343	04/17/13 16:10	LW	TAL CAN

**Client Sample ID: GW-041013-SM-015**

**Lab Sample ID: 240-23038-17**

Date Collected: 04/10/13 10:45

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	82343	04/17/13 16:33	LW	TAL CAN

**Client Sample ID: GW-041013-SM-016**

**Lab Sample ID: 240-23038-18**

Date Collected: 04/10/13 11:43

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	82343	04/17/13 16:56	LW	TAL CAN

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Client Sample ID: GW-041013-SM-017

Lab Sample ID: 240-23038-19

Date Collected: 04/10/13 12:25

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82343	04/17/13 17:18	LW	TAL CAN
Dissolved	Prep	3005A			81667	04/12/13 08:52	LM	TAL CAN
Dissolved	Analysis	6010B		1	82049	04/15/13 19:12	KC	TAL CAN
Dissolved	Analysis	7196A		1	81452	04/11/13 10:00	NP	TAL CAN

## Client Sample ID: GW-041013-SM-018

Lab Sample ID: 240-23038-20

Date Collected: 04/10/13 13:12

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82343	04/17/13 17:41	LW	TAL CAN
Dissolved	Prep	3005A			81667	04/12/13 08:52	LM	TAL CAN
Dissolved	Analysis	6010B		1	82049	04/15/13 19:16	KC	TAL CAN
Dissolved	Analysis	7196A		1	81452	04/11/13 10:02	NP	TAL CAN

## Client Sample ID: GW-041013-SM-019

Lab Sample ID: 240-23038-21

Date Collected: 04/10/13 13:20

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			81667	04/12/13 08:52	LM	TAL CAN
Dissolved	Analysis	6010B		1	82049	04/15/13 19:20	KC	TAL CAN
Dissolved	Analysis	7196A		1	81452	04/11/13 10:05	NP	TAL CAN

## Client Sample ID: GW-041013-SM-020

Lab Sample ID: 240-23038-22

Date Collected: 04/10/13 14:15

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82343	04/17/13 18:04	LW	TAL CAN
Dissolved	Prep	3005A			81667	04/12/13 08:52	LM	TAL CAN
Dissolved	Analysis	6010B		1	82049	04/15/13 17:37	KC	TAL CAN
Dissolved	Analysis	7196A		1	81452	04/11/13 10:07	NP	TAL CAN

## Client Sample ID: RB-041013-SM-002

Lab Sample ID: 240-23038-23

Date Collected: 04/10/13 10:50

Matrix: Water

Date Received: 04/11/13 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82343	04/17/13 18:26	LW	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23038-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13



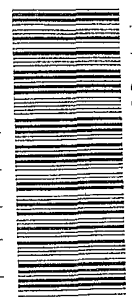
**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO: IN-03070  
PAGE 1 OF 2  
(See Reverse Side for Instructions)

Project No./Phase/Task Code: 017302-107		Laboratory Name: Test America		Lab Location: North Canton		SSOW ID: 132007	
Project Name: DELPHI I		Lab Contact: Denise Hecker		Lab Quote No:		Cooler No:	
Project Location: Anderson IN		SAMPLE TYPE:		CONTAINER QUANTITY & PRESERVATION:		ANALYSIS REQUESTED (See Back of COC for Definitions)	
Chemistry Contact: Deborah Andrusko		Matrix Code		Unpreserved		Hydrochloric Acid (HCl)	
Sampler(s): Sam Melcosky		(see back of COC)		Nitric Acid (HNO <sub>3</sub> )		Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	
DATE (mm/dd/yyyy)		Grab (g) or Comp (c)		Sodium Hydroxide (NaOH)		Methanol/Water (Soil)	
TIME (hh:mm)		Other:		EnCores 3x5-g, 1x25-g		Total Containers/Sample	
1	Gw-040913-SM-001	04/09/13	WG	3		3	VOC
2	-002			3		3	X
3	-003			7		3	X
4	-004			3		3	X
5	-005			3		3	X
6	-006			3		3	X
7	-007			3		3	X
8	-008			3		3	X
9	-009			3		3	X
10	-010			3		3	X
11	Gw-040913-SM-011			9		9	X
12	RB-040913-SM-001		RB	3		3	X
13	TB-070913-SM-001	07/09/13	TB	2		2	X
14	Gw-041013-SM-012	04/10/13		3		3	X
15	Gw-071013-SM-013	07/10/13	WG	3		3	X



240-23038 Chain of Custody

Carrier: Fedex  
Airbill No: 80203719917  
Date Shipped: 4/10/17

MS/MSD Request

COMMENTS/SPECIAL INSTRUCTIONS:

Notes/ Special Requirements:

Total Number of Containers: \_\_\_\_\_

All Samples in Cooler must be on COC

RELEASING BY: \_\_\_\_\_ DATE: 4/10/13 COMPANY: CRA

RECEIVED BY: \_\_\_\_\_ DATE: 4-11-13 COMPANY: TA

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

Distribution: WHITE - Fully Executed Copy (CRA) YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampling Crew

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

CRA Form: COC-10A (20110804)



**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO: **IN-03241**  
PAGE **2** OF **2**  
(See Reverse Side for Instructions)

Project No/Phase/Task Code: <b>017302-707</b>		Laboratory Name: <b>Vest America</b>		Lab Location: <b>North Canton</b>		SSOW ID: <b>130007</b>				
Project Name: <b>Delphi</b>		Lab Contact: <b>Dense Hecker</b>		Lab Quote No:		Cooler No:				
Project Location: <b>Andersa IN</b>		Container Quantity & Preservation:		Analysis Requested (See Back of COC for Definitions)		Carrier: <b>Fedex</b>				
Chemistry Contact: <b>Deborah Andrasco</b>		Sample Type		Total Containers/Sample		Airbill No:				
Sampler(s): <b>Sam Melcosky</b>		Matrix Code		Other:		Date Shipped: <b>4/19/13</b>				
SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		(see back of COC)		EnCores 3x5-g, 1x25-g		COMMENTS/ SPECIAL INSTRUCTIONS:				
Item	DATE (mm/dd/yyyy)	TIME (hh:mm)	Grab (g) or Comp (c)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO <sub>3</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sodium Hydroxide	Methanol/Water (Soil)	VOC
1	07/10/13	1040	w6	3						
2		1045		3						
3		1143		3						
4		1225		3						
5		1312		1						
6		1320		1						
7	07/10/13	1415	w6	2						
8	07/10/13	1050	RB	3						
9										
10										
11										
12										
13										
14										

TAT Required in business days (use separate COCs for different TATs):  
 1 Day  2 Days  3 Days  1 Week  2 Week  Other:  
 Relinquished By: **Sam Melcosky** Company: **CRA** Date: **4/24/13** Received By: **Deborah Andrasco** Company: **TA** Date: **4-14-13**



TestAmerica Canton Sample Receipt Form/Narrative

Login # : 23038

Client CRA Site Name By: [Signature]

Cooler Received on 4-11-13 Opened on 4-11-13 (Signature)

FedEx: 1 Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other
TestAmerica Cooler # Foam Box Client Cooler Box Other
Packing material used: Bubble Wrap Foam Plastic Bag None Other
COOLANT: Wet Ice Blue Ice Dry Ice Water None

- 1. Cooler temperature upon receipt
IR GUN# 1 (CF 0°C) Observed Sample Temp. °C Corrected Sample Temp. °C
IR GUN# 4G (CF +1°C) Observed Sample Temp. 30 °C Corrected Sample Temp. 4.0 °C
IR GUN# 5G (CF +1 °C) Observed Sample Temp. °C Corrected Sample Temp. °C
IR GUN# 8 (CF +1°C) Observed Sample Temp. °C Corrected Sample Temp. °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 0 Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM DDH Date 4/11/13 by [Signature] via Verbal Voice Mail Other
Concerning #14

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Received 1x250 ml. (unpreserved) and 1x500ml (nitric) for -017 not on COC. Will log.
Did not receive ms/msb volume for VOC for -020.
No tests marked on COC 03241. Will log per P.M.

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.
Sample(s) were received in a broken container.
Sample(s) were received with bubble >6 mm in diameter. (Notify PM)



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-23217-1

Client Project/Site: 17302-T07, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

4/26/2013 12:46:40 PM

Denise Heckler

Project Manager II

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)



### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	5
Sample Summary . . . . .	6
Detection Summary . . . . .	7
Client Sample Results . . . . .	9
Surrogate Summary . . . . .	19
QC Sample Results . . . . .	20
QC Association Summary . . . . .	26
Lab Chronicle . . . . .	27
Certification Summary . . . . .	29
Chain of Custody . . . . .	30

## Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits
E	Result exceeded calibration range.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)



# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

**Job ID: 240-23217-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302-T07, RACER Delphi Anderson**

**Report Number: 240-23217-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 04/16/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.4 C.

### **VOLATILE ORGANIC COMPOUNDS (GC-MS)**

Samples GW-041213-SM-021 (240-23217-1), GW-041213-SM-022 (240-23217-2), GW-041213-SM-023 (240-23217-3), GW-041213-SM-024 (240-23217-4), RB-041213-SM-001 (240-23217-5), SW-041213-SM-001 (240-23217-6), SW-041213-SM-002 (240-23217-7) and TB-041213-SM-002 (240-23217-8) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/19/2013.

Several analytes failed the recovery criteria for the MS of sample GW-041213-SM-023 (240-23217-3) in batch 240-82586.

Samples GW-041213-SM-023 (240-23217-3)[333.33X] and GW-041213-SM-024 (240-23217-4)[66.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All other quality control parameters were within the acceptance limits.

# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

---

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

---

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-23217-1	GW-041213-SM-021	Water	04/12/13 08:45	04/16/13 09:15
240-23217-2	GW-041213-SM-022	Water	04/12/13 08:50	04/16/13 09:15
240-23217-3	GW-041213-SM-023	Water	04/12/13 10:45	04/16/13 09:15
240-23217-4	GW-041213-SM-024	Water	04/12/13 11:45	04/16/13 09:15
240-23217-5	RB-041213-SM-001	Water	04/12/13 11:50	04/16/13 09:15
240-23217-6	SW-041213-SM-001	Water	04/12/13 10:00	04/16/13 09:15
240-23217-7	SW-041213-SM-002	Water	04/12/13 11:00	04/16/13 09:15
240-23217-8	TB-041213-SM-002	Water	04/12/13 12:10	04/16/13 09:15



# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Client Sample ID: GW-041213-SM-021

Lab Sample ID: 240-23217-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.2	J	10	1.1	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-041213-SM-022

Lab Sample ID: 240-23217-2

No Detections.

## Client Sample ID: GW-041213-SM-023

Lab Sample ID: 240-23217-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	500		330	50	ug/L	333.33		8260B	Total/NA
1,1-Dichloroethene	76	J	330	63	ug/L	333.33		8260B	Total/NA
Trichloroethene	740		330	57	ug/L	333.33		8260B	Total/NA
Vinyl chloride	440		330	73	ug/L	333.33		8260B	Total/NA
1,1,1-Trichloroethane	86	J	330	73	ug/L	333.33		8260B	Total/NA
cis-1,2-Dichloroethene	12000		330	57	ug/L	333.33		8260B	Total/NA
trans-1,2-Dichloroethene	360		330	63	ug/L	333.33		8260B	Total/NA

## Client Sample ID: GW-041213-SM-024

Lab Sample ID: 240-23217-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	62	J	67	10	ug/L	66.67		8260B	Total/NA
Vinyl chloride	690		67	15	ug/L	66.67		8260B	Total/NA
cis-1,2-Dichloroethene	1900		67	11	ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	30	J	67	13	ug/L	66.67		8260B	Total/NA
1,2,4-Trichlorobenzene	18	J	67	10	ug/L	66.67		8260B	Total/NA

## Client Sample ID: RB-041213-SM-001

Lab Sample ID: 240-23217-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.2	J	10	1.1	ug/L	1		8260B	Total/NA
2-Butanone (MEK)	0.80	J	10	0.57	ug/L	1		8260B	Total/NA

## Client Sample ID: SW-041213-SM-001

Lab Sample ID: 240-23217-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.7	J	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.57	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	8.1		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	13		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.49	J	1.0	0.19	ug/L	1		8260B	Total/NA

## Client Sample ID: SW-041213-SM-002

Lab Sample ID: 240-23217-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.5	J	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.33	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	4.6		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.6		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.23	J	1.0	0.19	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

**Client Sample ID: TB-041213-SM-002**

**Lab Sample ID: 240-23217-8**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J	10	1.1	ug/L	1		8260B	Total/NA
Methylene Chloride	2.9		1.0	0.33	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-041213-SM-021**

**Lab Sample ID: 240-23217-1**

**Date Collected: 04/12/13 08:45**

**Matrix: Water**

**Date Received: 04/16/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.2	J	10	1.1	ug/L			04/19/13 05:30	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 05:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 05:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 05:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/19/13 05:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 05:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 05:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 05:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 05:30	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/19/13 05:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 05:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 05:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 05:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 05:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 05:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 05:30	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 05:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/19/13 05:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 05:30	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 05:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 05:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 05:30	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 05:30	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/19/13 05:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 05:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 05:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 05:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 05:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 05:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 05:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 05:30	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 05:30	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 05:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 05:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 05:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 05:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 05:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 05:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 05:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 05:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 05:30	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		04/19/13 05:30	1
4-Bromofluorobenzene (Surr)	90		66 - 117		04/19/13 05:30	1
Toluene-d8 (Surr)	85		74 - 115		04/19/13 05:30	1
Dibromofluoromethane (Surr)	90		75 - 121		04/19/13 05:30	1

**Client Sample ID: GW-041213-SM-022**

**Date Collected: 04/12/13 08:50**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/19/13 05:53	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 05:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 05:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 05:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/19/13 05:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 05:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 05:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 05:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 05:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/19/13 05:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 05:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 05:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 05:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 05:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 05:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 05:53	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 05:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/19/13 05:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 05:53	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 05:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 05:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 05:53	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 05:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/19/13 05:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 05:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 05:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 05:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 05:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 05:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 05:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 05:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 05:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 05:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 05:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 05:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 05:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 05:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041213-SM-022**

**Date Collected: 04/12/13 08:50**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 05:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 05:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 05:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 05:53	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	88		63 - 129					04/19/13 05:53	1
4-Bromofluorobenzene (Surr)	96		66 - 117					04/19/13 05:53	1
Toluene-d8 (Surr)	86		74 - 115					04/19/13 05:53	1
Dibromofluoromethane (Surr)	90		75 - 121					04/19/13 05:53	1

**Client Sample ID: GW-041213-SM-023**

**Date Collected: 04/12/13 10:45**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3300	U	3300	370	ug/L			04/19/13 06:15	333.33
Benzene	330	U	330	43	ug/L			04/19/13 06:15	333.33
Dichlorobromomethane	330	U	330	50	ug/L			04/19/13 06:15	333.33
Bromoform	330	U	330	210	ug/L			04/19/13 06:15	333.33
Bromomethane	330	U	330	140	ug/L			04/19/13 06:15	333.33
2-Butanone (MEK)	3300	U	3300	190	ug/L			04/19/13 06:15	333.33
Carbon disulfide	330	U	330	43	ug/L			04/19/13 06:15	333.33
Carbon tetrachloride	330	U	330	43	ug/L			04/19/13 06:15	333.33
Chlorobenzene	330	U	330	50	ug/L			04/19/13 06:15	333.33
Chloroethane	330	U	330	97	ug/L			04/19/13 06:15	333.33
Chloroform	330	U	330	53	ug/L			04/19/13 06:15	333.33
Chloromethane	330	U	330	100	ug/L			04/19/13 06:15	333.33
<b>1,1-Dichloroethane</b>	<b>500</b>		330	50	ug/L			04/19/13 06:15	333.33
1,2-Dichloroethane	330	U	330	73	ug/L			04/19/13 06:15	333.33
<b>1,1-Dichloroethene</b>	<b>76 J</b>		330	63	ug/L			04/19/13 06:15	333.33
1,2-Dichloropropane	330	U	330	60	ug/L			04/19/13 06:15	333.33
cis-1,3-Dichloropropene	330	U	330	47	ug/L			04/19/13 06:15	333.33
trans-1,3-Dichloropropene	330	U	330	63	ug/L			04/19/13 06:15	333.33
Ethylbenzene	330	U	330	57	ug/L			04/19/13 06:15	333.33
2-Hexanone	3300	U	3300	140	ug/L			04/19/13 06:15	333.33
Methylene Chloride	330	U	330	110	ug/L			04/19/13 06:15	333.33
4-Methyl-2-pentanone (MIBK)	3300	U	3300	110	ug/L			04/19/13 06:15	333.33
Styrene	330	U	330	37	ug/L			04/19/13 06:15	333.33
1,1,2,2-Tetrachloroethane	330	U	330	60	ug/L			04/19/13 06:15	333.33
Tetrachloroethene	330	U	330	97	ug/L			04/19/13 06:15	333.33
Toluene	330	U	330	43	ug/L			04/19/13 06:15	333.33
<b>Trichloroethene</b>	<b>740</b>		330	57	ug/L			04/19/13 06:15	333.33
<b>Vinyl chloride</b>	<b>440</b>		330	73	ug/L			04/19/13 06:15	333.33
Xylenes, Total	670	U	670	93	ug/L			04/19/13 06:15	333.33
<b>1,1,1-Trichloroethane</b>	<b>86 J</b>		330	73	ug/L			04/19/13 06:15	333.33
1,1,2-Trichloroethane	330	U	330	90	ug/L			04/19/13 06:15	333.33
Cyclohexane	330	U	330	40	ug/L			04/19/13 06:15	333.33
1,2-Dibromo-3-Chloropropane	670	U	670	220	ug/L			04/19/13 06:15	333.33
Ethylene Dibromide	330	U	330	80	ug/L			04/19/13 06:15	333.33

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041213-SM-023**

**Date Collected: 04/12/13 10:45**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	330	U	330	100	ug/L			04/19/13 06:15	333.33
<b>cis-1,2-Dichloroethene</b>	<b>12000</b>		330	57	ug/L			04/19/13 06:15	333.33
<b>trans-1,2-Dichloroethene</b>	<b>360</b>		330	63	ug/L			04/19/13 06:15	333.33
Isopropylbenzene	330	U	330	43	ug/L			04/19/13 06:15	333.33
Methyl acetate	3300	U	3300	130	ug/L			04/19/13 06:15	333.33
Methyl tert-butyl ether	330	U	330	57	ug/L			04/19/13 06:15	333.33
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	330	93	ug/L			04/19/13 06:15	333.33
1,2,4-Trichlorobenzene	330	U	330	50	ug/L			04/19/13 06:15	333.33
1,2-Dichlorobenzene	330	U	330	43	ug/L			04/19/13 06:15	333.33
1,3-Dichlorobenzene	330	U	330	47	ug/L			04/19/13 06:15	333.33
1,4-Dichlorobenzene	330	U	330	43	ug/L			04/19/13 06:15	333.33
Trichlorofluoromethane	330	U	330	70	ug/L			04/19/13 06:15	333.33
Chlorodibromomethane	330	U	330	60	ug/L			04/19/13 06:15	333.33
Methylcyclohexane	330	U	330	43	ug/L			04/19/13 06:15	333.33
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	86		63 - 129					04/19/13 06:15	333.33
<i>4-Bromofluorobenzene (Surr)</i>	90		66 - 117					04/19/13 06:15	333.33
<i>Toluene-d8 (Surr)</i>	86		74 - 115					04/19/13 06:15	333.33
<i>Dibromofluoromethane (Surr)</i>	92		75 - 121					04/19/13 06:15	333.33

**Client Sample ID: GW-041213-SM-024**

**Date Collected: 04/12/13 11:45**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	670	U	670	73	ug/L			04/19/13 07:23	66.67
Benzene	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
Dichlorobromomethane	67	U	67	10	ug/L			04/19/13 07:23	66.67
Bromoform	67	U	67	43	ug/L			04/19/13 07:23	66.67
Bromomethane	67	U	67	27	ug/L			04/19/13 07:23	66.67
2-Butanone (MEK)	670	U	670	38	ug/L			04/19/13 07:23	66.67
Carbon disulfide	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
Carbon tetrachloride	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
Chlorobenzene	67	U	67	10	ug/L			04/19/13 07:23	66.67
Chloroethane	67	U	67	19	ug/L			04/19/13 07:23	66.67
Chloroform	67	U	67	11	ug/L			04/19/13 07:23	66.67
Chloromethane	67	U	67	20	ug/L			04/19/13 07:23	66.67
<b>1,1-Dichloroethane</b>	<b>62</b>	<b>J</b>	67	10	ug/L			04/19/13 07:23	66.67
1,2-Dichloroethane	67	U	67	15	ug/L			04/19/13 07:23	66.67
1,1-Dichloroethene	67	U	67	13	ug/L			04/19/13 07:23	66.67
1,2-Dichloropropane	67	U	67	12	ug/L			04/19/13 07:23	66.67
cis-1,3-Dichloropropene	67	U	67	9.3	ug/L			04/19/13 07:23	66.67
trans-1,3-Dichloropropene	67	U	67	13	ug/L			04/19/13 07:23	66.67
Ethylbenzene	67	U	67	11	ug/L			04/19/13 07:23	66.67
2-Hexanone	670	U	670	27	ug/L			04/19/13 07:23	66.67
Methylene Chloride	67	U	67	22	ug/L			04/19/13 07:23	66.67
4-Methyl-2-pentanone (MIBK)	670	U	670	21	ug/L			04/19/13 07:23	66.67
Styrene	67	U	67	7.3	ug/L			04/19/13 07:23	66.67
1,1,2,2-Tetrachloroethane	67	U	67	12	ug/L			04/19/13 07:23	66.67
Tetrachloroethene	67	U	67	19	ug/L			04/19/13 07:23	66.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-041213-SM-024**

**Date Collected: 04/12/13 11:45**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
Trichloroethene	67	U	67	11	ug/L			04/19/13 07:23	66.67
<b>Vinyl chloride</b>	<b>690</b>		67	15	ug/L			04/19/13 07:23	66.67
Xylenes, Total	130	U	130	19	ug/L			04/19/13 07:23	66.67
1,1,1-Trichloroethane	67	U	67	15	ug/L			04/19/13 07:23	66.67
1,1,2-Trichloroethane	67	U	67	18	ug/L			04/19/13 07:23	66.67
Cyclohexane	67	U	67	8.0	ug/L			04/19/13 07:23	66.67
1,2-Dibromo-3-Chloropropane	130	U	130	45	ug/L			04/19/13 07:23	66.67
Ethylene Dibromide	67	U	67	16	ug/L			04/19/13 07:23	66.67
Dichlorodifluoromethane	67	U	67	21	ug/L			04/19/13 07:23	66.67
<b>cis-1,2-Dichloroethene</b>	<b>1900</b>		67	11	ug/L			04/19/13 07:23	66.67
<b>trans-1,2-Dichloroethene</b>	<b>30</b>	<b>J</b>	67	13	ug/L			04/19/13 07:23	66.67
Isopropylbenzene	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
Methyl acetate	670	U	670	25	ug/L			04/19/13 07:23	66.67
Methyl tert-butyl ether	67	U	67	11	ug/L			04/19/13 07:23	66.67
1,1,2-Trichloro-1,2,2-trifluoroethane	67	U	67	19	ug/L			04/19/13 07:23	66.67
<b>1,2,4-Trichlorobenzene</b>	<b>18</b>	<b>J</b>	67	10	ug/L			04/19/13 07:23	66.67
1,2-Dichlorobenzene	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
1,3-Dichlorobenzene	67	U	67	9.3	ug/L			04/19/13 07:23	66.67
1,4-Dichlorobenzene	67	U	67	8.7	ug/L			04/19/13 07:23	66.67
Trichlorofluoromethane	67	U	67	14	ug/L			04/19/13 07:23	66.67
Chlorodibromomethane	67	U	67	12	ug/L			04/19/13 07:23	66.67
Methylcyclohexane	67	U	67	8.7	ug/L			04/19/13 07:23	66.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	84		63 - 129		04/19/13 07:23	66.67
<i>4-Bromofluorobenzene (Surr)</i>	91		66 - 117		04/19/13 07:23	66.67
<i>Toluene-d8 (Surr)</i>	87		74 - 115		04/19/13 07:23	66.67
<i>Dibromofluoromethane (Surr)</i>	89		75 - 121		04/19/13 07:23	66.67

**Client Sample ID: RB-041213-SM-001**

**Date Collected: 04/12/13 11:50**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>3.2</b>	<b>J</b>	10	1.1	ug/L			04/19/13 07:46	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 07:46	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 07:46	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 07:46	1
<b>2-Butanone (MEK)</b>	<b>0.80</b>	<b>J</b>	10	0.57	ug/L			04/19/13 07:46	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 07:46	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 07:46	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 07:46	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 07:46	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/19/13 07:46	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 07:46	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 07:46	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 07:46	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-041213-SM-001**

**Date Collected: 04/12/13 11:50**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 07:46	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 07:46	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 07:46	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 07:46	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/19/13 07:46	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 07:46	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 07:46	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 07:46	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 07:46	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 07:46	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/19/13 07:46	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 07:46	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 07:46	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 07:46	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 07:46	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 07:46	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 07:46	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 07:46	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 07:46	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 07:46	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 07:46	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 07:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 07:46	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 07:46	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 07:46	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 07:46	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 07:46	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 07:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		04/19/13 07:46	1
4-Bromofluorobenzene (Surr)	88		66 - 117		04/19/13 07:46	1
Toluene-d8 (Surr)	87		74 - 115		04/19/13 07:46	1
Dibromofluoromethane (Surr)	90		75 - 121		04/19/13 07:46	1

**Client Sample ID: SW-041213-SM-001**

**Date Collected: 04/12/13 10:00**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.7	J	10	1.1	ug/L			04/19/13 08:09	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 08:09	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 08:09	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 08:09	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/19/13 08:09	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SW-041213-SM-001**

**Date Collected: 04/12/13 10:00**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 08:09	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 08:09	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 08:09	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 08:09	1
<b>1,1-Dichloroethane</b>	<b>0.57</b>	<b>J</b>	1.0	0.15	ug/L			04/19/13 08:09	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 08:09	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 08:09	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 08:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 08:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 08:09	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 08:09	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 08:09	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/19/13 08:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 08:09	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 08:09	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 08:09	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 08:09	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 08:09	1
<b>Vinyl chloride</b>	<b>8.1</b>		1.0	0.22	ug/L			04/19/13 08:09	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 08:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 08:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 08:09	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 08:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 08:09	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 08:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 08:09	1
<b>cis-1,2-Dichloroethene</b>	<b>13</b>		1.0	0.17	ug/L			04/19/13 08:09	1
<b>trans-1,2-Dichloroethene</b>	<b>0.49</b>	<b>J</b>	1.0	0.19	ug/L			04/19/13 08:09	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 08:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 08:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 08:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 08:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 08:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 08:09	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 08:09	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 08:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129					04/19/13 08:09	1
4-Bromofluorobenzene (Surr)	90		66 - 117					04/19/13 08:09	1
Toluene-d8 (Surr)	86		74 - 115					04/19/13 08:09	1
Dibromofluoromethane (Surr)	90		75 - 121					04/19/13 08:09	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: SW-041213-SM-002**

**Date Collected: 04/12/13 11:00**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.5</b>	<b>J</b>	10	1.1	ug/L			04/19/13 08:30	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 08:30	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 08:30	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 08:30	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/19/13 08:30	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 08:30	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 08:30	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 08:30	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 08:30	1
<b>1,1-Dichloroethane</b>	<b>0.33</b>	<b>J</b>	1.0	0.15	ug/L			04/19/13 08:30	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 08:30	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 08:30	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 08:30	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 08:30	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 08:30	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 08:30	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 08:30	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/19/13 08:30	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 08:30	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 08:30	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 08:30	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 08:30	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 08:30	1
<b>Vinyl chloride</b>	<b>4.6</b>		1.0	0.22	ug/L			04/19/13 08:30	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 08:30	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 08:30	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 08:30	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 08:30	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 08:30	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 08:30	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 08:30	1
<b>cis-1,2-Dichloroethene</b>	<b>6.6</b>		1.0	0.17	ug/L			04/19/13 08:30	1
<b>trans-1,2-Dichloroethene</b>	<b>0.23</b>	<b>J</b>	1.0	0.19	ug/L			04/19/13 08:30	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 08:30	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 08:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 08:30	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 08:30	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 08:30	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 08:30	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 08:30	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 08:30	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		04/19/13 08:30	1
4-Bromofluorobenzene (Surr)	92		66 - 117		04/19/13 08:30	1
Toluene-d8 (Surr)	85		74 - 115		04/19/13 08:30	1
Dibromofluoromethane (Surr)	92		75 - 121		04/19/13 08:30	1

**Client Sample ID: TB-041213-SM-002**

**Date Collected: 04/12/13 12:10**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.5</b>	<b>J</b>	10	1.1	ug/L			04/19/13 08:53	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 08:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 08:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 08:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/19/13 08:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 08:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 08:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 08:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 08:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/19/13 08:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 08:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 08:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 08:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 08:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 08:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 08:53	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 08:53	1
<b>Methylene Chloride</b>	<b>2.9</b>		1.0	0.33	ug/L			04/19/13 08:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 08:53	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 08:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 08:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 08:53	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 08:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/19/13 08:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 08:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 08:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 08:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 08:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 08:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 08:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 08:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 08:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 08:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 08:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 08:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 08:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 08:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB-041213-SM-002**

**Date Collected: 04/12/13 12:10**

**Date Received: 04/16/13 09:15**

**Lab Sample ID: 240-23217-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 08:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 08:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 08:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 08:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	86		63 - 129		04/19/13 08:53	1
4-Bromofluorobenzene (Surr)	90		66 - 117		04/19/13 08:53	1
Toluene-d8 (Surr)	85		74 - 115		04/19/13 08:53	1
Dibromofluoromethane (Surr)	91		75 - 121		04/19/13 08:53	1

# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(63-129)	(66-117)	(74-115)	(75-121)
240-23217-1	GW-041213-SM-021	88	90	85	90
240-23217-2	GW-041213-SM-022	88	96	86	90
240-23217-3	GW-041213-SM-023	86	90	86	92
240-23217-3 MS	GW-041213-SM-023	86	95	88	88
240-23217-3 MSD	GW-041213-SM-023	84	101	89	89
240-23217-4	GW-041213-SM-024	84	91	87	89
240-23217-5	RB-041213-SM-001	87	88	87	90
240-23217-6	SW-041213-SM-001	87	90	86	90
240-23217-7	SW-041213-SM-002	87	92	85	92
240-23217-8	TB-041213-SM-002	86	90	85	91
LCS 240-82586/4	Lab Control Sample	85	100	88	88
MB 240-82586/5	Method Blank	85	92	86	90

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-82586/5**

**Matrix: Water**

**Analysis Batch: 82586**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			04/19/13 00:38	1
Benzene	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			04/19/13 00:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			04/19/13 00:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			04/19/13 00:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			04/19/13 00:38	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 00:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			04/19/13 00:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			04/19/13 00:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			04/19/13 00:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			04/19/13 00:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 00:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 00:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			04/19/13 00:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			04/19/13 00:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			04/19/13 00:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			04/19/13 00:38	1
2-Hexanone	10	U	10	0.41	ug/L			04/19/13 00:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			04/19/13 00:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			04/19/13 00:38	1
Styrene	1.0	U	1.0	0.11	ug/L			04/19/13 00:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			04/19/13 00:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			04/19/13 00:38	1
Toluene	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 00:38	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			04/19/13 00:38	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			04/19/13 00:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			04/19/13 00:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			04/19/13 00:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			04/19/13 00:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			04/19/13 00:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			04/19/13 00:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			04/19/13 00:38	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			04/19/13 00:38	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			04/19/13 00:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
Methyl acetate	10	U	10	0.38	ug/L			04/19/13 00:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			04/19/13 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			04/19/13 00:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			04/19/13 00:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			04/19/13 00:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			04/19/13 00:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			04/19/13 00:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			04/19/13 00:38	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-82586/5

Matrix: Water

Analysis Batch: 82586

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		04/19/13 00:38	1
4-Bromofluorobenzene (Surr)	92		66 - 117		04/19/13 00:38	1
Toluene-d8 (Surr)	86		74 - 115		04/19/13 00:38	1
Dibromofluoromethane (Surr)	90		75 - 121		04/19/13 00:38	1

Lab Sample ID: LCS 240-82586/4

Matrix: Water

Analysis Batch: 82586

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	18.7		ug/L		94	43 - 136
Benzene	10.0	9.98		ug/L		100	83 - 112
Dichlorobromomethane	10.0	10.1		ug/L		101	72 - 121
Bromoform	10.0	8.96		ug/L		90	40 - 131
Bromomethane	10.0	8.27		ug/L		83	11 - 185
2-Butanone (MEK)	20.0	19.6		ug/L		98	60 - 126
Carbon disulfide	10.0	10.2		ug/L		102	62 - 142
Carbon tetrachloride	10.0	9.06		ug/L		91	66 - 128
Chlorobenzene	10.0	9.69		ug/L		97	85 - 110
Chloroethane	10.0	11.5		ug/L		115	25 - 153
Chloroform	10.0	9.91		ug/L		99	79 - 117
Chloromethane	10.0	9.07		ug/L		91	44 - 126
1,1-Dichloroethane	10.0	10.2		ug/L		102	82 - 115
1,2-Dichloroethane	10.0	10.3		ug/L		103	71 - 127
1,1-Dichloroethene	10.0	9.97		ug/L		100	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	9.46		ug/L		95	61 - 115
trans-1,3-Dichloropropene	10.0	9.30		ug/L		93	58 - 117
Ethylbenzene	10.0	9.52		ug/L		95	83 - 112
2-Hexanone	20.0	19.3		ug/L		96	55 - 133
Methylene Chloride	10.0	10.5		ug/L		105	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.8		ug/L		99	63 - 128
Styrene	10.0	10.3		ug/L		103	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.05		ug/L		90	68 - 118
Tetrachloroethene	10.0	9.23		ug/L		92	79 - 114
Toluene	10.0	9.33		ug/L		93	84 - 111
Trichloroethene	10.0	10.2		ug/L		102	76 - 117
Vinyl chloride	10.0	9.15		ug/L		91	53 - 127
Xylenes, Total	30.0	29.6		ug/L		99	83 - 112
1,1,1-Trichloroethane	10.0	9.60		ug/L		96	74 - 118
1,1,2-Trichloroethane	10.0	9.96		ug/L		100	80 - 112
Cyclohexane	10.0	8.23		ug/L		82	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.16		ug/L		82	42 - 136
Ethylene Dibromide	10.0	9.64		ug/L		96	79 - 113
Dichlorodifluoromethane	10.0	6.48		ug/L		65	19 - 129
cis-1,2-Dichloroethene	10.0	9.94		ug/L		99	80 - 113
trans-1,2-Dichloroethene	10.0	10.0		ug/L		100	83 - 117
Isopropylbenzene	10.0	9.26		ug/L		93	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-82586/4**

**Matrix: Water**

**Analysis Batch: 82586**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	11.3		ug/L		113	58 - 131
Methyl tert-butyl ether	10.0	9.60		ug/L		96	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.2		ug/L		102	74 - 151
1,2,4-Trichlorobenzene	10.0	7.42		ug/L		74	48 - 135
1,2-Dichlorobenzene	10.0	9.28		ug/L		93	81 - 110
1,3-Dichlorobenzene	10.0	9.30		ug/L		93	80 - 110
1,4-Dichlorobenzene	10.0	8.91		ug/L		89	82 - 110
Trichlorofluoromethane	10.0	8.78		ug/L		88	49 - 157
Chlorodibromomethane	10.0	9.81		ug/L		98	64 - 119
Methylcyclohexane	10.0	7.92		ug/L		79	56 - 127
m-Xylene & p-Xylene	20.0	19.5		ug/L		97	83 - 113
o-Xylene	10.0	10.1		ug/L		101	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		63 - 129
4-Bromofluorobenzene (Surr)	100		66 - 117
Toluene-d8 (Surr)	88		74 - 115
Dibromofluoromethane (Surr)	88		75 - 121

**Lab Sample ID: 240-23217-3 MS**

**Matrix: Water**

**Analysis Batch: 82586**

**Client Sample ID: GW-041213-SM-023**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	3300	U	6670	1360	J F	ug/L		20	33 - 145
Benzene	330	U	3330	603	F	ug/L		18	72 - 121
Dichlorobromomethane	330	U	3330	565	F	ug/L		17	67 - 120
Bromoform	330	U	3330	450	F	ug/L		13	32 - 128
Bromomethane	330	U	3330	550		ug/L		17	10 - 186
2-Butanone (MEK)	3300	U	6670	1180	J F	ug/L		18	54 - 129
Carbon disulfide	330	U	3330	687	F	ug/L		21	57 - 147
Carbon tetrachloride	330	U	3330	541	F	ug/L		16	59 - 129
Chlorobenzene	330	U	3330	547	F	ug/L		16	80 - 110
Chloroethane	330	U	3330	693		ug/L		21	21 - 165
Chloroform	330	U	3330	562	F	ug/L		17	76 - 118
Chloromethane	330	U	3330	742	F	ug/L		22	33 - 132
1,1-Dichloroethane	500		3330	1080	F	ug/L		17	79 - 116
1,2-Dichloroethane	330	U	3330	637	F	ug/L		19	68 - 129
1,1-Dichloroethene	76	J	3330	725	F	ug/L		19	74 - 135
1,2-Dichloropropane	330	U	3330	556	F	ug/L		17	78 - 115
cis-1,3-Dichloropropene	330	U	3330	463	F	ug/L		14	51 - 110
trans-1,3-Dichloropropene	330	U	3330	455	F	ug/L		14	46 - 116
Ethylbenzene	330	U	3330	480	F	ug/L		14	75 - 116
2-Hexanone	3300	U	6670	948	J F	ug/L		14	47 - 139
Methylene Chloride	330	U	3330	673	F	ug/L		20	63 - 128
4-Methyl-2-pentanone (MIBK)	3300	U	6670	966	J F	ug/L		14	56 - 131
Styrene	330	U	3330	495	F	ug/L		15	71 - 117

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-23217-3 MS**

**Matrix: Water**

**Analysis Batch: 82586**

**Client Sample ID: GW-041213-SM-023**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	330	U	3330	526	F	ug/L		16	63 - 122
Tetrachloroethene	330	U	3330	493	F	ug/L		15	70 - 117
Toluene	330	U	3330	503	F	ug/L		15	78 - 114
Trichloroethene	740		3330	1270	F	ug/L		16	66 - 120
Vinyl chloride	440		3330	1090	F	ug/L		20	49 - 130
Xylenes, Total	670	U	10000	1380	F	ug/L		14	76 - 116
1,1,1-Trichloroethane	86	J	3330	670	F	ug/L		18	68 - 121
1,1,2-Trichloroethane	330	U	3330	554	F	ug/L		17	75 - 115
Cyclohexane	330	U	3330	587	F	ug/L		18	49 - 123
1,2-Dibromo-3-Chloropropane	670	U	3330	309	J F	ug/L		9	32 - 139
Ethylene Dibromide	330	U	3330	545	F	ug/L		16	74 - 113
Dichlorodifluoromethane	330	U	3330	694		ug/L		21	17 - 128
cis-1,2-Dichloroethene	12000		3330	11300	F	ug/L		-20	70 - 120
trans-1,2-Dichloroethene	360		3330	950	F	ug/L		18	80 - 119
Isopropylbenzene	330	U	3330	415	F	ug/L		12	68 - 116
Methyl acetate	3300	U	3330	752	J F	ug/L		23	47 - 130
Methyl tert-butyl ether	330	U	3330	469	F	ug/L		14	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	3330	948	F	ug/L		28	70 - 152
1,2,4-Trichlorobenzene	330	U	3330	267	J F	ug/L		8	38 - 138
1,2-Dichlorobenzene	330	U	3330	497	F	ug/L		15	75 - 111
1,3-Dichlorobenzene	330	U	3330	498	F	ug/L		15	73 - 110
1,4-Dichlorobenzene	330	U	3330	510	F	ug/L		15	75 - 110
Trichlorofluoromethane	330	U	3330	740	F	ug/L		22	46 - 157
Chlorodibromomethane	330	U	3330	463	F	ug/L		14	56 - 118
Methylcyclohexane	330	U	3330	561	F	ug/L		17	49 - 127
m-Xylene & p-Xylene	670		6670	892	F	ug/L		13	75 - 117
o-Xylene	330		3330	487	F	ug/L		15	76 - 116

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 117
Toluene-d8 (Surr)	88		74 - 115
Dibromofluoromethane (Surr)	88		75 - 121

**Lab Sample ID: 240-23217-3 MSD**

**Matrix: Water**

**Analysis Batch: 82586**

**Client Sample ID: GW-041213-SM-023**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	
	Result	Qualifier	Added	Result	Qualifier						Limits
Acetone	3300	U	6670	6210	F	ug/L		93	33 - 145	128	30
Benzene	330	U	3330	3310	F	ug/L		99	72 - 121	138	30
Dichlorobromomethane	330	U	3330	3330	F	ug/L		100	67 - 120	142	30
Bromoform	330	U	3330	3000	F	ug/L		90	32 - 128	148	30
Bromomethane	330	U	3330	2790	F	ug/L		84	10 - 186	134	30
2-Butanone (MEK)	3300	U	6670	6260	F	ug/L		94	54 - 129	137	30
Carbon disulfide	330	U	3330	3280	F	ug/L		98	57 - 147	131	30
Carbon tetrachloride	330	U	3330	2820	F	ug/L		85	59 - 129	136	30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-23217-3 MSD

Matrix: Water

Analysis Batch: 82586

Client Sample ID: GW-041213-SM-023

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chlorobenzene	330	U	3330	3080	F	ug/L		92	80 - 110	140	30
Chloroethane	330	U	3330	3490	F	ug/L		105	21 - 165	134	30
Chloroform	330	U	3330	3270	F	ug/L		98	76 - 118	141	30
Chloromethane	330	U	3330	3290	F	ug/L		99	33 - 132	126	30
1,1-Dichloroethane	500		3330	3810	F	ug/L		99	79 - 116	112	30
1,2-Dichloroethane	330	U	3330	3330	F	ug/L		100	68 - 129	136	30
1,1-Dichloroethene	76	J	3330	3310	F	ug/L		97	74 - 135	128	30
1,2-Dichloropropane	330	U	3330	3390	F	ug/L		102	78 - 115	144	30
cis-1,3-Dichloropropene	330	U	3330	3050	F	ug/L		92	51 - 110	147	30
trans-1,3-Dichloropropene	330	U	3330	2900	F	ug/L		87	46 - 116	146	30
Ethylbenzene	330	U	3330	2910	F	ug/L		87	75 - 116	143	30
2-Hexanone	3300	U	6670	6100	F	ug/L		92	47 - 139	146	30
Methylene Chloride	330	U	3330	3470	F	ug/L		104	63 - 128	135	30
4-Methyl-2-pentanone (MIBK)	3300	U	6670	6380	F	ug/L		96	56 - 131	147	30
Styrene	330	U	3330	3220	F	ug/L		97	71 - 117	147	30
1,1,2,2-Tetrachloroethane	330	U	3330	2930	F	ug/L		88	63 - 122	139	30
Tetrachloroethene	330	U	3330	2780	F	ug/L		83	70 - 117	140	30
Toluene	330	U	3330	2970	F	ug/L		89	78 - 114	142	30
Trichloroethene	740		3330	3920	F	ug/L		95	66 - 120	102	30
Vinyl chloride	440		3330	3480	F	ug/L		91	49 - 130	104	30
Xylenes, Total	670	U	10000	8970	F	ug/L		90	76 - 116	147	30
1,1,1-Trichloroethane	86	J	3330	3160	F	ug/L		92	68 - 121	130	30
1,1,2-Trichloroethane	330	U	3330	3260	F	ug/L		98	75 - 115	142	30
Cyclohexane	330	U	3330	2330	F	ug/L		70	49 - 123	120	30
1,2-Dibromo-3-Chloropropane	670	U	3330	2490	F	ug/L		75	32 - 139	156	30
Ethylene Dibromide	330	U	3330	3130	F	ug/L		94	74 - 113	141	30
Dichlorodifluoromethane	330	U	3330	1870	F	ug/L		56	17 - 128	92	30
cis-1,2-Dichloroethene	12000		3330	15000	E	ug/L		90	70 - 120	28	30
trans-1,2-Dichloroethene	360		3330	3640	F	ug/L		98	80 - 119	117	30
Isopropylbenzene	330	U	3330	2750	F	ug/L		83	68 - 116	148	30
Methyl acetate	3300	U	3330	3800	F	ug/L		114	47 - 130	134	30
Methyl tert-butyl ether	330	U	3330	3150	F	ug/L		94	46 - 144	148	30
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	3330	2940	F	ug/L		88	70 - 152	102	30
1,2,4-Trichlorobenzene	330	U	3330	2250	F	ug/L		67	38 - 138	157	30
1,2-Dichlorobenzene	330	U	3330	2990	F	ug/L		90	75 - 111	143	30
1,3-Dichlorobenzene	330	U	3330	2900	F	ug/L		87	73 - 110	141	30
1,4-Dichlorobenzene	330	U	3330	2870	F	ug/L		86	75 - 110	140	30
Trichlorofluoromethane	330	U	3330	2780	F	ug/L		83	46 - 157	116	30
Chlorodibromomethane	330	U	3330	3010	F	ug/L		90	56 - 118	147	30
Methylcyclohexane	330	U	3330	2170	F	ug/L		65	49 - 127	118	30
m-Xylene & p-Xylene	670		6670	5900	F	ug/L		89	75 - 117	147	30
o-Xylene	330		3330	3070	F	ug/L		92	76 - 116	145	30

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	84		63 - 129
4-Bromofluorobenzene (Surr)	101		66 - 117
Toluene-d8 (Surr)	89		74 - 115

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-23217-3 MSD

Matrix: Water

Analysis Batch: 82586

Client Sample ID: GW-041213-SM-023

Prep Type: Total/NA

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>Dibromofluoromethane (Surr)</i>	89		75 - 121

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## GC/MS VOA

### Analysis Batch: 82586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-23217-1	GW-041213-SM-021	Total/NA	Water	8260B	
240-23217-2	GW-041213-SM-022	Total/NA	Water	8260B	
240-23217-3	GW-041213-SM-023	Total/NA	Water	8260B	
240-23217-3 MS	GW-041213-SM-023	Total/NA	Water	8260B	
240-23217-3 MSD	GW-041213-SM-023	Total/NA	Water	8260B	
240-23217-4	GW-041213-SM-024	Total/NA	Water	8260B	
240-23217-5	RB-041213-SM-001	Total/NA	Water	8260B	
240-23217-6	SW-041213-SM-001	Total/NA	Water	8260B	
240-23217-7	SW-041213-SM-002	Total/NA	Water	8260B	
240-23217-8	TB-041213-SM-002	Total/NA	Water	8260B	
LCS 240-82586/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-82586/5	Method Blank	Total/NA	Water	8260B	

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

**Client Sample ID: GW-041213-SM-021**

**Lab Sample ID: 240-23217-1**

Date Collected: 04/12/13 08:45

Matrix: Water

Date Received: 04/16/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82586	04/19/13 05:30	LE	TAL CAN

**Client Sample ID: GW-041213-SM-022**

**Lab Sample ID: 240-23217-2**

Date Collected: 04/12/13 08:50

Matrix: Water

Date Received: 04/16/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82586	04/19/13 05:53	LE	TAL CAN

**Client Sample ID: GW-041213-SM-023**

**Lab Sample ID: 240-23217-3**

Date Collected: 04/12/13 10:45

Matrix: Water

Date Received: 04/16/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		333.33	82586	04/19/13 06:15	LE	TAL CAN

**Client Sample ID: GW-041213-SM-024**

**Lab Sample ID: 240-23217-4**

Date Collected: 04/12/13 11:45

Matrix: Water

Date Received: 04/16/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	82586	04/19/13 07:23	LE	TAL CAN

**Client Sample ID: RB-041213-SM-001**

**Lab Sample ID: 240-23217-5**

Date Collected: 04/12/13 11:50

Matrix: Water

Date Received: 04/16/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82586	04/19/13 07:46	LE	TAL CAN

**Client Sample ID: SW-041213-SM-001**

**Lab Sample ID: 240-23217-6**

Date Collected: 04/12/13 10:00

Matrix: Water

Date Received: 04/16/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82586	04/19/13 08:09	LE	TAL CAN

TestAmerica Canton



# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

**Client Sample ID: SW-041213-SM-002**

**Lab Sample ID: 240-23217-7**

**Date Collected: 04/12/13 11:00**

**Matrix: Water**

**Date Received: 04/16/13 09:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82586	04/19/13 08:30	LE	TAL CAN

**Client Sample ID: TB-041213-SM-002**

**Lab Sample ID: 240-23217-8**

**Date Collected: 04/12/13 12:10**

**Matrix: Water**

**Date Received: 04/16/13 09:15**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	82586	04/19/13 08:53	LE	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-23217-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-13
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-13
Georgia	State Program	4	N/A	06-30-13
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-13
L-A-B	DoD ELAP		L2315	07-28-13
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-13
New Jersey	NELAP	2	OH001	06-30-13
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
West Virginia DEP	State Program	3	210	12-31-13
Wisconsin	State Program	5	999518190	08-31-13



**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
 Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO.: **IN-03009**  
 PAGE **1** OF **1**  
 (See Reverse Side for Instructions)

Project No/Phase/Task Code: <b>017302-T07</b>		Laboratory Name: <b>Test America</b>		Lab Location: <b>Marty Cantor</b>		SSOW ID: <b>132007</b>	
Project Name: <b>Delphi I</b>		Lab Contact: <b>Denise Hecker</b>		Lab Quote No:		Cooler No:	
Project Location: <b>Anderson In</b>		Container Quantity & Preservation		Analysis Requested (See Back of COC for Definitions)		Carrier: <b>FedEx</b>	
Chemistry Contact: <b>Deborah Andrusko</b>		Sample Type		Total Containers/Sample		Airbill No:	
Sampler(s): <b>Sam Melecovsky</b>		Matrix Code		Other:		Date Shipped: <b>4/15/17</b>	
SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		DATE (mm/dd/yy)		TIME (hh:mm)		COMMENTS/ SPECIAL INSTRUCTIONS:	
1 Gw-041213-Sm-021		04/12/17		845		VOC	
2   -022				850		X MS/SD	
3   -023				1045			
4 Gw-041213-Sm-024				1145			
5 RB-041213-Sm-007				1150 RB			
6 Sw-041213-Sm-001				1000 WS			
7 Sw-041213-Sm-002				1100 WS			
8 TB-041213-Sm-002		04/12/17		1210 TB G			
9							
10							
11							
12							
13							
14							
TAT Required in business days (use separate COCs for different TATs):		DATE		TIME		Notes/ Special Requirements:	
<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> Other:		RELIQUISHED BY <b>Sam Melecovsky</b>		COMPANY <b>CRA</b>		RECEIVED BY <b>Delphi I</b>	
All Samples in Cooler must be on COC		DATE		TIME		COMPANY	
1. <b>4/26/2013</b>		<b>4/15/17</b>		<b>1700</b>		<b>TA</b>	
2.							
3.							



240-23217 Chain of Custody

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY



TestAmerica Canton Sample Receipt Form/Narrative  
Canton Facility

Login # : 23217

Client CRA Site Name \_\_\_\_\_ Cooler unpacked by: Daniel W. Green  
Cooler Received on 4-16-13 Opened on 4-16-13

FedEx: 1<sup>st</sup> Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_  
TestAmerica Cooler # 086 Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_  
COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt  
 IR GUN# 1 (CF -0 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 4G (CF +1 °C) Observed Cooler Temp. 24 °C Corrected Cooler Temp. 3.4 °C  See Multiple Cooler Form  
 IR GUN# 5G (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 8 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 0 Yes No  
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA  
 -Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC256691
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other  
Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: Daniel W. Green

---

---

---

---

---

---

---

---

---

---

15. SAMPLE CONDITION  
 Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
 Sample(s) \_\_\_\_\_ were received in a broken container.  
 Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION  
 Sample(s) \_\_\_\_\_ were further preserved in Sample Receiving to meet recommended pH level(s). Preservation Lot: Nitric Acid Lot# 100110-HNO3; Sulfuric Acid Lot# 051012-H2SO4; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH.  
 Time preservative was added to sample(s): \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-27019-1

Client Project/Site: 17302-T07, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

7/30/2013 2:22:53 PM

Denise Heckler, Project Manager II

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)



### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	5
Sample Summary . . . . .	6
Detection Summary . . . . .	7
Client Sample Results . . . . .	8
Surrogate Summary . . . . .	13
QC Sample Results . . . . .	14
QC Association Summary . . . . .	20
Lab Chronicle . . . . .	21
Certification Summary . . . . .	22
Chain of Custody . . . . .	23

# Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F	MS or MSD exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

**Job ID: 240-27019-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302-T07, RACER Delphi Anderson**

**Report Number: 240-27019-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 07/18/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.4 C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples SW-071713-SM-001 (240-27019-1), SW-071713-SM-002 (240-27019-2), SW-071713-SM-003 (240-27019-3) and TB-071713-SM-001 (240-27019-4) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 07/25/2013.

Acetone was detected in method blank MB 240-94891/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

cis-1,2-Dichloroethene failed the recovery criteria high for the MSD of sample SW-071713-SM-003MSD (240-27019-3) in batch 240-94891.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.



# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

---

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

---

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-27019-1	SW-071713-SM-001	Water	07/17/13 13:45	07/18/13 09:20
240-27019-2	SW-071713-SM-002	Water	07/17/13 14:15	07/18/13 09:20
240-27019-3	SW-071713-SM-003	Water	07/17/13 14:00	07/18/13 09:20
240-27019-4	TB-071713-SM-001	Water	07/17/13 15:00	07/18/13 09:20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Client Sample ID: SW-071713-SM-001

## Lab Sample ID: 240-27019-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.3	J B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.7		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	14		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	32		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.0		1.0	0.19	ug/L	1		8260B	Total/NA

## Client Sample ID: SW-071713-SM-002

## Lab Sample ID: 240-27019-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.7	J B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	1.6		1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	14		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	32		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L	1		8260B	Total/NA

## Client Sample ID: SW-071713-SM-003

## Lab Sample ID: 240-27019-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.4	J B	10	1.1	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.90	J	1.0	0.15	ug/L	1		8260B	Total/NA
Vinyl chloride	4.8		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	17		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.62	J	1.0	0.19	ug/L	1		8260B	Total/NA

## Client Sample ID: TB-071713-SM-001

## Lab Sample ID: 240-27019-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J B	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: SW-071713-SM-001**

**Date Collected: 07/17/13 13:45**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-1**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.3</b>	<b>J B</b>	10	1.1	ug/L			07/25/13 05:28	1
Benzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/25/13 05:28	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/25/13 05:28	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/25/13 05:28	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/25/13 05:28	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 05:28	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/25/13 05:28	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/25/13 05:28	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/25/13 05:28	1
<b>1,1-Dichloroethane</b>	<b>1.7</b>		1.0	0.15	ug/L			07/25/13 05:28	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 05:28	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 05:28	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/25/13 05:28	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/25/13 05:28	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/25/13 05:28	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/25/13 05:28	1
2-Hexanone	10	U	10	0.41	ug/L			07/25/13 05:28	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/25/13 05:28	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/25/13 05:28	1
Styrene	1.0	U	1.0	0.11	ug/L			07/25/13 05:28	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/25/13 05:28	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/25/13 05:28	1
Toluene	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 05:28	1
<b>Vinyl chloride</b>	<b>14</b>		1.0	0.22	ug/L			07/25/13 05:28	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/25/13 05:28	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 05:28	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/25/13 05:28	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/25/13 05:28	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/25/13 05:28	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/25/13 05:28	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/25/13 05:28	1
<b>cis-1,2-Dichloroethene</b>	<b>32</b>		1.0	0.17	ug/L			07/25/13 05:28	1
<b>trans-1,2-Dichloroethene</b>	<b>1.0</b>		1.0	0.19	ug/L			07/25/13 05:28	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
Methyl acetate	10	U	10	0.38	ug/L			07/25/13 05:28	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/25/13 05:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/25/13 05:28	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 05:28	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/25/13 05:28	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/25/13 05:28	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/25/13 05:28	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/25/13 05:28	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		07/25/13 05:28	1
4-Bromofluorobenzene (Surr)	82		66 - 117		07/25/13 05:28	1
Toluene-d8 (Surr)	88		74 - 115		07/25/13 05:28	1
Dibromofluoromethane (Surr)	92		75 - 121		07/25/13 05:28	1

**Client Sample ID: SW-071713-SM-002**

**Date Collected: 07/17/13 14:15**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.7</b>	<b>J B</b>	10	1.1	ug/L			07/25/13 05:50	1
Benzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/25/13 05:50	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/25/13 05:50	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/25/13 05:50	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/25/13 05:50	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 05:50	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/25/13 05:50	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/25/13 05:50	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/25/13 05:50	1
<b>1,1-Dichloroethane</b>	<b>1.6</b>		1.0	0.15	ug/L			07/25/13 05:50	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 05:50	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 05:50	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/25/13 05:50	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/25/13 05:50	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/25/13 05:50	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/25/13 05:50	1
2-Hexanone	10	U	10	0.41	ug/L			07/25/13 05:50	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/25/13 05:50	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/25/13 05:50	1
Styrene	1.0	U	1.0	0.11	ug/L			07/25/13 05:50	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/25/13 05:50	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/25/13 05:50	1
Toluene	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 05:50	1
<b>Vinyl chloride</b>	<b>14</b>		1.0	0.22	ug/L			07/25/13 05:50	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/25/13 05:50	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 05:50	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/25/13 05:50	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/25/13 05:50	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/25/13 05:50	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/25/13 05:50	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/25/13 05:50	1
<b>cis-1,2-Dichloroethene</b>	<b>32</b>		1.0	0.17	ug/L			07/25/13 05:50	1
<b>trans-1,2-Dichloroethene</b>	<b>1.1</b>		1.0	0.19	ug/L			07/25/13 05:50	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
Methyl acetate	10	U	10	0.38	ug/L			07/25/13 05:50	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/25/13 05:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/25/13 05:50	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 05:50	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SW-071713-SM-002**

**Date Collected: 07/17/13 14:15**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/25/13 05:50	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/25/13 05:50	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/25/13 05:50	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/25/13 05:50	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	90		63 - 129					07/25/13 05:50	1
4-Bromofluorobenzene (Surr)	83		66 - 117					07/25/13 05:50	1
Toluene-d8 (Surr)	89		74 - 115					07/25/13 05:50	1
Dibromofluoromethane (Surr)	93		75 - 121					07/25/13 05:50	1

**Client Sample ID: SW-071713-SM-003**

**Date Collected: 07/17/13 14:00**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.4</b>	<b>J B</b>	10	1.1	ug/L			07/25/13 09:03	1
Benzene	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/25/13 09:03	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/25/13 09:03	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/25/13 09:03	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/25/13 09:03	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 09:03	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/25/13 09:03	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/25/13 09:03	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/25/13 09:03	1
<b>1,1-Dichloroethane</b>	<b>0.90</b>	<b>J</b>	1.0	0.15	ug/L			07/25/13 09:03	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 09:03	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 09:03	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/25/13 09:03	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/25/13 09:03	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/25/13 09:03	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/25/13 09:03	1
2-Hexanone	10	U	10	0.41	ug/L			07/25/13 09:03	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/25/13 09:03	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/25/13 09:03	1
Styrene	1.0	U	1.0	0.11	ug/L			07/25/13 09:03	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/25/13 09:03	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/25/13 09:03	1
Toluene	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 09:03	1
<b>Vinyl chloride</b>	<b>4.8</b>		1.0	0.22	ug/L			07/25/13 09:03	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/25/13 09:03	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 09:03	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/25/13 09:03	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/25/13 09:03	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/25/13 09:03	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/25/13 09:03	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SW-071713-SM-003**

**Date Collected: 07/17/13 14:00**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/25/13 09:03	1
<b>cis-1,2-Dichloroethene</b>	<b>17</b>		1.0	0.17	ug/L			07/25/13 09:03	1
<b>trans-1,2-Dichloroethene</b>	<b>0.62</b>	<b>J</b>	1.0	0.19	ug/L			07/25/13 09:03	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
Methyl acetate	10	U	10	0.38	ug/L			07/25/13 09:03	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/25/13 09:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/25/13 09:03	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 09:03	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/25/13 09:03	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/25/13 09:03	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/25/13 09:03	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/25/13 09:03	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	91		63 - 129					07/25/13 09:03	1
<i>4-Bromofluorobenzene (Surr)</i>	80		66 - 117					07/25/13 09:03	1
<i>Toluene-d8 (Surr)</i>	88		74 - 115					07/25/13 09:03	1
<i>Dibromofluoromethane (Surr)</i>	94		75 - 121					07/25/13 09:03	1

**Client Sample ID: TB-071713-SM-001**

**Date Collected: 07/17/13 15:00**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.8</b>	<b>J B</b>	10	1.1	ug/L			07/25/13 06:11	1
Benzene	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/25/13 06:11	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/25/13 06:11	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/25/13 06:11	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/25/13 06:11	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 06:11	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/25/13 06:11	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/25/13 06:11	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/25/13 06:11	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/25/13 06:11	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 06:11	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 06:11	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/25/13 06:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/25/13 06:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/25/13 06:11	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/25/13 06:11	1
2-Hexanone	10	U	10	0.41	ug/L			07/25/13 06:11	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/25/13 06:11	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/25/13 06:11	1
Styrene	1.0	U	1.0	0.11	ug/L			07/25/13 06:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/25/13 06:11	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/25/13 06:11	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB-071713-SM-001**

**Date Collected: 07/17/13 15:00**

**Date Received: 07/18/13 09:20**

**Lab Sample ID: 240-27019-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 06:11	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/25/13 06:11	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/25/13 06:11	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 06:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/25/13 06:11	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/25/13 06:11	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/25/13 06:11	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/25/13 06:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/25/13 06:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 06:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 06:11	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
Methyl acetate	10	U	10	0.38	ug/L			07/25/13 06:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/25/13 06:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/25/13 06:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 06:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/25/13 06:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/25/13 06:11	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/25/13 06:11	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/25/13 06:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		07/25/13 06:11	1
4-Bromofluorobenzene (Surr)	85		66 - 117		07/25/13 06:11	1
Toluene-d8 (Surr)	89		74 - 115		07/25/13 06:11	1
Dibromofluoromethane (Surr)	94		75 - 121		07/25/13 06:11	1



# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE	BFB	TOL	DBFM
		(63-129)	(66-117)	(74-115)	(75-121)
240-27019-1	SW-071713-SM-001	90	82	88	92
240-27019-2	SW-071713-SM-002	90	83	89	93
240-27019-3	SW-071713-SM-003	91	80	88	94
240-27019-3 MS	SW-071713-SM-003	96	89	93	92
240-27019-3 MSD	SW-071713-SM-003	98	96	90	94
240-27019-4	TB-071713-SM-001	90	85	89	94
LCS 240-94891/4	Lab Control Sample	97	91	92	91
MB 240-94891/6	Method Blank	90	83	89	91

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)  
BFB = 4-Bromofluorobenzene (Surr)  
TOL = Toluene-d8 (Surr)  
DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-94891/6**

**Matrix: Water**

**Analysis Batch: 94891**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.51	J	10	1.1	ug/L			07/25/13 01:53	1
Benzene	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			07/25/13 01:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			07/25/13 01:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			07/25/13 01:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			07/25/13 01:53	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 01:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			07/25/13 01:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			07/25/13 01:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			07/25/13 01:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			07/25/13 01:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 01:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 01:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			07/25/13 01:53	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			07/25/13 01:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			07/25/13 01:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			07/25/13 01:53	1
2-Hexanone	10	U	10	0.41	ug/L			07/25/13 01:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			07/25/13 01:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			07/25/13 01:53	1
Styrene	1.0	U	1.0	0.11	ug/L			07/25/13 01:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			07/25/13 01:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			07/25/13 01:53	1
Toluene	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 01:53	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			07/25/13 01:53	1
Xylenes, Total	2.0	U	2.0	0.28	ug/L			07/25/13 01:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			07/25/13 01:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			07/25/13 01:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			07/25/13 01:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			07/25/13 01:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			07/25/13 01:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			07/25/13 01:53	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			07/25/13 01:53	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			07/25/13 01:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
Methyl acetate	10	U	10	0.38	ug/L			07/25/13 01:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			07/25/13 01:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			07/25/13 01:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			07/25/13 01:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			07/25/13 01:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			07/25/13 01:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			07/25/13 01:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			07/25/13 01:53	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-94891/6

Matrix: Water

Analysis Batch: 94891

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		07/25/13 01:53	1
4-Bromofluorobenzene (Surr)	83		66 - 117		07/25/13 01:53	1
Toluene-d8 (Surr)	89		74 - 115		07/25/13 01:53	1
Dibromofluoromethane (Surr)	91		75 - 121		07/25/13 01:53	1

Lab Sample ID: LCS 240-94891/4

Matrix: Water

Analysis Batch: 94891

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	19.9		ug/L		100	43 - 136
Benzene	10.0	10.0		ug/L		100	83 - 112
Dichlorobromomethane	10.0	11.7		ug/L		117	72 - 121
Bromoform	10.0	11.0		ug/L		110	40 - 131
Bromomethane	10.0	8.04		ug/L		80	11 - 185
2-Butanone (MEK)	20.0	18.4		ug/L		92	60 - 126
Carbon disulfide	10.0	10.9		ug/L		109	62 - 142
Carbon tetrachloride	10.0	12.5		ug/L		125	66 - 128
Chlorobenzene	10.0	9.27		ug/L		93	85 - 110
Chloroethane	10.0	8.98		ug/L		90	25 - 153
Chloroform	10.0	10.1		ug/L		101	79 - 117
Chloromethane	10.0	8.95		ug/L		89	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	10.8		ug/L		108	71 - 127
1,1-Dichloroethene	10.0	9.87		ug/L		99	78 - 131
1,2-Dichloropropane	10.0	10.9		ug/L		109	81 - 115
cis-1,3-Dichloropropene	10.0	10.6		ug/L		106	61 - 115
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	58 - 117
Ethylbenzene	10.0	9.20		ug/L		92	83 - 112
2-Hexanone	20.0	19.8		ug/L		99	55 - 133
Methylene Chloride	10.0	10.6		ug/L		106	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	21.1		ug/L		106	63 - 128
Styrene	10.0	9.17		ug/L		92	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.13		ug/L		91	68 - 118
Tetrachloroethene	10.0	8.86		ug/L		89	79 - 114
Toluene	10.0	9.40		ug/L		94	84 - 111
Trichloroethene	10.0	10.1		ug/L		101	76 - 117
Vinyl chloride	10.0	9.60		ug/L		96	53 - 127
Xylenes, Total	30.0	27.3		ug/L		91	83 - 112
1,1,1-Trichloroethane	10.0	10.8		ug/L		108	74 - 118
1,1,2-Trichloroethane	10.0	9.54		ug/L		95	80 - 112
Cyclohexane	10.0	9.80		ug/L		98	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.61		ug/L		96	42 - 136
Ethylene Dibromide	10.0	9.49		ug/L		95	79 - 113
Dichlorodifluoromethane	10.0	9.01		ug/L		90	19 - 129
cis-1,2-Dichloroethene	10.0	9.72		ug/L		97	80 - 113
trans-1,2-Dichloroethene	10.0	9.90		ug/L		99	83 - 117
Isopropylbenzene	10.0	8.85		ug/L		88	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-94891/4**

**Matrix: Water**

**Analysis Batch: 94891**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	10.0	9.84	J	ug/L		98	58 - 131
Methyl tert-butyl ether	10.0	9.75		ug/L		97	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.0		ug/L		110	74 - 151
1,2,4-Trichlorobenzene	10.0	7.14		ug/L		71	48 - 135
1,2-Dichlorobenzene	10.0	8.91		ug/L		89	81 - 110
1,3-Dichlorobenzene	10.0	8.84		ug/L		88	80 - 110
1,4-Dichlorobenzene	10.0	8.73		ug/L		87	82 - 110
Trichlorofluoromethane	10.0	9.49		ug/L		95	49 - 157
Chlorodibromomethane	10.0	11.2		ug/L		112	64 - 119
Methylcyclohexane	10.0	9.55		ug/L		95	56 - 127
m-Xylene & p-Xylene	20.0	18.2		ug/L		91	83 - 113
o-Xylene	10.0	9.13		ug/L		91	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	97		63 - 129
4-Bromofluorobenzene (Surr)	91		66 - 117
Toluene-d8 (Surr)	92		74 - 115
Dibromofluoromethane (Surr)	91		75 - 121

**Lab Sample ID: 240-27019-3 MS**

**Matrix: Water**

**Analysis Batch: 94891**

**Client Sample ID: SW-071713-SM-003**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	1.4	J B	20.0	16.7		ug/L		76	33 - 145
Benzene	1.0	U	10.0	9.94		ug/L		99	72 - 121
Dichlorobromomethane	1.0	U	10.0	11.6		ug/L		116	67 - 120
Bromoform	1.0	U	10.0	11.1		ug/L		111	32 - 128
Bromomethane	1.0	U	10.0	7.98		ug/L		80	10 - 186
2-Butanone (MEK)	10	U	20.0	16.5		ug/L		82	54 - 129
Carbon disulfide	1.0	U	10.0	10.6		ug/L		106	57 - 147
Carbon tetrachloride	1.0	U	10.0	12.0		ug/L		120	59 - 129
Chlorobenzene	1.0	U	10.0	9.29		ug/L		93	80 - 110
Chloroethane	1.0	U	10.0	9.01		ug/L		90	21 - 165
Chloroform	1.0	U	10.0	9.73		ug/L		97	76 - 118
Chloromethane	1.0	U	10.0	8.34		ug/L		83	33 - 132
1,1-Dichloroethane	0.90	J	10.0	10.6		ug/L		97	79 - 116
1,2-Dichloroethane	1.0	U	10.0	10.7		ug/L		107	68 - 129
1,1-Dichloroethene	1.0	U	10.0	9.18		ug/L		92	74 - 135
1,2-Dichloropropane	1.0	U	10.0	10.5		ug/L		105	78 - 115
cis-1,3-Dichloropropene	1.0	U	10.0	9.82		ug/L		98	51 - 110
trans-1,3-Dichloropropene	1.0	U	10.0	9.75		ug/L		98	46 - 116
Ethylbenzene	1.0	U	10.0	9.16		ug/L		92	75 - 116
2-Hexanone	10	U	20.0	19.3		ug/L		97	47 - 139
Methylene Chloride	1.0	U	10.0	8.89		ug/L		89	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.1		ug/L		101	56 - 131
Styrene	1.0	U	10.0	9.03		ug/L		90	71 - 117

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-27019-3 MS**

**Matrix: Water**

**Analysis Batch: 94891**

**Client Sample ID: SW-071713-SM-003**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.99		ug/L		100	63 - 122
Tetrachloroethene	1.0	U	10.0	9.09		ug/L		91	70 - 117
Toluene	1.0	U	10.0	9.76		ug/L		98	78 - 114
Trichloroethene	1.0	U	10.0	9.47		ug/L		95	66 - 120
Vinyl chloride	4.8		10.0	14.2		ug/L		94	49 - 130
Xylenes, Total	2.0	U	30.0	27.2		ug/L		91	76 - 116
1,1,1-Trichloroethane	1.0	U	10.0	10.8		ug/L		108	68 - 121
1,1,2-Trichloroethane	1.0	U	10.0	10.2		ug/L		102	75 - 115
Cyclohexane	1.0	U	10.0	7.75		ug/L		77	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	10.6		ug/L		106	32 - 139
Ethylene Dibromide	1.0	U	10.0	9.90		ug/L		99	74 - 113
Dichlorodifluoromethane	1.0	U	10.0	7.51		ug/L		75	17 - 128
cis-1,2-Dichloroethene	17		10.0	27.2		ug/L		99	70 - 120
trans-1,2-Dichloroethene	0.62	J	10.0	10.2		ug/L		96	80 - 119
Isopropylbenzene	1.0	U	10.0	8.69		ug/L		87	68 - 116
Methyl acetate	10	U	10.0	8.39	J	ug/L		84	47 - 130
Methyl tert-butyl ether	1.0	U	10.0	9.18		ug/L		92	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	9.07		ug/L		91	70 - 152
1,2,4-Trichlorobenzene	1.0	U	10.0	7.09		ug/L		71	38 - 138
1,2-Dichlorobenzene	1.0	U	10.0	9.06		ug/L		91	75 - 111
1,3-Dichlorobenzene	1.0	U	10.0	8.90		ug/L		89	73 - 110
1,4-Dichlorobenzene	1.0	U	10.0	8.93		ug/L		89	75 - 110
Trichlorofluoromethane	1.0	U	10.0	8.29		ug/L		83	46 - 157
Chlorodibromomethane	1.0	U	10.0	11.6		ug/L		116	56 - 118
Methylcyclohexane	1.0	U	10.0	6.81		ug/L		68	49 - 127
m-Xylene & p-Xylene	2.0		20.0	18.0		ug/L		90	75 - 117
o-Xylene	1.0		10.0	9.20		ug/L		92	76 - 116

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
4-Bromofluorobenzene (Surr)	89		66 - 117
Toluene-d8 (Surr)	93		74 - 115
Dibromofluoromethane (Surr)	92		75 - 121

**Lab Sample ID: 240-27019-3 MSD**

**Matrix: Water**

**Analysis Batch: 94891**

**Client Sample ID: SW-071713-SM-003**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier					
Acetone	1.4	J B	20.0	21.0		ug/L		98	33 - 145	23 30
Benzene	1.0	U	10.0	10.2		ug/L		102	72 - 121	3 30
Dichlorobromomethane	1.0	U	10.0	12.0		ug/L		120	67 - 120	3 30
Bromoform	1.0	U	10.0	11.2		ug/L		112	32 - 128	1 30
Bromomethane	1.0	U	10.0	9.58		ug/L		96	10 - 186	18 30
2-Butanone (MEK)	10	U	20.0	17.1		ug/L		86	54 - 129	4 30
Carbon disulfide	1.0	U	10.0	11.3		ug/L		113	57 - 147	6 30
Carbon tetrachloride	1.0	U	10.0	12.4		ug/L		124	59 - 129	3 30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-27019-3 MSD

Client Sample ID: SW-071713-SM-003

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 94891

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chlorobenzene	1.0	U	10.0	9.53		ug/L		95	80 - 110	3	30
Chloroethane	1.0	U	10.0	9.36		ug/L		94	21 - 165	4	30
Chloroform	1.0	U	10.0	10.6		ug/L		106	76 - 118	8	30
Chloromethane	1.0	U	10.0	8.97		ug/L		90	33 - 132	7	30
1,1-Dichloroethane	0.90	J	10.0	11.5		ug/L		106	79 - 116	8	30
1,2-Dichloroethane	1.0	U	10.0	10.8		ug/L		108	68 - 129	0	30
1,1-Dichloroethene	1.0	U	10.0	9.43		ug/L		94	74 - 135	3	30
1,2-Dichloropropane	1.0	U	10.0	10.5		ug/L		105	78 - 115	0	30
cis-1,3-Dichloropropene	1.0	U	10.0	9.92		ug/L		99	51 - 110	1	30
trans-1,3-Dichloropropene	1.0	U	10.0	9.87		ug/L		99	46 - 116	1	30
Ethylbenzene	1.0	U	10.0	9.48		ug/L		95	75 - 116	3	30
2-Hexanone	10	U	20.0	19.2		ug/L		96	47 - 139	1	30
Methylene Chloride	1.0	U	10.0	9.41		ug/L		94	63 - 128	6	30
4-Methyl-2-pentanone (MIBK)	10	U	20.0	21.5		ug/L		107	56 - 131	6	30
Styrene	1.0	U	10.0	9.48		ug/L		95	71 - 117	5	30
1,1,2,2-Tetrachloroethane	1.0	U	10.0	9.25		ug/L		93	63 - 122	8	30
Tetrachloroethene	1.0	U	10.0	9.01		ug/L		90	70 - 117	1	30
Toluene	1.0	U	10.0	9.53		ug/L		95	78 - 114	2	30
Trichloroethene	1.0	U	10.0	9.75		ug/L		98	66 - 120	3	30
Vinyl chloride	4.8		10.0	15.4		ug/L		106	49 - 130	8	30
Xylenes, Total	2.0	U	30.0	28.7		ug/L		96	76 - 116	5	30
1,1,1-Trichloroethane	1.0	U	10.0	11.0		ug/L		110	68 - 121	2	30
1,1,2-Trichloroethane	1.0	U	10.0	9.52		ug/L		95	75 - 115	7	30
Cyclohexane	1.0	U	10.0	8.40		ug/L		84	49 - 123	8	30
1,2-Dibromo-3-Chloropropane	2.0	U	10.0	10.1		ug/L		101	32 - 139	4	30
Ethylene Dibromide	1.0	U	10.0	9.61		ug/L		96	74 - 113	3	30
Dichlorodifluoromethane	1.0	U	10.0	8.21		ug/L		82	17 - 128	9	30
cis-1,2-Dichloroethene	17		10.0	29.9	F	ug/L		126	70 - 120	10	30
trans-1,2-Dichloroethene	0.62	J	10.0	10.9		ug/L		103	80 - 119	7	30
Isopropylbenzene	1.0	U	10.0	9.49		ug/L		95	68 - 116	9	30
Methyl acetate	10	U	10.0	9.38	J	ug/L		94	47 - 130	11	30
Methyl tert-butyl ether	1.0	U	10.0	9.77		ug/L		98	46 - 144	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	10.0	9.55		ug/L		95	70 - 152	5	30
1,2,4-Trichlorobenzene	1.0	U	10.0	7.48		ug/L		75	38 - 138	5	30
1,2-Dichlorobenzene	1.0	U	10.0	9.17		ug/L		92	75 - 111	1	30
1,3-Dichlorobenzene	1.0	U	10.0	8.99		ug/L		90	73 - 110	1	30
1,4-Dichlorobenzene	1.0	U	10.0	8.82		ug/L		88	75 - 110	1	30
Trichlorofluoromethane	1.0	U	10.0	9.39		ug/L		94	46 - 157	12	30
Chlorodibromomethane	1.0	U	10.0	11.2		ug/L		112	56 - 118	3	30
Methylcyclohexane	1.0	U	10.0	7.48		ug/L		75	49 - 127	9	30
m-Xylene & p-Xylene	2.0		20.0	19.0		ug/L		95	75 - 117	5	30
o-Xylene	1.0		10.0	9.73		ug/L		97	76 - 116	6	30

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		63 - 129
4-Bromofluorobenzene (Surr)	96		66 - 117
Toluene-d8 (Surr)	90		74 - 115

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-27019-3 MSD

Matrix: Water

Analysis Batch: 94891

Client Sample ID: SW-071713-SM-003

Prep Type: Total/NA

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>Dibromofluoromethane (Surr)</i>	94		75 - 121

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## GC/MS VOA

### Analysis Batch: 94891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-27019-1	SW-071713-SM-001	Total/NA	Water	8260B	
240-27019-2	SW-071713-SM-002	Total/NA	Water	8260B	
240-27019-3	SW-071713-SM-003	Total/NA	Water	8260B	
240-27019-3 MS	SW-071713-SM-003	Total/NA	Water	8260B	
240-27019-3 MSD	SW-071713-SM-003	Total/NA	Water	8260B	
240-27019-4	TB-071713-SM-001	Total/NA	Water	8260B	
LCS 240-94891/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-94891/6	Method Blank	Total/NA	Water	8260B	



# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

**Client Sample ID: SW-071713-SM-001**

**Lab Sample ID: 240-27019-1**

Date Collected: 07/17/13 13:45

Matrix: Water

Date Received: 07/18/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	94891	07/25/13 05:28	LRW	TAL CAN

**Client Sample ID: SW-071713-SM-002**

**Lab Sample ID: 240-27019-2**

Date Collected: 07/17/13 14:15

Matrix: Water

Date Received: 07/18/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	94891	07/25/13 05:50	LRW	TAL CAN

**Client Sample ID: SW-071713-SM-003**

**Lab Sample ID: 240-27019-3**

Date Collected: 07/17/13 14:00

Matrix: Water

Date Received: 07/18/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	94891	07/25/13 09:03	LRW	TAL CAN

**Client Sample ID: TB-071713-SM-001**

**Lab Sample ID: 240-27019-4**

Date Collected: 07/17/13 15:00

Matrix: Water

Date Received: 07/18/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	94891	07/25/13 06:11	LRW	TAL CAN

## Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-27019-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-13
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Minnesota	NELAP	5	039-999-348	12-31-13
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	01-19-14
Pennsylvania	NELAP	3	68-00340	08-31-13
Texas	NELAP	6		08-03-13
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-13
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-13



**TestAmerica Canton Sample Receipt Form/Narrative**  
**Canton Facility**

Login # : 27019

Client CRA Site Name \_\_\_\_\_

Cooler unpacked by:  
*Rach D. Green*

Cooler Received on 7/18/13 Opened on \_\_\_\_\_

FedEx: 1<sup>st</sup> Grd  Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box  Client Cooler Box Other \_\_\_\_\_

Packing material used:  Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT:  Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF -1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 4 (CF 0 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	<input type="checkbox"/> See Multiple Cooler Form
IR GUN# 5 (CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C	
IR GUN# 8 (CF -0 °C)	Observed Cooler Temp. <u>3.4</u> °C	Corrected Cooler Temp. <u>3.4</u> °C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity \_\_\_\_\_ Yes  No 
  - Were custody seals on the outside of the cooler(s) signed & dated? Yes No  NA
  - Were custody seals on the bottle(s)? Yes  No
3. Shippers' packing slip attached to the cooler(s)?  Yes No
4. Did custody papers accompany the sample(s)?  Yes No
5. Were the custody papers relinquished & signed in the appropriate place?  Yes No
6. Did all bottles arrive in good condition (Unbroken)?  Yes No
7. Could all bottle labels be reconciled with the COC?  Yes No
8. Were correct bottle(s) used for the test(s) indicated?  Yes No
9. Sufficient quantity received to perform indicated analyses?  Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No  NA pH Strip Lot# HC376062
11. Were VOAs on the COC?  Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes  No  NA
13. Was a trip blank present in the cooler(s)?  Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_  
 Concerning \_\_\_\_\_

**14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES**

Samples processed by:  
*Rach D. Green*

MSMD VOLUME FOR 003 will log

**15. SAMPLE CONDITION**

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.  
 Sample(s) \_\_\_\_\_ were received in a broken container.  
 Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

**16. SAMPLE PRESERVATION**

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.  
 Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-30571-1

Client Project/Site: 17302, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

11/7/2013 3:36:24 PM

Denise Heckler, Project Manager II

(330)966-9477

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)



### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	6
Sample Summary . . . . .	7
Detection Summary . . . . .	8
Client Sample Results . . . . .	11
Surrogate Summary . . . . .	32
QC Sample Results . . . . .	33
QC Association Summary . . . . .	44
Lab Chronicle . . . . .	45
Certification Summary . . . . .	48
Chain of Custody . . . . .	49



## Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

### Qualifiers

#### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

**Job ID: 240-30571-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302, RACER Delphi Anderson**

**Report Number: 240-30571-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 10/24/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.1 C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples GW-102213-SM-001 (240-30571-1), GW-102213-SM-002 (240-30571-2), GW-102213-SM-003 (240-30571-3), GW-102213-SM-004 (240-30571-4), GW-102213-SM-005 (240-30571-5), GW-102213-SM-006 (240-30571-6), GW-102213-SM-007 (240-30571-7), GW-102313-SM-008 (240-30571-8), GW-102313-SM-009 (240-30571-9), RB-102313-SM-010 (240-30571-10), GW-102313-SM-011 (240-30571-11), GW-102313-SM-012 (240-30571-12), GW-102313-SM-013 (240-30571-13), GW-102313-SM-014 (240-30571-14), GW-102313-SM-015 (240-30571-15), GW-102313-SM-016 (240-30571-16), GW-102313-SM-017 (240-30571-17) and TB-102313-SM-018 (240-30571-18) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/04/2013 and 11/05/2013.

Methylene Chloride was detected in method blank MB 240-108444/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 108273 recovered outside control limits for Tetrachloroethene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported.



# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

---

## Job ID: 240-30571-1 (Continued)

---

### Laboratory: TestAmerica Canton (Continued)

There is no MS/MSD for batch 108322 due to instrument failure.

Samples GW-102213-SM-001 (240-30571-1)[1.67X], GW-102213-SM-002 (240-30571-2)[5X], GW-102213-SM-003 (240-30571-3)[5.71X], GW-102213-SM-004 (240-30571-4)[25X], GW-102213-SM-005 (240-30571-5)[1.67X], GW-102313-SM-009 (240-30571-9)[9.09X], GW-102313-SM-014 (240-30571-14)[6.67X], GW-102313-SM-015 (240-30571-15)[333.33X] and GW-102313-SM-017 (240-30571-17) [7.69X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.



# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

---

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

---

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-30571-1	GW-102213-SM-001	Water	10/22/13 10:13	10/24/13 09:15
240-30571-2	GW-102213-SM-002	Water	10/22/13 11:03	10/24/13 09:15
240-30571-3	GW-102213-SM-003	Water	10/22/13 11:35	10/24/13 09:15
240-30571-4	GW-102213-SM-004	Water	10/22/13 12:12	10/24/13 09:15
240-30571-5	GW-102213-SM-005	Water	10/22/13 12:52	10/24/13 09:15
240-30571-6	GW-102213-SM-006	Water	10/22/13 13:57	10/24/13 09:15
240-30571-7	GW-102213-SM-007	Water	10/22/13 14:37	10/24/13 09:15
240-30571-8	GW-102313-SM-008	Water	10/23/13 09:20	10/24/13 09:15
240-30571-9	GW-102313-SM-009	Water	10/23/13 10:06	10/24/13 09:15
240-30571-10	RB-102313-SM-010	Water	10/23/13 10:15	10/24/13 09:15
240-30571-11	GW-102313-SM-011	Water	10/23/13 10:57	10/24/13 09:15
240-30571-12	GW-102313-SM-012	Water	10/23/13 11:00	10/24/13 09:15
240-30571-13	GW-102313-SM-013	Water	10/23/13 11:33	10/24/13 09:15
240-30571-14	GW-102313-SM-014	Water	10/23/13 12:30	10/24/13 09:15
240-30571-15	GW-102313-SM-015	Water	10/23/13 13:17	10/24/13 09:15
240-30571-16	GW-102313-SM-016	Water	10/23/13 14:03	10/24/13 09:15
240-30571-17	GW-102313-SM-017	Water	10/23/13 15:05	10/24/13 09:15
240-30571-18	TB-102313-SM-018	Water	10/23/13 15:30	10/24/13 09:15

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Client Sample ID: GW-102213-SM-001

Lab Sample ID: 240-30571-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	45		1.7	0.37	ug/L	1.67		8260B	Total/NA

## Client Sample ID: GW-102213-SM-002

Lab Sample ID: 240-30571-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.7	J	5.0	0.75	ug/L	5		8260B	Total/NA
Vinyl chloride	66		5.0	1.1	ug/L	5		8260B	Total/NA
cis-1,2-Dichloroethene	150		5.0	0.85	ug/L	5		8260B	Total/NA
trans-1,2-Dichloroethene	2.1	J	5.0	0.95	ug/L	5		8260B	Total/NA

## Client Sample ID: GW-102213-SM-003

Lab Sample ID: 240-30571-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.1	J	57	6.3	ug/L	5.71		8260B	Total/NA
1,1-Dichloroethane	6.2		5.7	0.86	ug/L	5.71		8260B	Total/NA
Vinyl chloride	2.5	J	5.7	1.3	ug/L	5.71		8260B	Total/NA
cis-1,2-Dichloroethene	210		5.7	0.97	ug/L	5.71		8260B	Total/NA
trans-1,2-Dichloroethene	16		5.7	1.1	ug/L	5.71		8260B	Total/NA

## Client Sample ID: GW-102213-SM-004

Lab Sample ID: 240-30571-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	37	J	250	28	ug/L	25		8260B	Total/NA
1,1-Dichloroethane	55		25	3.8	ug/L	25		8260B	Total/NA
Vinyl chloride	160		25	5.5	ug/L	25		8260B	Total/NA
cis-1,2-Dichloroethene	900		25	4.3	ug/L	25		8260B	Total/NA
trans-1,2-Dichloroethene	89		25	4.8	ug/L	25		8260B	Total/NA

## Client Sample ID: GW-102213-SM-005

Lab Sample ID: 240-30571-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5		1.7	0.25	ug/L	1.67		8260B	Total/NA
Vinyl chloride	45		1.7	0.37	ug/L	1.67		8260B	Total/NA
cis-1,2-Dichloroethene	25		1.7	0.28	ug/L	1.67		8260B	Total/NA
trans-1,2-Dichloroethene	1.8		1.7	0.32	ug/L	1.67		8260B	Total/NA
Methyl tert-butyl ether	1.1	J	1.7	0.28	ug/L	1.67		8260B	Total/NA

## Client Sample ID: GW-102213-SM-006

Lab Sample ID: 240-30571-6

No Detections.

## Client Sample ID: GW-102213-SM-007

Lab Sample ID: 240-30571-7

No Detections.

## Client Sample ID: GW-102313-SM-008

Lab Sample ID: 240-30571-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.1	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Client Sample ID: GW-102313-SM-009

Lab Sample ID: 240-30571-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	140		9.1	2.0	ug/L	9.09		8260B	Total/NA
cis-1,2-Dichloroethene	310		9.1	1.5	ug/L	9.09		8260B	Total/NA

## Client Sample ID: RB-102313-SM-010

Lab Sample ID: 240-30571-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.8	J	10	1.1	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102313-SM-011

Lab Sample ID: 240-30571-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.46	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.36	J	1.0	0.17	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102313-SM-012

Lab Sample ID: 240-30571-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.48	J	1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.43	J	1.0	0.17	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102313-SM-013

Lab Sample ID: 240-30571-13

No Detections.

## Client Sample ID: GW-102313-SM-014

Lab Sample ID: 240-30571-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	190		6.7	1.1	ug/L	6.67		8260B	Total/NA
Vinyl chloride	2.9	J	6.7	1.5	ug/L	6.67		8260B	Total/NA
cis-1,2-Dichloroethene	7.5		6.7	1.1	ug/L	6.67		8260B	Total/NA

## Client Sample ID: GW-102313-SM-015

Lab Sample ID: 240-30571-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	180	J	330	50	ug/L	333.33		8260B	Total/NA
Trichloroethene	2000		330	57	ug/L	333.33		8260B	Total/NA
Vinyl chloride	240	J	330	73	ug/L	333.33		8260B	Total/NA
cis-1,2-Dichloroethene	7000		330	57	ug/L	333.33		8260B	Total/NA
trans-1,2-Dichloroethene	150	J	330	63	ug/L	333.33		8260B	Total/NA

## Client Sample ID: GW-102313-SM-016

Lab Sample ID: 240-30571-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.32	J	1.0	0.13	ug/L	1		8260B	Total/NA
Carbon disulfide	0.22	J	1.0	0.13	ug/L	1		8260B	Total/NA
1,1-Dichloroethane	0.30	J	1.0	0.15	ug/L	1		8260B	Total/NA
Trichloroethene	0.66	J	1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.2		1.0	0.17	ug/L	1		8260B	Total/NA
Methyl tert-butyl ether	0.60	J	1.0	0.17	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Client Sample ID: GW-102313-SM-017

Lab Sample ID: 240-30571-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	3.0	J	7.7	1.3	ug/L	7.69		8260B	Total/NA
cis-1,2-Dichloroethene	240		7.7	1.3	ug/L	7.69		8260B	Total/NA
trans-1,2-Dichloroethene	3.9	J	7.7	1.5	ug/L	7.69		8260B	Total/NA

## Client Sample ID: TB-102313-SM-018

Lab Sample ID: 240-30571-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.1	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102213-SM-001**

**Lab Sample ID: 240-30571-1**

**Date Collected: 10/22/13 10:13**

**Matrix: Water**

**Date Received: 10/24/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	1.8	ug/L			11/05/13 13:04	1.67
Benzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			11/05/13 13:04	1.67
Bromoform	1.7	U	1.7	1.1	ug/L			11/05/13 13:04	1.67
Bromomethane	1.7	U	1.7	0.68	ug/L			11/05/13 13:04	1.67
2-Butanone (MEK)	17	U	17	0.95	ug/L			11/05/13 13:04	1.67
Carbon disulfide	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
Chlorobenzene	1.7	U	1.7	0.25	ug/L			11/05/13 13:04	1.67
Chloroethane	1.7	U	1.7	0.48	ug/L			11/05/13 13:04	1.67
Chloroform	1.7	U	1.7	0.27	ug/L			11/05/13 13:04	1.67
Chloromethane	1.7	U	1.7	0.50	ug/L			11/05/13 13:04	1.67
1,1-Dichloroethane	1.7	U	1.7	0.25	ug/L			11/05/13 13:04	1.67
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			11/05/13 13:04	1.67
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			11/05/13 13:04	1.67
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			11/05/13 13:04	1.67
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			11/05/13 13:04	1.67
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			11/05/13 13:04	1.67
Ethylbenzene	1.7	U	1.7	0.28	ug/L			11/05/13 13:04	1.67
2-Hexanone	17	U	17	0.68	ug/L			11/05/13 13:04	1.67
Methylene Chloride	1.7	U	1.7	0.55	ug/L			11/05/13 13:04	1.67
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			11/05/13 13:04	1.67
Styrene	1.7	U	1.7	0.18	ug/L			11/05/13 13:04	1.67
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			11/05/13 13:04	1.67
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			11/05/13 13:04	1.67
Toluene	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
Trichloroethene	1.7	U	1.7	0.28	ug/L			11/05/13 13:04	1.67
<b>Vinyl chloride</b>	<b>45</b>		1.7	0.37	ug/L			11/05/13 13:04	1.67
Xylenes, Total	3.3	U	3.3	0.23	ug/L			11/05/13 13:04	1.67
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			11/05/13 13:04	1.67
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			11/05/13 13:04	1.67
Cyclohexane	1.7	U	1.7	0.20	ug/L			11/05/13 13:04	1.67
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			11/05/13 13:04	1.67
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			11/05/13 13:04	1.67
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			11/05/13 13:04	1.67
cis-1,2-Dichloroethene	1.7	U	1.7	0.28	ug/L			11/05/13 13:04	1.67
trans-1,2-Dichloroethene	1.7	U	1.7	0.32	ug/L			11/05/13 13:04	1.67
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
Methyl acetate	17	U	17	0.63	ug/L			11/05/13 13:04	1.67
Methyl tert-butyl ether	1.7	U	1.7	0.28	ug/L			11/05/13 13:04	1.67
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			11/05/13 13:04	1.67
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			11/05/13 13:04	1.67
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			11/05/13 13:04	1.67
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			11/05/13 13:04	1.67
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			11/05/13 13:04	1.67
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			11/05/13 13:04	1.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		63 - 129		11/05/13 13:04	1.67
4-Bromofluorobenzene (Surr)	68		66 - 117		11/05/13 13:04	1.67
Toluene-d8 (Surr)	78		74 - 115		11/05/13 13:04	1.67
Dibromofluoromethane (Surr)	114		75 - 121		11/05/13 13:04	1.67

**Client Sample ID: GW-102213-SM-002**

**Lab Sample ID: 240-30571-2**

**Date Collected: 10/22/13 11:03**

**Matrix: Water**

**Date Received: 10/24/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50	U	50	5.5	ug/L			11/05/13 13:27	5
Benzene	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
Dichlorobromomethane	5.0	U	5.0	0.75	ug/L			11/05/13 13:27	5
Bromoform	5.0	U	5.0	3.2	ug/L			11/05/13 13:27	5
Bromomethane	5.0	U	5.0	2.1	ug/L			11/05/13 13:27	5
2-Butanone (MEK)	50	U	50	2.9	ug/L			11/05/13 13:27	5
Carbon disulfide	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
Carbon tetrachloride	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
Chlorobenzene	5.0	U	5.0	0.75	ug/L			11/05/13 13:27	5
Chloroethane	5.0	U	5.0	1.5	ug/L			11/05/13 13:27	5
Chloroform	5.0	U	5.0	0.80	ug/L			11/05/13 13:27	5
Chloromethane	5.0	U	5.0	1.5	ug/L			11/05/13 13:27	5
<b>1,1-Dichloroethane</b>	<b>3.7</b>	<b>J</b>	5.0	0.75	ug/L			11/05/13 13:27	5
1,2-Dichloroethane	5.0	U	5.0	1.1	ug/L			11/05/13 13:27	5
1,1-Dichloroethene	5.0	U	5.0	0.95	ug/L			11/05/13 13:27	5
1,2-Dichloropropane	5.0	U	5.0	0.90	ug/L			11/05/13 13:27	5
cis-1,3-Dichloropropene	5.0	U	5.0	0.70	ug/L			11/05/13 13:27	5
trans-1,3-Dichloropropene	5.0	U	5.0	0.95	ug/L			11/05/13 13:27	5
Ethylbenzene	5.0	U	5.0	0.85	ug/L			11/05/13 13:27	5
2-Hexanone	50	U	50	2.1	ug/L			11/05/13 13:27	5
Methylene Chloride	5.0	U	5.0	1.7	ug/L			11/05/13 13:27	5
4-Methyl-2-pentanone (MIBK)	50	U	50	1.6	ug/L			11/05/13 13:27	5
Styrene	5.0	U	5.0	0.55	ug/L			11/05/13 13:27	5
1,1,2,2-Tetrachloroethane	5.0	U	5.0	0.90	ug/L			11/05/13 13:27	5
Tetrachloroethene	5.0	U	5.0	1.5	ug/L			11/05/13 13:27	5
Toluene	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
Trichloroethene	5.0	U	5.0	0.85	ug/L			11/05/13 13:27	5
<b>Vinyl chloride</b>	<b>66</b>		5.0	1.1	ug/L			11/05/13 13:27	5
Xylenes, Total	10	U	10	0.70	ug/L			11/05/13 13:27	5
1,1,1-Trichloroethane	5.0	U	5.0	1.1	ug/L			11/05/13 13:27	5
1,1,2-Trichloroethane	5.0	U	5.0	1.4	ug/L			11/05/13 13:27	5
Cyclohexane	5.0	U	5.0	0.60	ug/L			11/05/13 13:27	5
1,2-Dibromo-3-Chloropropane	10	U	10	3.4	ug/L			11/05/13 13:27	5
Ethylene Dibromide	5.0	U	5.0	1.2	ug/L			11/05/13 13:27	5
Dichlorodifluoromethane	5.0	U	5.0	1.6	ug/L			11/05/13 13:27	5
<b>cis-1,2-Dichloroethene</b>	<b>150</b>		5.0	0.85	ug/L			11/05/13 13:27	5
<b>trans-1,2-Dichloroethene</b>	<b>2.1</b>	<b>J</b>	5.0	0.95	ug/L			11/05/13 13:27	5
Isopropylbenzene	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
Methyl acetate	50	U	50	1.9	ug/L			11/05/13 13:27	5
Methyl tert-butyl ether	5.0	U	5.0	0.85	ug/L			11/05/13 13:27	5
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	1.4	ug/L			11/05/13 13:27	5
1,2,4-Trichlorobenzene	5.0	U	5.0	0.75	ug/L			11/05/13 13:27	5
1,2-Dichlorobenzene	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102213-SM-002**

**Date Collected: 10/22/13 11:03**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	5.0	U	5.0	0.70	ug/L			11/05/13 13:27	5
1,4-Dichlorobenzene	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
Trichlorofluoromethane	5.0	U	5.0	1.1	ug/L			11/05/13 13:27	5
Chlorodibromomethane	5.0	U	5.0	0.90	ug/L			11/05/13 13:27	5
Methylcyclohexane	5.0	U	5.0	0.65	ug/L			11/05/13 13:27	5
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	95		63 - 129					11/05/13 13:27	5
4-Bromofluorobenzene (Surr)	69		66 - 117					11/05/13 13:27	5
Toluene-d8 (Surr)	79		74 - 115					11/05/13 13:27	5
Dibromofluoromethane (Surr)	113		75 - 121					11/05/13 13:27	5

**Client Sample ID: GW-102213-SM-003**

**Date Collected: 10/22/13 11:35**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>9.1</b>	<b>J</b>	57	6.3	ug/L			11/04/13 19:53	5.71
Benzene	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
Dichlorobromomethane	5.7	U	5.7	0.86	ug/L			11/04/13 19:53	5.71
Bromoform	5.7	U	5.7	3.7	ug/L			11/04/13 19:53	5.71
Bromomethane	5.7	U	5.7	2.3	ug/L			11/04/13 19:53	5.71
2-Butanone (MEK)	57	U	57	3.3	ug/L			11/04/13 19:53	5.71
Carbon disulfide	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
Carbon tetrachloride	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
Chlorobenzene	5.7	U	5.7	0.86	ug/L			11/04/13 19:53	5.71
Chloroethane	5.7	U	5.7	1.7	ug/L			11/04/13 19:53	5.71
Chloroform	5.7	U	5.7	0.91	ug/L			11/04/13 19:53	5.71
Chloromethane	5.7	U	5.7	1.7	ug/L			11/04/13 19:53	5.71
<b>1,1-Dichloroethane</b>	<b>6.2</b>		5.7	0.86	ug/L			11/04/13 19:53	5.71
1,2-Dichloroethane	5.7	U	5.7	1.3	ug/L			11/04/13 19:53	5.71
1,1-Dichloroethene	5.7	U	5.7	1.1	ug/L			11/04/13 19:53	5.71
1,2-Dichloropropane	5.7	U	5.7	1.0	ug/L			11/04/13 19:53	5.71
cis-1,3-Dichloropropene	5.7	U	5.7	0.80	ug/L			11/04/13 19:53	5.71
trans-1,3-Dichloropropene	5.7	U	5.7	1.1	ug/L			11/04/13 19:53	5.71
Ethylbenzene	5.7	U	5.7	0.97	ug/L			11/04/13 19:53	5.71
2-Hexanone	57	U	57	2.3	ug/L			11/04/13 19:53	5.71
Methylene Chloride	5.7	U	5.7	1.9	ug/L			11/04/13 19:53	5.71
4-Methyl-2-pentanone (MIBK)	57	U	57	1.8	ug/L			11/04/13 19:53	5.71
Styrene	5.7	U	5.7	0.63	ug/L			11/04/13 19:53	5.71
1,1,1,2-Tetrachloroethane	5.7	U	5.7	1.0	ug/L			11/04/13 19:53	5.71
Tetrachloroethene	5.7	U*	5.7	1.7	ug/L			11/04/13 19:53	5.71
Toluene	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
Trichloroethene	5.7	U	5.7	0.97	ug/L			11/04/13 19:53	5.71
<b>Vinyl chloride</b>	<b>2.5</b>	<b>J</b>	5.7	1.3	ug/L			11/04/13 19:53	5.71
Xylenes, Total	11	U	11	0.80	ug/L			11/04/13 19:53	5.71
1,1,1-Trichloroethane	5.7	U	5.7	1.3	ug/L			11/04/13 19:53	5.71
1,1,2-Trichloroethane	5.7	U	5.7	1.5	ug/L			11/04/13 19:53	5.71
Cyclohexane	5.7	U	5.7	0.69	ug/L			11/04/13 19:53	5.71
1,2-Dibromo-3-Chloropropane	11	U	11	3.8	ug/L			11/04/13 19:53	5.71
Ethylene Dibromide	5.7	U	5.7	1.4	ug/L			11/04/13 19:53	5.71

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102213-SM-003**

**Date Collected: 10/22/13 11:35**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	5.7	U	5.7	1.8	ug/L			11/04/13 19:53	5.71
<b>cis-1,2-Dichloroethene</b>	<b>210</b>		5.7	0.97	ug/L			11/04/13 19:53	5.71
<b>trans-1,2-Dichloroethene</b>	<b>16</b>		5.7	1.1	ug/L			11/04/13 19:53	5.71
Isopropylbenzene	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
Methyl acetate	57	U	57	2.2	ug/L			11/04/13 19:53	5.71
Methyl tert-butyl ether	5.7	U	5.7	0.97	ug/L			11/04/13 19:53	5.71
1,1,2-Trichloro-1,2,2-trifluoroethane	5.7	U	5.7	1.6	ug/L			11/04/13 19:53	5.71
1,2,4-Trichlorobenzene	5.7	U	5.7	0.86	ug/L			11/04/13 19:53	5.71
1,2-Dichlorobenzene	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
1,3-Dichlorobenzene	5.7	U	5.7	0.80	ug/L			11/04/13 19:53	5.71
1,4-Dichlorobenzene	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
Trichlorofluoromethane	5.7	U	5.7	1.2	ug/L			11/04/13 19:53	5.71
Chlorodibromomethane	5.7	U	5.7	1.0	ug/L			11/04/13 19:53	5.71
Methylcyclohexane	5.7	U	5.7	0.74	ug/L			11/04/13 19:53	5.71
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	92		63 - 129					11/04/13 19:53	5.71
<i>4-Bromofluorobenzene (Surr)</i>	73		66 - 117					11/04/13 19:53	5.71
<i>Toluene-d8 (Surr)</i>	77		74 - 115					11/04/13 19:53	5.71
<i>Dibromofluoromethane (Surr)</i>	111		75 - 121					11/04/13 19:53	5.71

**Client Sample ID: GW-102213-SM-004**

**Date Collected: 10/22/13 12:12**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>37</b>	<b>J</b>	250	28	ug/L			11/04/13 20:15	25
Benzene	25	U	25	3.3	ug/L			11/04/13 20:15	25
Dichlorobromomethane	25	U	25	3.8	ug/L			11/04/13 20:15	25
Bromoform	25	U	25	16	ug/L			11/04/13 20:15	25
Bromomethane	25	U	25	10	ug/L			11/04/13 20:15	25
2-Butanone (MEK)	250	U	250	14	ug/L			11/04/13 20:15	25
Carbon disulfide	25	U	25	3.3	ug/L			11/04/13 20:15	25
Carbon tetrachloride	25	U	25	3.3	ug/L			11/04/13 20:15	25
Chlorobenzene	25	U	25	3.8	ug/L			11/04/13 20:15	25
Chloroethane	25	U	25	7.3	ug/L			11/04/13 20:15	25
Chloroform	25	U	25	4.0	ug/L			11/04/13 20:15	25
Chloromethane	25	U	25	7.5	ug/L			11/04/13 20:15	25
<b>1,1-Dichloroethane</b>	<b>55</b>		25	3.8	ug/L			11/04/13 20:15	25
1,2-Dichloroethane	25	U	25	5.5	ug/L			11/04/13 20:15	25
1,1-Dichloroethene	25	U	25	4.8	ug/L			11/04/13 20:15	25
1,2-Dichloropropane	25	U	25	4.5	ug/L			11/04/13 20:15	25
cis-1,3-Dichloropropene	25	U	25	3.5	ug/L			11/04/13 20:15	25
trans-1,3-Dichloropropene	25	U	25	4.8	ug/L			11/04/13 20:15	25
Ethylbenzene	25	U	25	4.3	ug/L			11/04/13 20:15	25
2-Hexanone	250	U	250	10	ug/L			11/04/13 20:15	25
Methylene Chloride	25	U	25	8.3	ug/L			11/04/13 20:15	25
4-Methyl-2-pentanone (MIBK)	250	U	250	8.0	ug/L			11/04/13 20:15	25
Styrene	25	U	25	2.8	ug/L			11/04/13 20:15	25
1,1,1,2-Tetrachloroethane	25	U	25	4.5	ug/L			11/04/13 20:15	25
Tetrachloroethene	25	U*	25	7.3	ug/L			11/04/13 20:15	25

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102213-SM-004**

**Date Collected: 10/22/13 12:12**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	25	U	25	3.3	ug/L			11/04/13 20:15	25
Trichloroethene	25	U	25	4.3	ug/L			11/04/13 20:15	25
<b>Vinyl chloride</b>	<b>160</b>		25	5.5	ug/L			11/04/13 20:15	25
Xylenes, Total	50	U	50	3.5	ug/L			11/04/13 20:15	25
1,1,1-Trichloroethane	25	U	25	5.5	ug/L			11/04/13 20:15	25
1,1,2-Trichloroethane	25	U	25	6.8	ug/L			11/04/13 20:15	25
Cyclohexane	25	U	25	3.0	ug/L			11/04/13 20:15	25
1,2-Dibromo-3-Chloropropane	50	U	50	17	ug/L			11/04/13 20:15	25
Ethylene Dibromide	25	U	25	6.0	ug/L			11/04/13 20:15	25
Dichlorodifluoromethane	25	U	25	7.8	ug/L			11/04/13 20:15	25
<b>cis-1,2-Dichloroethene</b>	<b>900</b>		25	4.3	ug/L			11/04/13 20:15	25
<b>trans-1,2-Dichloroethene</b>	<b>89</b>		25	4.8	ug/L			11/04/13 20:15	25
Isopropylbenzene	25	U	25	3.3	ug/L			11/04/13 20:15	25
Methyl acetate	250	U	250	9.5	ug/L			11/04/13 20:15	25
Methyl tert-butyl ether	25	U	25	4.3	ug/L			11/04/13 20:15	25
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	25	7.0	ug/L			11/04/13 20:15	25
1,2,4-Trichlorobenzene	25	U	25	3.8	ug/L			11/04/13 20:15	25
1,2-Dichlorobenzene	25	U	25	3.3	ug/L			11/04/13 20:15	25
1,3-Dichlorobenzene	25	U	25	3.5	ug/L			11/04/13 20:15	25
1,4-Dichlorobenzene	25	U	25	3.3	ug/L			11/04/13 20:15	25
Trichlorofluoromethane	25	U	25	5.3	ug/L			11/04/13 20:15	25
Chlorodibromomethane	25	U	25	4.5	ug/L			11/04/13 20:15	25
Methylcyclohexane	25	U	25	3.3	ug/L			11/04/13 20:15	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		63 - 129		11/04/13 20:15	25
<i>4-Bromofluorobenzene (Surr)</i>	73		66 - 117		11/04/13 20:15	25
<i>Toluene-d8 (Surr)</i>	77		74 - 115		11/04/13 20:15	25
<i>Dibromofluoromethane (Surr)</i>	113		75 - 121		11/04/13 20:15	25

**Client Sample ID: GW-102213-SM-005**

**Date Collected: 10/22/13 12:52**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	17	U	17	1.8	ug/L			11/05/13 13:50	1.67
Benzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
Dichlorobromomethane	1.7	U	1.7	0.25	ug/L			11/05/13 13:50	1.67
Bromoform	1.7	U	1.7	1.1	ug/L			11/05/13 13:50	1.67
Bromomethane	1.7	U	1.7	0.68	ug/L			11/05/13 13:50	1.67
2-Butanone (MEK)	17	U	17	0.95	ug/L			11/05/13 13:50	1.67
Carbon disulfide	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
Carbon tetrachloride	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
Chlorobenzene	1.7	U	1.7	0.25	ug/L			11/05/13 13:50	1.67
Chloroethane	1.7	U	1.7	0.48	ug/L			11/05/13 13:50	1.67
Chloroform	1.7	U	1.7	0.27	ug/L			11/05/13 13:50	1.67
Chloromethane	1.7	U	1.7	0.50	ug/L			11/05/13 13:50	1.67
<b>1,1-Dichloroethane</b>	<b>3.5</b>		1.7	0.25	ug/L			11/05/13 13:50	1.67
1,2-Dichloroethane	1.7	U	1.7	0.37	ug/L			11/05/13 13:50	1.67
1,1-Dichloroethene	1.7	U	1.7	0.32	ug/L			11/05/13 13:50	1.67
1,2-Dichloropropane	1.7	U	1.7	0.30	ug/L			11/05/13 13:50	1.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102213-SM-005**

**Date Collected: 10/22/13 12:52**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.7	U	1.7	0.23	ug/L			11/05/13 13:50	1.67
trans-1,3-Dichloropropene	1.7	U	1.7	0.32	ug/L			11/05/13 13:50	1.67
Ethylbenzene	1.7	U	1.7	0.28	ug/L			11/05/13 13:50	1.67
2-Hexanone	17	U	17	0.68	ug/L			11/05/13 13:50	1.67
Methylene Chloride	1.7	U	1.7	0.55	ug/L			11/05/13 13:50	1.67
4-Methyl-2-pentanone (MIBK)	17	U	17	0.53	ug/L			11/05/13 13:50	1.67
Styrene	1.7	U	1.7	0.18	ug/L			11/05/13 13:50	1.67
1,1,2,2-Tetrachloroethane	1.7	U	1.7	0.30	ug/L			11/05/13 13:50	1.67
Tetrachloroethene	1.7	U	1.7	0.48	ug/L			11/05/13 13:50	1.67
Toluene	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
Trichloroethene	1.7	U	1.7	0.28	ug/L			11/05/13 13:50	1.67
<b>Vinyl chloride</b>	<b>45</b>		1.7	0.37	ug/L			11/05/13 13:50	1.67
Xylenes, Total	3.3	U	3.3	0.23	ug/L			11/05/13 13:50	1.67
1,1,1-Trichloroethane	1.7	U	1.7	0.37	ug/L			11/05/13 13:50	1.67
1,1,2-Trichloroethane	1.7	U	1.7	0.45	ug/L			11/05/13 13:50	1.67
Cyclohexane	1.7	U	1.7	0.20	ug/L			11/05/13 13:50	1.67
1,2-Dibromo-3-Chloropropane	3.3	U	3.3	1.1	ug/L			11/05/13 13:50	1.67
Ethylene Dibromide	1.7	U	1.7	0.40	ug/L			11/05/13 13:50	1.67
Dichlorodifluoromethane	1.7	U	1.7	0.52	ug/L			11/05/13 13:50	1.67
<b>cis-1,2-Dichloroethene</b>	<b>25</b>		1.7	0.28	ug/L			11/05/13 13:50	1.67
<b>trans-1,2-Dichloroethene</b>	<b>1.8</b>		1.7	0.32	ug/L			11/05/13 13:50	1.67
Isopropylbenzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
Methyl acetate	17	U	17	0.63	ug/L			11/05/13 13:50	1.67
<b>Methyl tert-butyl ether</b>	<b>1.1</b>	<b>J</b>	1.7	0.28	ug/L			11/05/13 13:50	1.67
1,1,2-Trichloro-1,2,2-trifluoroethane	1.7	U	1.7	0.47	ug/L			11/05/13 13:50	1.67
1,2,4-Trichlorobenzene	1.7	U	1.7	0.25	ug/L			11/05/13 13:50	1.67
1,2-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
1,3-Dichlorobenzene	1.7	U	1.7	0.23	ug/L			11/05/13 13:50	1.67
1,4-Dichlorobenzene	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67
Trichlorofluoromethane	1.7	U	1.7	0.35	ug/L			11/05/13 13:50	1.67
Chlorodibromomethane	1.7	U	1.7	0.30	ug/L			11/05/13 13:50	1.67
Methylcyclohexane	1.7	U	1.7	0.22	ug/L			11/05/13 13:50	1.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		11/05/13 13:50	1.67
4-Bromofluorobenzene (Surr)	69		66 - 117		11/05/13 13:50	1.67
Toluene-d8 (Surr)	79		74 - 115		11/05/13 13:50	1.67
Dibromofluoromethane (Surr)	112		75 - 121		11/05/13 13:50	1.67

**Client Sample ID: GW-102213-SM-006**

**Date Collected: 10/22/13 13:57**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 21:00	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:00	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 21:00	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 21:00	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 21:00	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102213-SM-006**

**Lab Sample ID: 240-30571-6**

**Date Collected: 10/22/13 13:57**

**Matrix: Water**

**Date Received: 10/24/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:00	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 21:00	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 21:00	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 21:00	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:00	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:00	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:00	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 21:00	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 21:00	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 21:00	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 21:00	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 21:00	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 21:00	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 21:00	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 21:00	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:00	1
Tetrachloroethene	1.0	U*	1.0	0.29	ug/L			11/04/13 21:00	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:00	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 21:00	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 21:00	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:00	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 21:00	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 21:00	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 21:00	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 21:00	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 21:00	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:00	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:00	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 21:00	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 21:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 21:00	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:00	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 21:00	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 21:00	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:00	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129					11/04/13 21:00	1
4-Bromofluorobenzene (Surr)	68		66 - 117					11/04/13 21:00	1
Toluene-d8 (Surr)	78		74 - 115					11/04/13 21:00	1
Dibromofluoromethane (Surr)	114		75 - 121					11/04/13 21:00	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102213-SM-007**

**Date Collected: 10/22/13 14:37**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 21:23	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 21:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 21:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 21:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 21:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 21:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 21:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 21:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 21:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 21:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 21:23	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 21:23	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 21:23	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 21:23	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 21:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:23	1
Tetrachloroethene	1.0	U*	1.0	0.29	ug/L			11/04/13 21:23	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 21:23	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 21:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 21:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 21:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 21:23	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 21:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 21:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 21:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 21:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 21:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 21:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 21:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 21:23	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		11/04/13 21:23	1
4-Bromofluorobenzene (Surr)	68		66 - 117		11/04/13 21:23	1
Toluene-d8 (Surr)	77		74 - 115		11/04/13 21:23	1
Dibromofluoromethane (Surr)	114		75 - 121		11/04/13 21:23	1

**Client Sample ID: GW-102313-SM-008**

**Lab Sample ID: 240-30571-8**

**Date Collected: 10/23/13 09:20**

**Matrix: Water**

**Date Received: 10/24/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1.1	J	10	1.1	ug/L			11/04/13 21:45	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 21:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 21:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 21:45	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 21:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 21:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 21:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 21:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 21:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 21:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 21:45	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 21:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 21:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 21:45	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 21:45	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:45	1
Tetrachloroethene	1.0	U*	1.0	0.29	ug/L			11/04/13 21:45	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 21:45	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 21:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 21:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 21:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 21:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 21:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 21:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 21:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 21:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 21:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-008**

**Date Collected: 10/23/13 09:20**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 21:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 21:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 21:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	96		63 - 129					11/04/13 21:45	1
4-Bromofluorobenzene (Surr)	71		66 - 117					11/04/13 21:45	1
Toluene-d8 (Surr)	78		74 - 115					11/04/13 21:45	1
Dibromofluoromethane (Surr)	116		75 - 121					11/04/13 21:45	1

**Client Sample ID: GW-102313-SM-009**

**Date Collected: 10/23/13 10:06**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	91	U	91	10	ug/L			11/04/13 19:32	9.09
Benzene	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
Dichlorobromomethane	9.1	U	9.1	1.4	ug/L			11/04/13 19:32	9.09
Bromoform	9.1	U	9.1	5.8	ug/L			11/04/13 19:32	9.09
Bromomethane	9.1	U	9.1	3.7	ug/L			11/04/13 19:32	9.09
2-Butanone (MEK)	91	U	91	5.2	ug/L			11/04/13 19:32	9.09
Carbon disulfide	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
Carbon tetrachloride	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
Chlorobenzene	9.1	U	9.1	1.4	ug/L			11/04/13 19:32	9.09
Chloroethane	9.1	U	9.1	2.6	ug/L			11/04/13 19:32	9.09
Chloroform	9.1	U	9.1	1.5	ug/L			11/04/13 19:32	9.09
Chloromethane	9.1	U	9.1	2.7	ug/L			11/04/13 19:32	9.09
1,1-Dichloroethane	9.1	U	9.1	1.4	ug/L			11/04/13 19:32	9.09
1,2-Dichloroethane	9.1	U	9.1	2.0	ug/L			11/04/13 19:32	9.09
1,1-Dichloroethene	9.1	U	9.1	1.7	ug/L			11/04/13 19:32	9.09
1,2-Dichloropropane	9.1	U	9.1	1.6	ug/L			11/04/13 19:32	9.09
cis-1,3-Dichloropropene	9.1	U	9.1	1.3	ug/L			11/04/13 19:32	9.09
trans-1,3-Dichloropropene	9.1	U	9.1	1.7	ug/L			11/04/13 19:32	9.09
Ethylbenzene	9.1	U	9.1	1.5	ug/L			11/04/13 19:32	9.09
2-Hexanone	91	U	91	3.7	ug/L			11/04/13 19:32	9.09
Methylene Chloride	9.1	U	9.1	3.0	ug/L			11/04/13 19:32	9.09
4-Methyl-2-pentanone (MIBK)	91	U	91	2.9	ug/L			11/04/13 19:32	9.09
Styrene	9.1	U	9.1	1.0	ug/L			11/04/13 19:32	9.09
1,1,1,2-Tetrachloroethane	9.1	U	9.1	1.6	ug/L			11/04/13 19:32	9.09
Tetrachloroethene	9.1	U	9.1	2.6	ug/L			11/04/13 19:32	9.09
Toluene	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
Trichloroethene	9.1	U	9.1	1.5	ug/L			11/04/13 19:32	9.09
<b>Vinyl chloride</b>	<b>140</b>		9.1	2.0	ug/L			11/04/13 19:32	9.09
Xylenes, Total	18	U	18	1.3	ug/L			11/04/13 19:32	9.09
1,1,1-Trichloroethane	9.1	U	9.1	2.0	ug/L			11/04/13 19:32	9.09
1,1,2-Trichloroethane	9.1	U	9.1	2.5	ug/L			11/04/13 19:32	9.09
Cyclohexane	9.1	U	9.1	1.1	ug/L			11/04/13 19:32	9.09
1,2-Dibromo-3-Chloropropane	18	U	18	6.1	ug/L			11/04/13 19:32	9.09
Ethylene Dibromide	9.1	U	9.1	2.2	ug/L			11/04/13 19:32	9.09

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-009**

**Date Collected: 10/23/13 10:06**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	9.1	U	9.1	2.8	ug/L			11/04/13 19:32	9.09
<b>cis-1,2-Dichloroethene</b>	<b>310</b>		9.1	1.5	ug/L			11/04/13 19:32	9.09
trans-1,2-Dichloroethene	9.1	U	9.1	1.7	ug/L			11/04/13 19:32	9.09
Isopropylbenzene	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
Methyl acetate	91	U	91	3.5	ug/L			11/04/13 19:32	9.09
Methyl tert-butyl ether	9.1	U	9.1	1.5	ug/L			11/04/13 19:32	9.09
1,1,2-Trichloro-1,2,2-trifluoroethane	9.1	U	9.1	2.5	ug/L			11/04/13 19:32	9.09
1,2,4-Trichlorobenzene	9.1	U	9.1	1.4	ug/L			11/04/13 19:32	9.09
1,2-Dichlorobenzene	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
1,3-Dichlorobenzene	9.1	U	9.1	1.3	ug/L			11/04/13 19:32	9.09
1,4-Dichlorobenzene	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
Trichlorofluoromethane	9.1	U	9.1	1.9	ug/L			11/04/13 19:32	9.09
Chlorodibromomethane	9.1	U	9.1	1.6	ug/L			11/04/13 19:32	9.09
Methylcyclohexane	9.1	U	9.1	1.2	ug/L			11/04/13 19:32	9.09
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	86		63 - 129					11/04/13 19:32	9.09
<i>4-Bromofluorobenzene (Surr)</i>	79		66 - 117					11/04/13 19:32	9.09
<i>Toluene-d8 (Surr)</i>	85		74 - 115					11/04/13 19:32	9.09
<i>Dibromofluoromethane (Surr)</i>	88		75 - 121					11/04/13 19:32	9.09

**Client Sample ID: RB-102313-SM-010**

**Date Collected: 10/23/13 10:15**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.8</b>	<b>J</b>	10	1.1	ug/L			11/04/13 19:54	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 19:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 19:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 19:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 19:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 19:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 19:54	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 19:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 19:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 19:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 19:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 19:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 19:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 19:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 19:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 19:54	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 19:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 19:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 19:54	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 19:54	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 19:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 19:54	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-102313-SM-010**

**Date Collected: 10/23/13 10:15**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 19:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 19:54	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 19:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 19:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 19:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 19:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 19:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 19:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 19:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 19:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 19:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 19:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 19:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 19:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 19:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 19:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 19:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 19:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		11/04/13 19:54	1
4-Bromofluorobenzene (Surr)	76		66 - 117		11/04/13 19:54	1
Toluene-d8 (Surr)	84		74 - 115		11/04/13 19:54	1
Dibromofluoromethane (Surr)	94		75 - 121		11/04/13 19:54	1

**Client Sample ID: GW-102313-SM-011**

**Date Collected: 10/23/13 10:57**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 20:17	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 20:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 20:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 20:17	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 20:17	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 20:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 20:17	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 20:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 20:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 20:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 20:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 20:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 20:17	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-011**

**Date Collected: 10/23/13 10:57**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 20:17	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 20:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 20:17	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 20:17	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 20:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 20:17	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 20:17	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 20:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 20:17	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 20:17	1
<b>Vinyl chloride</b>	<b>0.46</b>	<b>J</b>	1.0	0.22	ug/L			11/04/13 20:17	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 20:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 20:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 20:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 20:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 20:17	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 20:17	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 20:17	1
<b>cis-1,2-Dichloroethene</b>	<b>0.36</b>	<b>J</b>	1.0	0.17	ug/L			11/04/13 20:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 20:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 20:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 20:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 20:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 20:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 20:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 20:17	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 20:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		11/04/13 20:17	1
4-Bromofluorobenzene (Surr)	73		66 - 117		11/04/13 20:17	1
Toluene-d8 (Surr)	82		74 - 115		11/04/13 20:17	1
Dibromofluoromethane (Surr)	93		75 - 121		11/04/13 20:17	1

**Client Sample ID: GW-102313-SM-012**

**Date Collected: 10/23/13 11:00**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-12**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 20:39	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 20:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 20:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 20:39	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 20:39	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-012**

**Lab Sample ID: 240-30571-12**

**Date Collected: 10/23/13 11:00**

**Matrix: Water**

**Date Received: 10/24/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 20:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 20:39	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 20:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 20:39	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 20:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 20:39	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 20:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 20:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 20:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 20:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 20:39	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 20:39	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 20:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 20:39	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 20:39	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 20:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 20:39	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 20:39	1
<b>Vinyl chloride</b>	<b>0.48</b>	<b>J</b>	1.0	0.22	ug/L			11/04/13 20:39	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 20:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 20:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 20:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 20:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 20:39	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 20:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 20:39	1
<b>cis-1,2-Dichloroethene</b>	<b>0.43</b>	<b>J</b>	1.0	0.17	ug/L			11/04/13 20:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 20:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 20:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 20:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 20:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 20:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 20:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 20:39	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 20:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129					11/04/13 20:39	1
4-Bromofluorobenzene (Surr)	77		66 - 117					11/04/13 20:39	1
Toluene-d8 (Surr)	84		74 - 115					11/04/13 20:39	1
Dibromofluoromethane (Surr)	95		75 - 121					11/04/13 20:39	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102313-SM-013**

**Date Collected: 10/23/13 11:33**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-13**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 21:02	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:02	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 21:02	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 21:02	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 21:02	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:02	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 21:02	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 21:02	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 21:02	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 21:02	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:02	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:02	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 21:02	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 21:02	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 21:02	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 21:02	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 21:02	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 21:02	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 21:02	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 21:02	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:02	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 21:02	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:02	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 21:02	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 21:02	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 21:02	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 21:02	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 21:02	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 21:02	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 21:02	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 21:02	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 21:02	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 21:02	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 21:02	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 21:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 21:02	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 21:02	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 21:02	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 21:02	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 21:02	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 21:02	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		63 - 129		11/04/13 21:02	1
4-Bromofluorobenzene (Surr)	76		66 - 117		11/04/13 21:02	1
Toluene-d8 (Surr)	83		74 - 115		11/04/13 21:02	1
Dibromofluoromethane (Surr)	97		75 - 121		11/04/13 21:02	1

**Client Sample ID: GW-102313-SM-014**

**Lab Sample ID: 240-30571-14**

**Date Collected: 10/23/13 12:30**

**Matrix: Water**

**Date Received: 10/24/13 09:15**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	67	U	67	7.3	ug/L			11/04/13 21:24	6.67
Benzene	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
Dichlorobromomethane	6.7	U	6.7	1.0	ug/L			11/04/13 21:24	6.67
Bromoform	6.7	U	6.7	4.3	ug/L			11/04/13 21:24	6.67
Bromomethane	6.7	U	6.7	2.7	ug/L			11/04/13 21:24	6.67
2-Butanone (MEK)	67	U	67	3.8	ug/L			11/04/13 21:24	6.67
Carbon disulfide	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
Carbon tetrachloride	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
Chlorobenzene	6.7	U	6.7	1.0	ug/L			11/04/13 21:24	6.67
Chloroethane	6.7	U	6.7	1.9	ug/L			11/04/13 21:24	6.67
Chloroform	6.7	U	6.7	1.1	ug/L			11/04/13 21:24	6.67
Chloromethane	6.7	U	6.7	2.0	ug/L			11/04/13 21:24	6.67
1,1-Dichloroethane	6.7	U	6.7	1.0	ug/L			11/04/13 21:24	6.67
1,2-Dichloroethane	6.7	U	6.7	1.5	ug/L			11/04/13 21:24	6.67
1,1-Dichloroethene	6.7	U	6.7	1.3	ug/L			11/04/13 21:24	6.67
1,2-Dichloropropane	6.7	U	6.7	1.2	ug/L			11/04/13 21:24	6.67
cis-1,3-Dichloropropene	6.7	U	6.7	0.93	ug/L			11/04/13 21:24	6.67
trans-1,3-Dichloropropene	6.7	U	6.7	1.3	ug/L			11/04/13 21:24	6.67
Ethylbenzene	6.7	U	6.7	1.1	ug/L			11/04/13 21:24	6.67
2-Hexanone	67	U	67	2.7	ug/L			11/04/13 21:24	6.67
Methylene Chloride	6.7	U	6.7	2.2	ug/L			11/04/13 21:24	6.67
4-Methyl-2-pentanone (MIBK)	67	U	67	2.1	ug/L			11/04/13 21:24	6.67
Styrene	6.7	U	6.7	0.73	ug/L			11/04/13 21:24	6.67
1,1,2,2-Tetrachloroethane	6.7	U	6.7	1.2	ug/L			11/04/13 21:24	6.67
Tetrachloroethene	6.7	U	6.7	1.9	ug/L			11/04/13 21:24	6.67
Toluene	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
<b>Trichloroethene</b>	<b>190</b>		6.7	1.1	ug/L			11/04/13 21:24	6.67
<b>Vinyl chloride</b>	<b>2.9 J</b>		6.7	1.5	ug/L			11/04/13 21:24	6.67
Xylenes, Total	13	U	13	0.93	ug/L			11/04/13 21:24	6.67
1,1,1-Trichloroethane	6.7	U	6.7	1.5	ug/L			11/04/13 21:24	6.67
1,1,2-Trichloroethane	6.7	U	6.7	1.8	ug/L			11/04/13 21:24	6.67
Cyclohexane	6.7	U	6.7	0.80	ug/L			11/04/13 21:24	6.67
1,2-Dibromo-3-Chloropropane	13	U	13	4.5	ug/L			11/04/13 21:24	6.67
Ethylene Dibromide	6.7	U	6.7	1.6	ug/L			11/04/13 21:24	6.67
Dichlorodifluoromethane	6.7	U	6.7	2.1	ug/L			11/04/13 21:24	6.67
<b>cis-1,2-Dichloroethene</b>	<b>7.5</b>		6.7	1.1	ug/L			11/04/13 21:24	6.67
trans-1,2-Dichloroethene	6.7	U	6.7	1.3	ug/L			11/04/13 21:24	6.67
Isopropylbenzene	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
Methyl acetate	67	U	67	2.5	ug/L			11/04/13 21:24	6.67
Methyl tert-butyl ether	6.7	U	6.7	1.1	ug/L			11/04/13 21:24	6.67
1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	U	6.7	1.9	ug/L			11/04/13 21:24	6.67
1,2,4-Trichlorobenzene	6.7	U	6.7	1.0	ug/L			11/04/13 21:24	6.67
1,2-Dichlorobenzene	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-014**

**Date Collected: 10/23/13 12:30**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-14**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	6.7	U	6.7	0.93	ug/L			11/04/13 21:24	6.67
1,4-Dichlorobenzene	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
Trichlorofluoromethane	6.7	U	6.7	1.4	ug/L			11/04/13 21:24	6.67
Chlorodibromomethane	6.7	U	6.7	1.2	ug/L			11/04/13 21:24	6.67
Methylcyclohexane	6.7	U	6.7	0.87	ug/L			11/04/13 21:24	6.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	92		63 - 129					11/04/13 21:24	6.67
4-Bromofluorobenzene (Surr)	73		66 - 117					11/04/13 21:24	6.67
Toluene-d8 (Surr)	83		74 - 115					11/04/13 21:24	6.67
Dibromofluoromethane (Surr)	93		75 - 121					11/04/13 21:24	6.67

**Client Sample ID: GW-102313-SM-015**

**Date Collected: 10/23/13 13:17**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-15**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3300	U	3300	370	ug/L			11/04/13 21:47	333.33
Benzene	330	U	330	43	ug/L			11/04/13 21:47	333.33
Dichlorobromomethane	330	U	330	50	ug/L			11/04/13 21:47	333.33
Bromoform	330	U	330	210	ug/L			11/04/13 21:47	333.33
Bromomethane	330	U	330	140	ug/L			11/04/13 21:47	333.33
2-Butanone (MEK)	3300	U	3300	190	ug/L			11/04/13 21:47	333.33
Carbon disulfide	330	U	330	43	ug/L			11/04/13 21:47	333.33
Carbon tetrachloride	330	U	330	43	ug/L			11/04/13 21:47	333.33
Chlorobenzene	330	U	330	50	ug/L			11/04/13 21:47	333.33
Chloroethane	330	U	330	97	ug/L			11/04/13 21:47	333.33
Chloroform	330	U	330	53	ug/L			11/04/13 21:47	333.33
Chloromethane	330	U	330	100	ug/L			11/04/13 21:47	333.33
<b>1,1-Dichloroethane</b>	<b>180</b>	<b>J</b>	330	50	ug/L			11/04/13 21:47	333.33
1,2-Dichloroethane	330	U	330	73	ug/L			11/04/13 21:47	333.33
1,1-Dichloroethene	330	U	330	63	ug/L			11/04/13 21:47	333.33
1,2-Dichloropropane	330	U	330	60	ug/L			11/04/13 21:47	333.33
cis-1,3-Dichloropropene	330	U	330	47	ug/L			11/04/13 21:47	333.33
trans-1,3-Dichloropropene	330	U	330	63	ug/L			11/04/13 21:47	333.33
Ethylbenzene	330	U	330	57	ug/L			11/04/13 21:47	333.33
2-Hexanone	3300	U	3300	140	ug/L			11/04/13 21:47	333.33
Methylene Chloride	330	U	330	110	ug/L			11/04/13 21:47	333.33
4-Methyl-2-pentanone (MIBK)	3300	U	3300	110	ug/L			11/04/13 21:47	333.33
Styrene	330	U	330	37	ug/L			11/04/13 21:47	333.33
1,1,2,2-Tetrachloroethane	330	U	330	60	ug/L			11/04/13 21:47	333.33
Tetrachloroethene	330	U	330	97	ug/L			11/04/13 21:47	333.33
Toluene	330	U	330	43	ug/L			11/04/13 21:47	333.33
<b>Trichloroethene</b>	<b>2000</b>		330	57	ug/L			11/04/13 21:47	333.33
<b>Vinyl chloride</b>	<b>240</b>	<b>J</b>	330	73	ug/L			11/04/13 21:47	333.33
Xylenes, Total	670	U	670	47	ug/L			11/04/13 21:47	333.33
1,1,1-Trichloroethane	330	U	330	73	ug/L			11/04/13 21:47	333.33
1,1,2-Trichloroethane	330	U	330	90	ug/L			11/04/13 21:47	333.33
Cyclohexane	330	U	330	40	ug/L			11/04/13 21:47	333.33
1,2-Dibromo-3-Chloropropane	670	U	670	220	ug/L			11/04/13 21:47	333.33
Ethylene Dibromide	330	U	330	80	ug/L			11/04/13 21:47	333.33

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-015**

**Date Collected: 10/23/13 13:17**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-15**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	330	U	330	100	ug/L			11/04/13 21:47	333.33
<b>cis-1,2-Dichloroethene</b>	<b>7000</b>		330	57	ug/L			11/04/13 21:47	333.33
<b>trans-1,2-Dichloroethene</b>	<b>150</b>	<b>J</b>	330	63	ug/L			11/04/13 21:47	333.33
Isopropylbenzene	330	U	330	43	ug/L			11/04/13 21:47	333.33
Methyl acetate	3300	U	3300	130	ug/L			11/04/13 21:47	333.33
Methyl tert-butyl ether	330	U	330	57	ug/L			11/04/13 21:47	333.33
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	330	93	ug/L			11/04/13 21:47	333.33
1,2,4-Trichlorobenzene	330	U	330	50	ug/L			11/04/13 21:47	333.33
1,2-Dichlorobenzene	330	U	330	43	ug/L			11/04/13 21:47	333.33
1,3-Dichlorobenzene	330	U	330	47	ug/L			11/04/13 21:47	333.33
1,4-Dichlorobenzene	330	U	330	43	ug/L			11/04/13 21:47	333.33
Trichlorofluoromethane	330	U	330	70	ug/L			11/04/13 21:47	333.33
Chlorodibromomethane	330	U	330	60	ug/L			11/04/13 21:47	333.33
Methylcyclohexane	330	U	330	43	ug/L			11/04/13 21:47	333.33
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	90		63 - 129					11/04/13 21:47	333.33
<i>4-Bromofluorobenzene (Surr)</i>	74		66 - 117					11/04/13 21:47	333.33
<i>Toluene-d8 (Surr)</i>	83		74 - 115					11/04/13 21:47	333.33
<i>Dibromofluoromethane (Surr)</i>	95		75 - 121					11/04/13 21:47	333.33

**Client Sample ID: GW-102313-SM-016**

**Date Collected: 10/23/13 14:03**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-16**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 22:09	1
<b>Benzene</b>	<b>0.32</b>	<b>J</b>	1.0	0.13	ug/L			11/04/13 22:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 22:09	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 22:09	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 22:09	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 22:09	1
<b>Carbon disulfide</b>	<b>0.22</b>	<b>J</b>	1.0	0.13	ug/L			11/04/13 22:09	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 22:09	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 22:09	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 22:09	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 22:09	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 22:09	1
<b>1,1-Dichloroethane</b>	<b>0.30</b>	<b>J</b>	1.0	0.15	ug/L			11/04/13 22:09	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 22:09	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 22:09	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 22:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 22:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 22:09	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 22:09	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 22:09	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 22:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 22:09	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 22:09	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 22:09	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 22:09	1

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-016**

**Date Collected: 10/23/13 14:03**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-16**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 22:09	1
<b>Trichloroethene</b>	<b>0.66</b>	<b>J</b>	1.0	0.17	ug/L			11/04/13 22:09	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 22:09	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 22:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 22:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 22:09	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 22:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 22:09	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 22:09	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 22:09	1
<b>cis-1,2-Dichloroethene</b>	<b>2.2</b>		1.0	0.17	ug/L			11/04/13 22:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 22:09	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:09	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 22:09	1
<b>Methyl tert-butyl ether</b>	<b>0.60</b>	<b>J</b>	1.0	0.17	ug/L			11/04/13 22:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 22:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 22:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 22:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:09	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 22:09	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 22:09	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		63 - 129		11/04/13 22:09	1
4-Bromofluorobenzene (Surr)	77		66 - 117		11/04/13 22:09	1
Toluene-d8 (Surr)	82		74 - 115		11/04/13 22:09	1
Dibromofluoromethane (Surr)	101		75 - 121		11/04/13 22:09	1

**Client Sample ID: GW-102313-SM-017**

**Date Collected: 10/23/13 15:05**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-17**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.7	U	7.7	8.5	ug/L			11/05/13 16:04	7.69
Benzene	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
Dichlorobromomethane	7.7	U	7.7	1.2	ug/L			11/05/13 16:04	7.69
Bromoform	7.7	U	7.7	4.9	ug/L			11/05/13 16:04	7.69
Bromomethane	7.7	U	7.7	3.2	ug/L			11/05/13 16:04	7.69
2-Butanone (MEK)	7.7	U	7.7	4.4	ug/L			11/05/13 16:04	7.69
Carbon disulfide	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
Carbon tetrachloride	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
Chlorobenzene	7.7	U	7.7	1.2	ug/L			11/05/13 16:04	7.69
Chloroethane	7.7	U	7.7	2.2	ug/L			11/05/13 16:04	7.69
Chloroform	7.7	U	7.7	1.2	ug/L			11/05/13 16:04	7.69
Chloromethane	7.7	U	7.7	2.3	ug/L			11/05/13 16:04	7.69
1,1-Dichloroethane	7.7	U	7.7	1.2	ug/L			11/05/13 16:04	7.69
1,2-Dichloroethane	7.7	U	7.7	1.7	ug/L			11/05/13 16:04	7.69
1,1-Dichloroethene	7.7	U	7.7	1.5	ug/L			11/05/13 16:04	7.69
1,2-Dichloropropane	7.7	U	7.7	1.4	ug/L			11/05/13 16:04	7.69

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102313-SM-017**

**Date Collected: 10/23/13 15:05**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-17**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	7.7	U	7.7	1.1	ug/L			11/05/13 16:04	7.69
trans-1,3-Dichloropropene	7.7	U	7.7	1.5	ug/L			11/05/13 16:04	7.69
Ethylbenzene	7.7	U	7.7	1.3	ug/L			11/05/13 16:04	7.69
2-Hexanone	7.7	U	7.7	3.2	ug/L			11/05/13 16:04	7.69
Methylene Chloride	7.7	U	7.7	2.5	ug/L			11/05/13 16:04	7.69
4-Methyl-2-pentanone (MIBK)	7.7	U	7.7	2.5	ug/L			11/05/13 16:04	7.69
Styrene	7.7	U	7.7	0.85	ug/L			11/05/13 16:04	7.69
1,1,2,2-Tetrachloroethane	7.7	U	7.7	1.4	ug/L			11/05/13 16:04	7.69
Tetrachloroethene	7.7	U	7.7	2.2	ug/L			11/05/13 16:04	7.69
Toluene	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
<b>Trichloroethene</b>	<b>3.0</b>	<b>J</b>	7.7	1.3	ug/L			11/05/13 16:04	7.69
Vinyl chloride	7.7	U	7.7	1.7	ug/L			11/05/13 16:04	7.69
Xylenes, Total	15	U	15	1.1	ug/L			11/05/13 16:04	7.69
1,1,1-Trichloroethane	7.7	U	7.7	1.7	ug/L			11/05/13 16:04	7.69
1,1,2-Trichloroethane	7.7	U	7.7	2.1	ug/L			11/05/13 16:04	7.69
Cyclohexane	7.7	U	7.7	0.92	ug/L			11/05/13 16:04	7.69
1,2-Dibromo-3-Chloropropane	15	U	15	5.2	ug/L			11/05/13 16:04	7.69
Ethylene Dibromide	7.7	U	7.7	1.8	ug/L			11/05/13 16:04	7.69
Dichlorodifluoromethane	7.7	U	7.7	2.4	ug/L			11/05/13 16:04	7.69
<b>cis-1,2-Dichloroethene</b>	<b>240</b>		7.7	1.3	ug/L			11/05/13 16:04	7.69
<b>trans-1,2-Dichloroethene</b>	<b>3.9</b>	<b>J</b>	7.7	1.5	ug/L			11/05/13 16:04	7.69
Isopropylbenzene	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
Methyl acetate	7.7	U	7.7	2.9	ug/L			11/05/13 16:04	7.69
Methyl tert-butyl ether	7.7	U	7.7	1.3	ug/L			11/05/13 16:04	7.69
1,1,2-Trichloro-1,2,2-trifluoroethane	7.7	U	7.7	2.2	ug/L			11/05/13 16:04	7.69
1,2,4-Trichlorobenzene	7.7	U	7.7	1.2	ug/L			11/05/13 16:04	7.69
1,2-Dichlorobenzene	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
1,3-Dichlorobenzene	7.7	U	7.7	1.1	ug/L			11/05/13 16:04	7.69
1,4-Dichlorobenzene	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69
Trichlorofluoromethane	7.7	U	7.7	1.6	ug/L			11/05/13 16:04	7.69
Chlorodibromomethane	7.7	U	7.7	1.4	ug/L			11/05/13 16:04	7.69
Methylcyclohexane	7.7	U	7.7	1.0	ug/L			11/05/13 16:04	7.69

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		11/05/13 16:04	7.69
4-Bromofluorobenzene (Surr)	68		66 - 117		11/05/13 16:04	7.69
Toluene-d8 (Surr)	75		74 - 115		11/05/13 16:04	7.69
Dibromofluoromethane (Surr)	117		75 - 121		11/05/13 16:04	7.69

**Client Sample ID: TB-102313-SM-018**

**Date Collected: 10/23/13 15:30**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-18**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>7.1</b>	<b>J</b>	10	1.1	ug/L			11/04/13 22:54	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 22:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 22:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 22:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 22:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB-102313-SM-018**

**Date Collected: 10/23/13 15:30**

**Date Received: 10/24/13 09:15**

**Lab Sample ID: 240-30571-18**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 22:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 22:54	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 22:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 22:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 22:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 22:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 22:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 22:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 22:54	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 22:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 22:54	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 22:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 22:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 22:54	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 22:54	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 22:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 22:54	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 22:54	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 22:54	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 22:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 22:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 22:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 22:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 22:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 22:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 22:54	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 22:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 22:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 22:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 22:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 22:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 22:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 22:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 22:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 22:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		63 - 129		11/04/13 22:54	1
4-Bromofluorobenzene (Surr)	75		66 - 117		11/04/13 22:54	1
Toluene-d8 (Surr)	82		74 - 115		11/04/13 22:54	1
Dibromofluoromethane (Surr)	99		75 - 121		11/04/13 22:54	1

TestAmerica Canton

# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-30571-1	GW-102213-SM-001	95	68	78	114
240-30571-2	GW-102213-SM-002	95	69	79	113
240-30571-3	GW-102213-SM-003	92	73	77	111
240-30571-4	GW-102213-SM-004	94	73	77	113
240-30571-5	GW-102213-SM-005	92	69	79	112
240-30571-6	GW-102213-SM-006	93	68	78	114
240-30571-7	GW-102213-SM-007	97	68	77	114
240-30571-8	GW-102313-SM-008	96	71	78	116
240-30571-9	GW-102313-SM-009	86	79	85	88
240-30571-10	RB-102313-SM-010	88	76	84	94
240-30571-11	GW-102313-SM-011	90	73	82	93
240-30571-12	GW-102313-SM-012	91	77	84	95
240-30571-13	GW-102313-SM-013	94	76	83	97
240-30571-14	GW-102313-SM-014	92	73	83	93
240-30571-15	GW-102313-SM-015	90	74	83	95
240-30571-16	GW-102313-SM-016	95	77	82	101
240-30571-17	GW-102313-SM-017	98	68	75	117
240-30571-17 MS	GW-102313-SM-017	86	97	86	103
240-30571-17 MSD	GW-102313-SM-017	89	97	83	102
240-30571-18	TB-102313-SM-018	94	75	82	99
LCS 240-108273/3	Lab Control Sample	74	87	84	91
LCS 240-108322/4	Lab Control Sample	79	93	89	89
LCS 240-108444/3	Lab Control Sample	88	93	85	99
MB 240-108273/5	Method Blank	88	74	80	104
MB 240-108322/6	Method Blank	89	77	85	88
MB 240-108444/5	Method Blank	93	70	78	111

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-108273/5**

**Matrix: Water**

**Analysis Batch: 108273**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 13:58	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 13:58	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 13:58	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 13:58	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 13:58	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 13:58	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 13:58	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 13:58	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 13:58	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 13:58	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 13:58	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 13:58	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 13:58	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 13:58	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 13:58	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 13:58	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 13:58	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 13:58	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 13:58	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 13:58	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 13:58	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 13:58	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 13:58	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 13:58	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 13:58	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 13:58	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 13:58	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 13:58	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 13:58	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 13:58	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 13:58	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 13:58	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 13:58	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 13:58	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 13:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 13:58	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 13:58	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 13:58	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 13:58	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 13:58	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 13:58	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-108273/5

Matrix: Water

Analysis Batch: 108273

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		11/04/13 13:58	1
4-Bromofluorobenzene (Surr)	74		66 - 117		11/04/13 13:58	1
Toluene-d8 (Surr)	80		74 - 115		11/04/13 13:58	1
Dibromofluoromethane (Surr)	104		75 - 121		11/04/13 13:58	1

Lab Sample ID: LCS 240-108273/3

Matrix: Water

Analysis Batch: 108273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	20.2		ug/L		101	43 - 136
Benzene	10.0	10.4		ug/L		104	83 - 112
Dichlorobromomethane	10.0	9.79		ug/L		98	72 - 121
Bromoform	10.0	10.0		ug/L		100	40 - 131
Bromomethane	10.0	12.1		ug/L		121	11 - 185
2-Butanone (MEK)	20.0	15.2		ug/L		76	60 - 126
Carbon disulfide	10.0	10.6		ug/L		106	62 - 142
Carbon tetrachloride	10.0	11.0		ug/L		110	66 - 128
Chlorobenzene	10.0	10.8		ug/L		108	85 - 110
Chloroethane	10.0	9.51		ug/L		95	25 - 153
Chloroform	10.0	9.76		ug/L		98	79 - 117
Chloromethane	10.0	6.41		ug/L		64	44 - 126
1,1-Dichloroethane	10.0	10.1		ug/L		101	82 - 115
1,2-Dichloroethane	10.0	8.97		ug/L		90	71 - 127
1,1-Dichloroethene	10.0	11.1		ug/L		111	78 - 131
1,2-Dichloropropane	10.0	10.6		ug/L		106	81 - 115
cis-1,3-Dichloropropene	10.0	9.91		ug/L		99	61 - 115
trans-1,3-Dichloropropene	10.0	9.47		ug/L		95	58 - 117
Ethylbenzene	10.0	11.0		ug/L		110	83 - 112
2-Hexanone	20.0	15.5		ug/L		77	55 - 133
Methylene Chloride	10.0	10.8		ug/L		108	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	15.1		ug/L		75	63 - 128
Styrene	10.0	9.66		ug/L		97	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.79		ug/L		88	68 - 118
Tetrachloroethene	10.0	11.9	*	ug/L		119	79 - 114
Toluene	10.0	11.1		ug/L		111	84 - 111
Trichloroethene	10.0	10.3		ug/L		103	76 - 117
Vinyl chloride	10.0	7.84		ug/L		78	53 - 127
Xylenes, Total	20.0	21.2		ug/L		106	83 - 112
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	74 - 118
1,1,2-Trichloroethane	10.0	10.3		ug/L		103	80 - 112
Cyclohexane	10.0	9.79		ug/L		98	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.55		ug/L		85	42 - 136
Ethylene Dibromide	10.0	10.3		ug/L		103	79 - 113
Dichlorodifluoromethane	10.0	4.69		ug/L		47	19 - 129
cis-1,2-Dichloroethene	10.0	10.1		ug/L		101	80 - 113
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	83 - 117
Isopropylbenzene	10.0	9.72		ug/L		97	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108273/3**

**Matrix: Water**

**Analysis Batch: 108273**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	42.1		ug/L		84	58 - 131
Methyl tert-butyl ether	10.0	9.43		ug/L		94	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.3		ug/L		113	74 - 151
1,2,4-Trichlorobenzene	10.0	9.89		ug/L		99	48 - 135
1,2-Dichlorobenzene	10.0	10.2		ug/L		102	81 - 110
1,3-Dichlorobenzene	10.0	10.3		ug/L		103	80 - 110
1,4-Dichlorobenzene	10.0	10.2		ug/L		102	82 - 110
Trichlorofluoromethane	10.0	10.6		ug/L		106	49 - 157
Chlorodibromomethane	10.0	11.0		ug/L		110	64 - 119
Methylcyclohexane	10.0	10.4		ug/L		104	56 - 127
m-Xylene & p-Xylene	10.0	11.1		ug/L		111	83 - 113
o-Xylene	10.0	10.1		ug/L		101	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	74		63 - 129
4-Bromofluorobenzene (Surr)	87		66 - 117
Toluene-d8 (Surr)	84		74 - 115
Dibromofluoromethane (Surr)	91		75 - 121

**Lab Sample ID: MB 240-108322/6**

**Matrix: Water**

**Analysis Batch: 108322**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/04/13 17:39	1
Benzene	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/04/13 17:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/04/13 17:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/04/13 17:39	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/04/13 17:39	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 17:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/04/13 17:39	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/04/13 17:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/04/13 17:39	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/04/13 17:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 17:39	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 17:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/04/13 17:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/04/13 17:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/04/13 17:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/04/13 17:39	1
2-Hexanone	10	U	10	0.41	ug/L			11/04/13 17:39	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/04/13 17:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/04/13 17:39	1
Styrene	1.0	U	1.0	0.11	ug/L			11/04/13 17:39	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108322/6**

**Matrix: Water**

**Analysis Batch: 108322**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/04/13 17:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/04/13 17:39	1
Toluene	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 17:39	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/04/13 17:39	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/04/13 17:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/04/13 17:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/04/13 17:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/04/13 17:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/04/13 17:39	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/04/13 17:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/04/13 17:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/04/13 17:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/04/13 17:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
Methyl acetate	10	U	10	0.38	ug/L			11/04/13 17:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/04/13 17:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/04/13 17:39	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/04/13 17:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/04/13 17:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/04/13 17:39	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/04/13 17:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/04/13 17:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	89		63 - 129		11/04/13 17:39	1
4-Bromofluorobenzene (Surr)	77		66 - 117		11/04/13 17:39	1
Toluene-d8 (Surr)	85		74 - 115		11/04/13 17:39	1
Dibromofluoromethane (Surr)	88		75 - 121		11/04/13 17:39	1

**Lab Sample ID: LCS 240-108322/4**

**Matrix: Water**

**Analysis Batch: 108322**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Acetone	20.0	19.4		ug/L		97	43 - 136
Benzene	10.0	10.1		ug/L		101	83 - 112
Dichlorobromomethane	10.0	9.63		ug/L		96	72 - 121
Bromoform	10.0	8.82		ug/L		88	40 - 131
Bromomethane	10.0	8.54		ug/L		85	11 - 185
2-Butanone (MEK)	20.0	18.4		ug/L		92	60 - 126
Carbon disulfide	10.0	12.1		ug/L		121	62 - 142
Carbon tetrachloride	10.0	10.7		ug/L		107	66 - 128
Chlorobenzene	10.0	9.28		ug/L		93	85 - 110
Chloroethane	10.0	7.65		ug/L		77	25 - 153
Chloroform	10.0	9.84		ug/L		98	79 - 117

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108322/4**

**Matrix: Water**

**Analysis Batch: 108322**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	7.34		ug/L		73	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	9.43		ug/L		94	71 - 127
1,1-Dichloroethene	10.0	10.8		ug/L		108	78 - 131
1,2-Dichloropropane	10.0	10.2		ug/L		102	81 - 115
cis-1,3-Dichloropropene	10.0	11.2		ug/L		112	61 - 115
trans-1,3-Dichloropropene	10.0	9.62		ug/L		96	58 - 117
Ethylbenzene	10.0	9.26		ug/L		93	83 - 112
2-Hexanone	20.0	15.5		ug/L		78	55 - 133
Methylene Chloride	10.0	10.4		ug/L		104	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.5		ug/L		82	63 - 128
Styrene	10.0	8.49		ug/L		85	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.33		ug/L		83	68 - 118
Tetrachloroethene	10.0	9.37		ug/L		94	79 - 114
Toluene	10.0	9.82		ug/L		98	84 - 111
Trichloroethene	10.0	10.6		ug/L		106	76 - 117
Vinyl chloride	10.0	7.81		ug/L		78	53 - 127
Xylenes, Total	20.0	19.2		ug/L		96	83 - 112
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	74 - 118
1,1,2-Trichloroethane	10.0	8.81		ug/L		88	80 - 112
Cyclohexane	10.0	11.6		ug/L		116	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.42		ug/L		84	42 - 136
Ethylene Dibromide	10.0	9.22		ug/L		92	79 - 113
Dichlorodifluoromethane	10.0	5.67		ug/L		57	19 - 129
cis-1,2-Dichloroethene	10.0	10.2		ug/L		102	80 - 113
trans-1,2-Dichloroethene	10.0	10.7		ug/L		107	83 - 117
Isopropylbenzene	10.0	8.98		ug/L		90	75 - 114
Methyl acetate	50.0	44.5		ug/L		89	58 - 131
Methyl tert-butyl ether	10.0	9.98		ug/L		100	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.0		ug/L		110	74 - 151
1,2,4-Trichlorobenzene	10.0	8.89		ug/L		89	48 - 135
1,2-Dichlorobenzene	10.0	9.15		ug/L		91	81 - 110
1,3-Dichlorobenzene	10.0	9.38		ug/L		94	80 - 110
1,4-Dichlorobenzene	10.0	9.43		ug/L		94	82 - 110
Trichlorofluoromethane	10.0	11.1		ug/L		111	49 - 157
Chlorodibromomethane	10.0	9.43		ug/L		94	64 - 119
Methylcyclohexane	10.0	11.2		ug/L		112	56 - 127
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	83 - 113
o-Xylene	10.0	9.14		ug/L		91	83 - 113

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	79		63 - 129
4-Bromofluorobenzene (Surr)	93		66 - 117
Toluene-d8 (Surr)	89		74 - 115
Dibromofluoromethane (Surr)	89		75 - 121

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108444/5**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/05/13 11:52	1
Benzene	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/05/13 11:52	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/05/13 11:52	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/05/13 11:52	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/05/13 11:52	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 11:52	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/05/13 11:52	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/05/13 11:52	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/05/13 11:52	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/05/13 11:52	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 11:52	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 11:52	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/05/13 11:52	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/05/13 11:52	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/05/13 11:52	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/05/13 11:52	1
2-Hexanone	10	U	10	0.41	ug/L			11/05/13 11:52	1
Methylene Chloride	0.366	J	1.0	0.33	ug/L			11/05/13 11:52	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/05/13 11:52	1
Styrene	1.0	U	1.0	0.11	ug/L			11/05/13 11:52	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/05/13 11:52	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/05/13 11:52	1
Toluene	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 11:52	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/05/13 11:52	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/05/13 11:52	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 11:52	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/05/13 11:52	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/05/13 11:52	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/05/13 11:52	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/05/13 11:52	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/05/13 11:52	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 11:52	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 11:52	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
Methyl acetate	10	U	10	0.38	ug/L			11/05/13 11:52	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/05/13 11:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/05/13 11:52	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 11:52	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/05/13 11:52	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/05/13 11:52	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/05/13 11:52	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/05/13 11:52	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108444/5**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		11/05/13 11:52	1
4-Bromofluorobenzene (Surr)	70		66 - 117		11/05/13 11:52	1
Toluene-d8 (Surr)	78		74 - 115		11/05/13 11:52	1
Dibromofluoromethane (Surr)	111		75 - 121		11/05/13 11:52	1

**Lab Sample ID: LCS 240-108444/3**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	24.8		ug/L		124	43 - 136
Benzene	10.0	10.3		ug/L		103	83 - 112
Dichlorobromomethane	10.0	10.2		ug/L		102	72 - 121
Bromoform	10.0	11.2		ug/L		112	40 - 131
Bromomethane	10.0	12.2		ug/L		122	11 - 185
2-Butanone (MEK)	20.0	19.6		ug/L		98	60 - 126
Carbon disulfide	10.0	10.5		ug/L		105	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	10.5		ug/L		105	85 - 110
Chloroethane	10.0	10.8		ug/L		108	25 - 153
Chloroform	10.0	10.1		ug/L		101	79 - 117
Chloromethane	10.0	6.57		ug/L		66	44 - 126
1,1-Dichloroethane	10.0	10.4		ug/L		104	82 - 115
1,2-Dichloroethane	10.0	9.28		ug/L		93	71 - 127
1,1-Dichloroethene	10.0	11.0		ug/L		110	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	9.41		ug/L		94	61 - 115
trans-1,3-Dichloropropene	10.0	8.67		ug/L		87	58 - 117
Ethylbenzene	10.0	10.6		ug/L		106	83 - 112
2-Hexanone	20.0	18.2		ug/L		91	55 - 133
Methylene Chloride	10.0	11.3		ug/L		113	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.2		ug/L		91	63 - 128
Styrene	10.0	9.87		ug/L		99	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.48		ug/L		85	68 - 118
Tetrachloroethene	10.0	11.2		ug/L		112	79 - 114
Toluene	10.0	10.5		ug/L		105	84 - 111
Trichloroethene	10.0	10.3		ug/L		103	76 - 117
Vinyl chloride	10.0	8.02		ug/L		80	53 - 127
Xylenes, Total	20.0	20.8		ug/L		104	83 - 112
1,1,1-Trichloroethane	10.0	10.6		ug/L		106	74 - 118
1,1,2-Trichloroethane	10.0	10.5		ug/L		105	80 - 112
Cyclohexane	10.0	9.30		ug/L		93	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.82		ug/L		88	42 - 136
Ethylene Dibromide	10.0	10.7		ug/L		107	79 - 113
Dichlorodifluoromethane	10.0	4.42		ug/L		44	19 - 129
cis-1,2-Dichloroethene	10.0	10.0		ug/L		100	80 - 113
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	83 - 117
Isopropylbenzene	10.0	9.51		ug/L		95	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108444/3**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	49.3		ug/L		99	58 - 131
Methyl tert-butyl ether	10.0	9.62		ug/L		96	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.6		ug/L		116	74 - 151
1,2,4-Trichlorobenzene	10.0	10.0		ug/L		100	48 - 135
1,2-Dichlorobenzene	10.0	10.1		ug/L		101	81 - 110
1,3-Dichlorobenzene	10.0	9.75		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	9.70		ug/L		97	82 - 110
Trichlorofluoromethane	10.0	10.5		ug/L		105	49 - 157
Chlorodibromomethane	10.0	10.8		ug/L		108	64 - 119
Methylcyclohexane	10.0	9.53		ug/L		95	56 - 127
m-Xylene & p-Xylene	10.0	10.7		ug/L		107	83 - 113
o-Xylene	10.0	10.1		ug/L		101	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		63 - 129
4-Bromofluorobenzene (Surr)	93		66 - 117
Toluene-d8 (Surr)	85		74 - 115
Dibromofluoromethane (Surr)	99		75 - 121

**Lab Sample ID: 240-30571-17 MS**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: GW-102313-SM-017**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	7.7	U	154	151		ug/L		98	33 - 145
Benzene	7.7	U	76.9	78.7		ug/L		102	72 - 121
Dichlorobromomethane	7.7	U	76.9	77.6		ug/L		101	67 - 120
Bromoform	7.7	U	76.9	85.9		ug/L		112	32 - 128
Bromomethane	7.7	U	76.9	106		ug/L		138	10 - 186
2-Butanone (MEK)	7.7	U	154	129		ug/L		84	54 - 129
Carbon disulfide	7.7	U	76.9	81.2		ug/L		106	57 - 147
Carbon tetrachloride	7.7	U	76.9	87.2		ug/L		113	59 - 129
Chlorobenzene	7.7	U	76.9	80.3		ug/L		104	80 - 110
Chloroethane	7.7	U	76.9	90.3		ug/L		117	21 - 165
Chloroform	7.7	U	76.9	80.9		ug/L		105	76 - 118
Chloromethane	7.7	U	76.9	66.7		ug/L		87	33 - 132
1,1-Dichloroethane	7.7	U	76.9	83.1		ug/L		108	79 - 116
1,2-Dichloroethane	7.7	U	76.9	74.9		ug/L		97	68 - 129
1,1-Dichloroethene	7.7	U	76.9	89.8		ug/L		117	74 - 135
1,2-Dichloropropane	7.7	U	76.9	78.6		ug/L		102	78 - 115
cis-1,3-Dichloropropene	7.7	U	76.9	63.9		ug/L		83	51 - 110
trans-1,3-Dichloropropene	7.7	U	76.9	63.3		ug/L		82	46 - 116
Ethylbenzene	7.7	U	76.9	76.6		ug/L		100	75 - 116
2-Hexanone	7.7	U	154	126		ug/L		82	47 - 139
Methylene Chloride	7.7	U	76.9	83.6		ug/L		109	63 - 128
4-Methyl-2-pentanone (MIBK)	7.7	U	154	131		ug/L		85	56 - 131
Styrene	7.7	U	76.9	72.4		ug/L		94	71 - 117

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-30571-17 MS**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: GW-102313-SM-017**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	7.7	U	76.9	65.4		ug/L		85	63 - 122
Tetrachloroethene	7.7	U	76.9	84.2		ug/L		109	70 - 117
Toluene	7.7	U	76.9	79.6		ug/L		104	78 - 114
Trichloroethene	3.0	J	76.9	77.8		ug/L		97	66 - 120
Vinyl chloride	7.7	U	76.9	75.6		ug/L		98	49 - 130
Xylenes, Total	15	U	154	152		ug/L		99	76 - 116
1,1,1-Trichloroethane	7.7	U	76.9	84.1		ug/L		109	68 - 121
1,1,2-Trichloroethane	7.7	U	76.9	82.0		ug/L		107	75 - 115
Cyclohexane	7.7	U	76.9	65.6		ug/L		85	49 - 123
1,2-Dibromo-3-Chloropropane	15	U	76.9	60.7		ug/L		79	32 - 139
Ethylene Dibromide	7.7	U	76.9	82.6		ug/L		107	74 - 113
Dichlorodifluoromethane	7.7	U	76.9	57.7		ug/L		75	17 - 128
cis-1,2-Dichloroethene	240		76.9	301		ug/L		75	70 - 120
trans-1,2-Dichloroethene	3.9	J	76.9	89.7		ug/L		112	80 - 119
Isopropylbenzene	7.7	U	76.9	67.7		ug/L		88	68 - 116
Methyl acetate	77	U	385	366		ug/L		95	47 - 130
Methyl tert-butyl ether	7.7	U	76.9	73.1		ug/L		95	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	7.7	U	76.9	83.2		ug/L		108	70 - 152
1,2,4-Trichlorobenzene	7.7	U	76.9	57.2		ug/L		74	38 - 138
1,2-Dichlorobenzene	7.7	U	76.9	71.4		ug/L		93	75 - 111
1,3-Dichlorobenzene	7.7	U	76.9	69.9		ug/L		91	73 - 110
1,4-Dichlorobenzene	7.7	U	76.9	70.4		ug/L		92	75 - 110
Trichlorofluoromethane	7.7	U	76.9	92.6		ug/L		120	46 - 157
Chlorodibromomethane	7.7	U	76.9	86.2		ug/L		112	56 - 118
Methylcyclohexane	7.7	U	76.9	65.8		ug/L		86	49 - 127
m-Xylene & p-Xylene	15		76.9	77.8		ug/L		101	75 - 117
o-Xylene	7.7		76.9	74.4		ug/L		97	76 - 116

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 117
Toluene-d8 (Surr)	86		74 - 115
Dibromofluoromethane (Surr)	103		75 - 121

**Lab Sample ID: 240-30571-17 MSD**

**Matrix: Water**

**Analysis Batch: 108444**

**Client Sample ID: GW-102313-SM-017**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	77	U	154	158		ug/L		103	33 - 145	5	30
Benzene	7.7	U	76.9	77.1		ug/L		100	72 - 121	2	30
Dichlorobromomethane	7.7	U	76.9	77.1		ug/L		100	67 - 120	1	30
Bromoform	7.7	U	76.9	86.2		ug/L		112	32 - 128	0	30
Bromomethane	7.7	U	76.9	103		ug/L		133	10 - 186	3	30
2-Butanone (MEK)	77	U	154	140		ug/L		91	54 - 129	8	30
Carbon disulfide	7.7	U	76.9	80.4		ug/L		105	57 - 147	1	30
Carbon tetrachloride	7.7	U	76.9	83.6		ug/L		109	59 - 129	4	30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-30571-17 MSD

Client Sample ID: GW-102313-SM-017

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 108444

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chlorobenzene	7.7	U	76.9	77.8		ug/L		101	80 - 110	3	30
Chloroethane	7.7	U	76.9	91.0		ug/L		118	21 - 165	1	30
Chloroform	7.7	U	76.9	81.2		ug/L		106	76 - 118	0	30
Chloromethane	7.7	U	76.9	68.7		ug/L		89	33 - 132	3	30
1,1-Dichloroethane	7.7	U	76.9	80.0		ug/L		104	79 - 116	4	30
1,2-Dichloroethane	7.7	U	76.9	73.1		ug/L		95	68 - 129	2	30
1,1-Dichloroethene	7.7	U	76.9	82.9		ug/L		108	74 - 135	8	30
1,2-Dichloropropane	7.7	U	76.9	75.1		ug/L		98	78 - 115	5	30
cis-1,3-Dichloropropene	7.7	U	76.9	65.3		ug/L		85	51 - 110	2	30
trans-1,3-Dichloropropene	7.7	U	76.9	64.1		ug/L		83	46 - 116	1	30
Ethylbenzene	7.7	U	76.9	75.4		ug/L		98	75 - 116	2	30
2-Hexanone	7.7	U	154	135		ug/L		88	47 - 139	7	30
Methylene Chloride	7.7	U	76.9	83.0		ug/L		108	63 - 128	1	30
4-Methyl-2-pentanone (MIBK)	7.7	U	154	140		ug/L		91	56 - 131	7	30
Styrene	7.7	U	76.9	73.6		ug/L		96	71 - 117	2	30
1,1,2,2-Tetrachloroethane	7.7	U	76.9	65.4		ug/L		85	63 - 122	0	30
Tetrachloroethene	7.7	U	76.9	79.1		ug/L		103	70 - 117	6	30
Toluene	7.7	U	76.9	75.3		ug/L		98	78 - 114	6	30
Trichloroethene	3.0	J	76.9	79.3		ug/L		99	66 - 120	2	30
Vinyl chloride	7.7	U	76.9	77.6		ug/L		101	49 - 130	3	30
Xylenes, Total	15	U	154	154		ug/L		100	76 - 116	1	30
1,1,1-Trichloroethane	7.7	U	76.9	82.6		ug/L		107	68 - 121	2	30
1,1,2-Trichloroethane	7.7	U	76.9	77.9		ug/L		101	75 - 115	5	30
Cyclohexane	7.7	U	76.9	65.6		ug/L		85	49 - 123	0	30
1,2-Dibromo-3-Chloropropane	15	U	76.9	71.6		ug/L		93	32 - 139	16	30
Ethylene Dibromide	7.7	U	76.9	79.2		ug/L		103	74 - 113	4	30
Dichlorodifluoromethane	7.7	U	76.9	58.0		ug/L		75	17 - 128	1	30
cis-1,2-Dichloroethene	240		76.9	305		ug/L		80	70 - 120	1	30
trans-1,2-Dichloroethene	3.9	J	76.9	88.8		ug/L		110	80 - 119	1	30
Isopropylbenzene	7.7	U	76.9	69.3		ug/L		90	68 - 116	2	30
Methyl acetate	7.7	U	385	376		ug/L		98	47 - 130	3	30
Methyl tert-butyl ether	7.7	U	76.9	75.9		ug/L		99	46 - 144	4	30
1,1,2-Trichloro-1,2,2-trifluoroethane	7.7	U	76.9	83.2		ug/L		108	70 - 152	0	30
1,2,4-Trichlorobenzene	7.7	U	76.9	73.1		ug/L		95	38 - 138	24	30
1,2-Dichlorobenzene	7.7	U	76.9	74.5		ug/L		97	75 - 111	4	30
1,3-Dichlorobenzene	7.7	U	76.9	69.8		ug/L		91	73 - 110	0	30
1,4-Dichlorobenzene	7.7	U	76.9	71.1		ug/L		92	75 - 110	1	30
Trichlorofluoromethane	7.7	U	76.9	90.5		ug/L		118	46 - 157	2	30
Chlorodibromomethane	7.7	U	76.9	81.2		ug/L		106	56 - 118	6	30
Methylcyclohexane	7.7	U	76.9	66.7		ug/L		87	49 - 127	1	30
m-Xylene & p-Xylene	15		76.9	78.1		ug/L		102	75 - 117	0	30
o-Xylene	7.7		76.9	75.9		ug/L		99	76 - 116	2	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 117
Toluene-d8 (Surr)	83		74 - 115

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-30571-17 MSD

Matrix: Water

Analysis Batch: 108444

Client Sample ID: GW-102313-SM-017

Prep Type: Total/NA

<i>Surrogate</i>	<i>MSD</i>	<i>MSD</i>	<i>Limits</i>
	<i>%Recovery</i>	<i>Qualifier</i>	
<i>Dibromofluoromethane (Surr)</i>	102		75 - 121

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## GC/MS VOA

### Analysis Batch: 108273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30571-3	GW-102213-SM-003	Total/NA	Water	8260B	
240-30571-4	GW-102213-SM-004	Total/NA	Water	8260B	
240-30571-6	GW-102213-SM-006	Total/NA	Water	8260B	
240-30571-7	GW-102213-SM-007	Total/NA	Water	8260B	
240-30571-8	GW-102313-SM-008	Total/NA	Water	8260B	
LCS 240-108273/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108273/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 108322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30571-9	GW-102313-SM-009	Total/NA	Water	8260B	
240-30571-10	RB-102313-SM-010	Total/NA	Water	8260B	
240-30571-11	GW-102313-SM-011	Total/NA	Water	8260B	
240-30571-12	GW-102313-SM-012	Total/NA	Water	8260B	
240-30571-13	GW-102313-SM-013	Total/NA	Water	8260B	
240-30571-14	GW-102313-SM-014	Total/NA	Water	8260B	
240-30571-15	GW-102313-SM-015	Total/NA	Water	8260B	
240-30571-16	GW-102313-SM-016	Total/NA	Water	8260B	
240-30571-18	TB-102313-SM-018	Total/NA	Water	8260B	
LCS 240-108322/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108322/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 108444

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30571-1	GW-102213-SM-001	Total/NA	Water	8260B	
240-30571-2	GW-102213-SM-002	Total/NA	Water	8260B	
240-30571-5	GW-102213-SM-005	Total/NA	Water	8260B	
240-30571-17	GW-102313-SM-017	Total/NA	Water	8260B	
240-30571-17 MS	GW-102313-SM-017	Total/NA	Water	8260B	
240-30571-17 MSD	GW-102313-SM-017	Total/NA	Water	8260B	
LCS 240-108444/3	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108444/5	Method Blank	Total/NA	Water	8260B	



# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

**Client Sample ID: GW-102213-SM-001**

**Lab Sample ID: 240-30571-1**

Date Collected: 10/22/13 10:13

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	108444	11/05/13 13:04	LRW	TAL CAN

**Client Sample ID: GW-102213-SM-002**

**Lab Sample ID: 240-30571-2**

Date Collected: 10/22/13 11:03

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	108444	11/05/13 13:27	LRW	TAL CAN

**Client Sample ID: GW-102213-SM-003**

**Lab Sample ID: 240-30571-3**

Date Collected: 10/22/13 11:35

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5.71	108273	11/04/13 19:53	RJQ	TAL CAN

**Client Sample ID: GW-102213-SM-004**

**Lab Sample ID: 240-30571-4**

Date Collected: 10/22/13 12:12

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		25	108273	11/04/13 20:15	RJQ	TAL CAN

**Client Sample ID: GW-102213-SM-005**

**Lab Sample ID: 240-30571-5**

Date Collected: 10/22/13 12:52

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1.67	108444	11/05/13 13:50	LRW	TAL CAN

**Client Sample ID: GW-102213-SM-006**

**Lab Sample ID: 240-30571-6**

Date Collected: 10/22/13 13:57

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108273	11/04/13 21:00	RJQ	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

**Client Sample ID: GW-102213-SM-007**

**Lab Sample ID: 240-30571-7**

Date Collected: 10/22/13 14:37

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108273	11/04/13 21:23	RJQ	TAL CAN

**Client Sample ID: GW-102313-SM-008**

**Lab Sample ID: 240-30571-8**

Date Collected: 10/23/13 09:20

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108273	11/04/13 21:45	RJQ	TAL CAN

**Client Sample ID: GW-102313-SM-009**

**Lab Sample ID: 240-30571-9**

Date Collected: 10/23/13 10:06

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		9.09	108322	11/04/13 19:32	LRW	TAL CAN

**Client Sample ID: RB-102313-SM-010**

**Lab Sample ID: 240-30571-10**

Date Collected: 10/23/13 10:15

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108322	11/04/13 19:54	LRW	TAL CAN

**Client Sample ID: GW-102313-SM-011**

**Lab Sample ID: 240-30571-11**

Date Collected: 10/23/13 10:57

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108322	11/04/13 20:17	LRW	TAL CAN

**Client Sample ID: GW-102313-SM-012**

**Lab Sample ID: 240-30571-12**

Date Collected: 10/23/13 11:00

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108322	11/04/13 20:39	LRW	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

**Client Sample ID: GW-102313-SM-013**

**Lab Sample ID: 240-30571-13**

Date Collected: 10/23/13 11:33

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108322	11/04/13 21:02	LRW	TAL CAN

**Client Sample ID: GW-102313-SM-014**

**Lab Sample ID: 240-30571-14**

Date Collected: 10/23/13 12:30

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		6.67	108322	11/04/13 21:24	LRW	TAL CAN

**Client Sample ID: GW-102313-SM-015**

**Lab Sample ID: 240-30571-15**

Date Collected: 10/23/13 13:17

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		333.33	108322	11/04/13 21:47	LRW	TAL CAN

**Client Sample ID: GW-102313-SM-016**

**Lab Sample ID: 240-30571-16**

Date Collected: 10/23/13 14:03

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108322	11/04/13 22:09	LRW	TAL CAN

**Client Sample ID: GW-102313-SM-017**

**Lab Sample ID: 240-30571-17**

Date Collected: 10/23/13 15:05

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		7.69	108444	11/05/13 16:04	LRW	TAL CAN

**Client Sample ID: TB-102313-SM-018**

**Lab Sample ID: 240-30571-18**

Date Collected: 10/23/13 15:30

Matrix: Water

Date Received: 10/24/13 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108322	11/04/13 22:54	LRW	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302, RACER Delphi Anderson

TestAmerica Job ID: 240-30571-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14 *
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Canton

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-3057.1 Chain of Custody





**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
 Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO.: IN-03500  
 PAGE 1 OF 2

(See Reverse Side for Instructions)

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)	Matrix Code (see back of COC)	Grab (g) or Comp (c)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO <sub>3</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	ANALYSIS REQUESTED (See Back of COC for Definitions)	MS/MSD Request
1	Gw-102213-Sm-001	10/22/13	1013	W6G	M									M		
2	-002		1103											M		
3	-003		1135											M		
4	-004		1212											M		
5	-005		1252											M		
6	-006		1357											M		
7	Gw-102213-Sm-007	10/22/13	1437	W6	M									M		
8	Gw-102313-Sm-008	10/23/13	920	W6	M									M		
9	Gw-102313-Sm-009		1006	W6	M									M		
10	RB-102313-Sm-010		1015	RB	M									M		
11	Gw-102313-Sm-011		1057	W6	M									M		
12	-012		1100											M		
13	-013		1133											M		
14	-014		1230											M		
15	Gw-102313-Sm-015	10/23/13	1317	W6G	M									M		

Project No/Phase/Task Code: 017302-T-07  
 Project Name: MLK  
 Project Location: Anderson, IN  
 Chemistry Contact: Deborah Andrasko  
 Sampler(s): Sam Malcojky

Laboratory Name: Test America  
 Lab Contact: Denise Hecker  
 Lab Location: North Center  
 Lab Quote No: 132007  
 Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Lab Contact: Denise Hecker  
 Lab Location: North Center  
 Lab Quote No: 132007

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Carrier: FedEx  
 Airbill No: 864250877559  
 Date Shipped: 10/23/13

Total Number of Containers: 45  
 All Samples in Cooler must be on COC

Notes/ Special Requirements:

RELINQUISHED BY	DATE	COMPANY	RECEIVED BY	DATE	TIME
Sam May	10/23/13	CRA	1. Patrick Howell	10/24/13	9:15
			2.		
			3.		

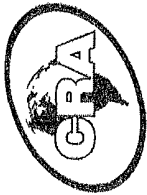
TAT Required in business days (Use separate COCs for different TATs):  
 1 Day  2 Days  3 Days  1 Week  2 Week  Other:

Distribution: WHITE - Fully Executed Copy (CRA) YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampling Crew

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

CRA Form: COC-10A (2011-08-04)





**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO: **IN-03487**  
PAGE **2** OF **2**

(See Reverse Side for Instructions)

Project No/ Phase/Task Code: <b>017302-T07</b>		Laboratory Name: <b>Test America</b>		Lab Location: <b>North Center</b>		SSOW ID: <b>132007</b>								
Project Name: <b>MLK</b>		Lab Contact: <b>Dennis Hecker</b>		Lab Quote No:		Carrier: <b>FedEx</b>								
Project Location: <b>Anderson, IN</b>		Chemistry Contact: <b>Deborah Andrasko</b>		ANALYSIS REQUESTED (See Back of COC for Definitions)		Airbill No: <b>804250877551</b>								
Sampler(s): <b>Sam Melcosky</b>		Matrix Code		PRESERVATION		Date Shipped: <b>10/23/17</b>								
SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)		DATE (mm/dd/yyyy)	TIME (hh:mm)	Grab (G) or Comp (C) (see back of COC)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO <sub>3</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	Encores 3x5-g, 1x25-g	Other:	Total Containers/Sample	
1	GW-102313-Sm-016	10/23/17	1403	W66	3	3							3	X
2	GW-102313-Sm-017	10/23/17	1505	W66	3	3							3	X
3	TB-102313-Sm-018	10/23/17	1530	TB6	1	1							1	X
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														

TAT Required in business days (use separate COCs for different TATs):  
 1 Day  2 Days  3 Days  1 Week  2 Week  Other:

Notes/ Special Requirements:

Total Number of Containers: **7**  
 All Samples in Cooler must be on COC

RELIQUISHED BY: **[Signature]** COMPANY: **CRA** DATE: **10/23/17** TIME: **1700**

RECEIVED BY: **[Signature]** COMPANY: **[Blank]** DATE: **10/24/17** TIME: **9:15**

MSMSD Request

COMMENTS/SPECIAL INSTRUCTIONS:

Carrier: FedEx

Airbill No: 804250877551

Date Shipped: 10/23/17

TestAmerica Canton Sample Receipt Form/Narrative  
Canton Facility

Login #: 30571

Client Conestoga - Rovers Site Name \_\_\_\_\_

Cooler unpacked by:  
Patricia Haswell

Cooler Received on 10/24/13 Opened on 10/24/13

FedEx: 1<sup>st</sup> Grd  UPS  FAS  Stetson  Client Drop Off  TestAmerica Courier  Other \_\_\_\_\_

TestAmerica Cooler # \_\_\_\_\_ Foam Box  Client Cooler  Box  Other \_\_\_\_\_

Packing material used:  Bubble Wrap  Foam  Plastic Bag  None  Other \_\_\_\_\_

COOLANT:  Wet Ice  Blue Ice  Dry Ice  Water  None

1. Cooler temperature upon receipt

IR GUN# A	(CF +2 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
IR GUN# 4	(CF +1 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
IR GUN# 5	(CF +2 °C)	Observed Cooler Temp. _____ °C	Corrected Cooler Temp. _____ °C
IR GUN# 8	(CF -0 °C)	<u>1.1</u> Observed Cooler Temp. <u>1.1</u> °C	

See Multiple Cooler Form Corrected

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1  Yes  No
- Were custody seals on the outside of the cooler(s) signed & dated?  Yes  No NA
- Were custody seals on the bottle(s)? Yes  No
3. Shippers' packing slip attached to the cooler(s)?  Yes  No
4. Did custody papers accompany the sample(s)?  Yes  No
5. Were the custody papers relinquished & signed in the appropriate place?  Yes  No
6. Did all bottles arrive in good condition (Unbroken)?  Yes  No
7. Could all bottle labels be reconciled with the COC?  Yes  No
8. Were correct bottle(s) used for the test(s) indicated?  Yes  No
9. Sufficient quantity received to perform indicated analyses?  Yes  No
10. Were sample(s) at the correct pH upon receipt? Yes  NA pH Strip Lot# HC385663
11. Were VOAs on the COC?  Yes  No
12. Were air bubbles >6 mm in any VOA vials? Yes  No  NA
13. Was a trip blank present in the cooler(s)?  Yes  No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_  
Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: [Signature]

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) \_\_\_\_\_ were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-30622-1

Client Project/Site: 17302-T07, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

11/12/2013 12:17:32 PM

Denise Heckler, Project Manager II

(330)966-9477

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	7
Sample Summary . . . . .	8
Detection Summary . . . . .	9
Client Sample Results . . . . .	12
Surrogate Summary . . . . .	30
QC Sample Results . . . . .	31
QC Association Summary . . . . .	51
Lab Chronicle . . . . .	55
Certification Summary . . . . .	59
Chain of Custody . . . . .	60

# Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits
F	MS/MSD Recovery and/or RPD exceeds the control limits

### GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### General Chemistry

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
U	Indicates the analyte was analyzed for but not detected.
H	Sample was prepped or analyzed beyond the specified holding time
B	Compound was found in the blank and sample.
F	MS/MSD Recovery and/or RPD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

**Job ID: 240-30622-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302-T07, RACER Delphi Anderson**

**Report Number: 240-30622-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 10/25/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.8 and 2.8 C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5), RB-102413-SM-024 (240-30622-6), GW-102413-SM-025 (240-30622-7), GW-102413-SM-026 (240-30622-8) and TB-102413-SM-027 (240-30622-9) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/05/2013 and 11/06/2013.

Methylene Chloride was detected in method blank MB 240-108604/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Methylene Chloride was detected in method blank MB 240-108654/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 108448 recovered outside control limits for the following analytes: trans-1,3-Dichloropropene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data

## Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

### Job ID: 240-30622-1 (Continued)

#### Laboratory: TestAmerica Canton (Continued)

has been reported.

The laboratory control sample (LCS) for batch 108604 recovered outside control limits for the following analytes: 2-Hexanone, trans-1,3-Dichloropropene, 1,2-Dichloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data has been reported.

There was no MS/MSD run in batch 108654 due to instrument failure.

1,2-Dichloropropane and trans-1,3-Dichloropropene failed the recovery criteria high for the MS/MSD of sample GW-102413-SM-022 (240-30622-4) in batch 240-108448.

Samples GW-102413-SM-019 (240-30622-1)[166.67X], GW-102413-SM-020 (240-30622-2)[250X], GW-102413-SM-021 (240-30622-3) [250X], GW-102413-SM-022 (240-30622-4)[500X], GW-102413-SM-023 (240-30622-5)[250X] and GW-102413-SM-025 (240-30622-7) [333.33X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.

#### DISSOLVED GASES

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for dissolved gases in accordance with RSK\_175. The samples were analyzed on 10/28/2013.

Methane was detected in method blank MB 240-107300/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the dissolved gases analysis.

All other quality control parameters were within the acceptance limits.

#### DISSOLVED METALS (ICP)

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for dissolved metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/29/2013 and analyzed on 10/31/2013.

Manganese was detected in method blank MB 240-107527/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

#### ALKALINITY

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 10/28/2013, 10/29/2013 and 11/04/2013.

No difficulties were encountered during the alkalinity analysis.

All quality control parameters were within the acceptance limits.

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Job ID: 240-30622-1 (Continued)

### Laboratory: TestAmerica Canton (Continued)

#### HARDNESS

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for hardness in accordance with SM 2340C. The samples were analyzed on 10/30/2013.

Hardness as calcium carbonate was detected in method blank MB 240-107774/1 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the hardness analysis.

All other quality control parameters were within the acceptance limits.

#### ANIONS

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 10/25/2013, 10/26/2013 and 10/27/2013.

Sulfate failed the recovery criteria high for the MS/MSD of sample GW-102413-SM-022 (240-30622-4) in batch 240-107291.

The continuing calibration verification (CCV) for nitrate associated with batch 107292 recovered above the upper control limit. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data has been reported.

Due to failing QC reanalysis of the following samples was performed outside of the analytical holding time: GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5), GW-102413-SM-025 (240-30622-7).

No other difficulties were encountered during the anions analysis.

All other quality control parameters were within the acceptance limits.

#### SULFIDE

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 10/31/2013.

No difficulties were encountered during the sulfide analysis.

All quality control parameters were within the acceptance limits.

#### TOTAL ORGANIC CARBON

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for total organic carbon in accordance with EPA SW-846 Method 9060. The samples were analyzed on 10/26/2013 and 10/27/2013.

No difficulties were encountered during the TOC analysis.

All quality control parameters were within the acceptance limits.

#### DISSOLVED ORGANIC CARBON

Samples GW-102413-SM-019 (240-30622-1), GW-102413-SM-020 (240-30622-2), GW-102413-SM-021 (240-30622-3), GW-102413-SM-022 (240-30622-4), GW-102413-SM-023 (240-30622-5) and GW-102413-SM-025 (240-30622-7) were analyzed for dissolved organic carbon in accordance with EPA SW-846 Method 9060. The samples were analyzed on 10/28/2013.

No difficulties were encountered during the TOC analysis.

All quality control parameters were within the acceptance limits.

# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
RSK-175	Dissolved Gases (GC)	RSK	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
2320B-1997	Alkalinity, Total	SM	TAL CAN
2340C-1997	Hardness, Total	SM	TAL CAN
300.0	Anions, Ion Chromatography	MCAWW	TAL CAN
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL CAN
9060	Organic Carbon, Dissolved (DOC)	SW846	TAL CAN
9060	Organic Carbon, Total (TOC)	SW846	TAL CAN

#### Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-30622-1	GW-102413-SM-019	Water	10/24/13 08:57	10/25/13 09:25
240-30622-2	GW-102413-SM-020	Water	10/24/13 10:00	10/25/13 09:25
240-30622-3	GW-102413-SM-021	Water	10/24/13 10:03	10/25/13 09:25
240-30622-4	GW-102413-SM-022	Water	10/24/13 11:03	10/25/13 09:25
240-30622-5	GW-102413-SM-023	Water	10/24/13 12:05	10/25/13 09:25
240-30622-6	RB-102413-SM-024	Water	10/24/13 12:25	10/25/13 09:25
240-30622-7	GW-102413-SM-025	Water	10/24/13 13:20	10/25/13 09:25
240-30622-8	GW-102413-SM-026	Water	10/24/13 14:30	10/25/13 09:25
240-30622-9	TB-102413-SM-027	Water	10/24/13 16:30	10/25/13 09:25





# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Client Sample ID: GW-102413-SM-019

## Lab Sample ID: 240-30622-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	51	J	170	25	ug/L	166.67		8260B	Total/NA
Trichloroethene	420		170	28	ug/L	166.67		8260B	Total/NA
Vinyl chloride	1400		170	37	ug/L	166.67		8260B	Total/NA
cis-1,2-Dichloroethene	4200		170	28	ug/L	166.67		8260B	Total/NA
1,2,4-Trichlorobenzene	61	J	170	25	ug/L	166.67		8260B	Total/NA
Methane	57	B	0.50	0.070	ug/L		1	RSK-175	Total/NA
Ethane	16		0.50	0.19	ug/L		1	RSK-175	Total/NA
Ethylene	49		0.50	0.18	ug/L		1	RSK-175	Total/NA
Manganese	540	B	15	0.41	ug/L		1	6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	420		5.0	1.9	mg/L		1	2320B-1997	Total/NA
Hardness as calcium carbonate	560	B	25	16	mg/L		1	2340C-1997	Total/NA
Chloride	27		1.0	0.10	mg/L		1	300.0	Total/NA
Sulfate	120		1.0	0.12	mg/L		1	300.0	Total/NA
Total Organic Carbon	3.4		1.0	0.24	mg/L		1	9060	Total/NA
Dissolved Organic Carbon	3.4		1.0	0.24	mg/L		1	9060	Dissolved

## Client Sample ID: GW-102413-SM-020

## Lab Sample ID: 240-30622-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	110	J	250	38	ug/L	250		8260B	Total/NA
Trichloroethene	4800		250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	77	J	250	55	ug/L	250		8260B	Total/NA
1,1,1-Trichloroethane	520		250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	930		250	43	ug/L	250		8260B	Total/NA
Methane	18	B	0.50	0.070	ug/L		1	RSK-175	Total/NA
Ethane	1.8		0.50	0.19	ug/L		1	RSK-175	Total/NA
Ethylene	4.1		0.50	0.18	ug/L		1	RSK-175	Total/NA
Manganese	840	B	15	0.41	ug/L		1	6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	320		5.0	1.9	mg/L		1	2320B-1997	Total/NA
Hardness as calcium carbonate	400	B	25	16	mg/L		1	2340C-1997	Total/NA
Chloride	20		1.0	0.10	mg/L		1	300.0	Total/NA
Nitrite as N	0.28	^	0.10	0.012	mg/L		1	300.0	Total/NA
Nitrate as N	3.2	^	0.10	0.023	mg/L		1	300.0	Total/NA
Sulfate	100		1.0	0.12	mg/L		1	300.0	Total/NA
Total Organic Carbon	5.1		1.0	0.24	mg/L		1	9060	Total/NA
Nitrite as N - RA	0.38	H	0.10	0.012	mg/L		1	300.0	Total/NA
Nitrate as N - RA	3.6	H	0.10	0.023	mg/L		1	300.0	Total/NA
Dissolved Organic Carbon	5.1		1.0	0.24	mg/L		1	9060	Dissolved

## Client Sample ID: GW-102413-SM-021

## Lab Sample ID: 240-30622-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	120	J	250	38	ug/L	250		8260B	Total/NA
Methylene Chloride	190	J B	250	83	ug/L	250		8260B	Total/NA
Trichloroethene	5300		250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	82	J	250	55	ug/L	250		8260B	Total/NA
1,1,1-Trichloroethane	570		250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	1000		250	43	ug/L	250		8260B	Total/NA
Methane	18	B	0.50	0.070	ug/L		1	RSK-175	Total/NA
Ethane	1.9		0.50	0.19	ug/L		1	RSK-175	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

## Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

### Client Sample ID: GW-102413-SM-021 (Continued)

### Lab Sample ID: 240-30622-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Ethylene	4.3		0.50	0.18	ug/L	1		RSK-175	Total/NA
Manganese	850	B	15	0.41	ug/L	1		6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	330		5.0	1.9	mg/L	1		2320B-1997	Total/NA
Hardness as calcium carbonate	400	B	25	16	mg/L	1		2340C-1997	Total/NA
Chloride	20		1.0	0.10	mg/L	1		300.0	Total/NA
Nitrite as N	0.26	^	0.10	0.012	mg/L	1		300.0	Total/NA
Nitrate as N	3.4	^	0.10	0.023	mg/L	1		300.0	Total/NA
Sulfate	100		1.0	0.12	mg/L	1		300.0	Total/NA
Total Organic Carbon	5.0		1.0	0.24	mg/L	1		9060	Total/NA
Nitrite as N - RA	0.38	H	0.10	0.012	mg/L	1		300.0	Total/NA
Nitrate as N - RA	3.5	H	0.10	0.023	mg/L	1		300.0	Total/NA
Dissolved Organic Carbon	5.3		1.0	0.24	mg/L	1		9060	Dissolved

### Client Sample ID: GW-102413-SM-022

### Lab Sample ID: 240-30622-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	400	J	500	75	ug/L	500		8260B	Total/NA
Trichloroethene	8300		500	85	ug/L	500		8260B	Total/NA
Vinyl chloride	560		500	110	ug/L	500		8260B	Total/NA
1,1,1-Trichloroethane	960		500	110	ug/L	500		8260B	Total/NA
cis-1,2-Dichloroethene	12000		500	85	ug/L	500		8260B	Total/NA
trans-1,2-Dichloroethene	110	J	500	95	ug/L	500		8260B	Total/NA
Methane	26	B	0.50	0.070	ug/L	1		RSK-175	Total/NA
Ethane	6.8		0.50	0.19	ug/L	1		RSK-175	Total/NA
Ethylene	13		0.50	0.18	ug/L	1		RSK-175	Total/NA
Manganese	410	B	15	0.41	ug/L	1		6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	390		5.0	1.9	mg/L	1		2320B-1997	Total/NA
Hardness as calcium carbonate	430	B	25	16	mg/L	1		2340C-1997	Total/NA
Chloride	42		1.0	0.10	mg/L	1		300.0	Total/NA
Sulfate	100		1.0	0.12	mg/L	1		300.0	Total/NA
Total Organic Carbon	4.4		1.0	0.24	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	4.3		1.0	0.24	mg/L	1		9060	Dissolved

### Client Sample ID: GW-102413-SM-023

### Lab Sample ID: 240-30622-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	310		250	38	ug/L	250		8260B	Total/NA
Ethylbenzene	620		250	43	ug/L	250		8260B	Total/NA
Toluene	1900		250	33	ug/L	250		8260B	Total/NA
Trichloroethene	150	J	250	43	ug/L	250		8260B	Total/NA
Vinyl chloride	1600		250	55	ug/L	250		8260B	Total/NA
Xylenes, Total	1300		500	35	ug/L	250		8260B	Total/NA
1,1,1-Trichloroethane	74	J	250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	7200		250	43	ug/L	250		8260B	Total/NA
Methane	400	B	0.50	0.070	ug/L	1		RSK-175	Total/NA
Ethane	25		0.50	0.19	ug/L	1		RSK-175	Total/NA
Ethylene	610		0.50	0.18	ug/L	1		RSK-175	Total/NA
Manganese	690	B	15	0.41	ug/L	1		6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	420		5.0	1.9	mg/L	1		2320B-1997	Total/NA
Hardness as calcium carbonate	530	B	25	16	mg/L	1		2340C-1997	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

## Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

### Client Sample ID: GW-102413-SM-023 (Continued)

Lab Sample ID: 240-30622-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	67		1.0	0.10	mg/L	1		300.0	Total/NA
Nitrate as N	0.16	^	0.10	0.023	mg/L	1		300.0	Total/NA
Sulfate	140		1.0	0.12	mg/L	1		300.0	Total/NA
Total Organic Carbon	14		1.0	0.24	mg/L	1		9060	Total/NA
Nitrate as N - RA	0.20	H	0.10	0.023	mg/L	1		300.0	Total/NA
Dissolved Organic Carbon	14		1.0	0.24	mg/L	1		9060	Dissolved

### Client Sample ID: RB-102413-SM-024

Lab Sample ID: 240-30622-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.1	J	10	1.1	ug/L	1		8260B	Total/NA
Dichlorobromomethane	2.8		1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	19		1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	0.18	J	1.0	0.13	ug/L	1		8260B	Total/NA

### Client Sample ID: GW-102413-SM-025

Lab Sample ID: 240-30622-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	290	J	330	50	ug/L	333.33		8260B	Total/NA
Methylene Chloride	120	J B	330	110	ug/L	333.33		8260B	Total/NA
Trichloroethene	150	J	330	57	ug/L	333.33		8260B	Total/NA
Vinyl chloride	1200		330	73	ug/L	333.33		8260B	Total/NA
cis-1,2-Dichloroethene	8100		330	57	ug/L	333.33		8260B	Total/NA
trans-1,2-Dichloroethene	150	J	330	63	ug/L	333.33		8260B	Total/NA
Methane	29	B	0.50	0.070	ug/L	1		RSK-175	Total/NA
Ethane	0.86		0.50	0.19	ug/L	1		RSK-175	Total/NA
Ethylene	8.4		0.50	0.18	ug/L	1		RSK-175	Total/NA
Manganese	110	B	15	0.41	ug/L	1		6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	320		5.0	1.9	mg/L	1		2320B-1997	Total/NA
Hardness as calcium carbonate	490	B	25	16	mg/L	1		2340C-1997	Total/NA
Chloride	76		1.0	0.10	mg/L	1		300.0	Total/NA
Sulfate	100		1.0	0.12	mg/L	1		300.0	Total/NA
Total Organic Carbon	2.5		1.0	0.24	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	2.4		1.0	0.24	mg/L	1		9060	Dissolved

### Client Sample ID: GW-102413-SM-026

Lab Sample ID: 240-30622-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.23	J	1.0	0.17	ug/L	1		8260B	Total/NA
Vinyl chloride	1.5		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	0.32	J	1.0	0.17	ug/L	1		8260B	Total/NA

### Client Sample ID: TB-102413-SM-027

Lab Sample ID: 240-30622-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.9	J	10	1.1	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102413-SM-019**

**Lab Sample ID: 240-30622-1**

**Date Collected: 10/24/13 08:57**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	1700	U	1700	180	ug/L			11/06/13 01:28	166.67
Benzene	170	U	170	22	ug/L			11/06/13 01:28	166.67
Dichlorobromomethane	170	U	170	25	ug/L			11/06/13 01:28	166.67
Bromoform	170	U	170	110	ug/L			11/06/13 01:28	166.67
Bromomethane	170	U	170	68	ug/L			11/06/13 01:28	166.67
2-Butanone (MEK)	1700	U	1700	95	ug/L			11/06/13 01:28	166.67
Carbon disulfide	170	U	170	22	ug/L			11/06/13 01:28	166.67
Carbon tetrachloride	170	U	170	22	ug/L			11/06/13 01:28	166.67
Chlorobenzene	170	U	170	25	ug/L			11/06/13 01:28	166.67
Chloroethane	170	U	170	48	ug/L			11/06/13 01:28	166.67
Chloroform	170	U	170	27	ug/L			11/06/13 01:28	166.67
Chloromethane	170	U	170	50	ug/L			11/06/13 01:28	166.67
<b>1,1-Dichloroethane</b>	<b>51</b>	<b>J</b>	170	25	ug/L			11/06/13 01:28	166.67
1,2-Dichloroethane	170	U	170	37	ug/L			11/06/13 01:28	166.67
1,1-Dichloroethene	170	U	170	32	ug/L			11/06/13 01:28	166.67
1,2-Dichloropropane	170	U	170	30	ug/L			11/06/13 01:28	166.67
cis-1,3-Dichloropropene	170	U	170	23	ug/L			11/06/13 01:28	166.67
trans-1,3-Dichloropropene	170	U	170	32	ug/L			11/06/13 01:28	166.67
Ethylbenzene	170	U	170	28	ug/L			11/06/13 01:28	166.67
2-Hexanone	1700	U	1700	68	ug/L			11/06/13 01:28	166.67
Methylene Chloride	170	U	170	55	ug/L			11/06/13 01:28	166.67
4-Methyl-2-pentanone (MIBK)	1700	U	1700	53	ug/L			11/06/13 01:28	166.67
Styrene	170	U	170	18	ug/L			11/06/13 01:28	166.67
1,1,2,2-Tetrachloroethane	170	U	170	30	ug/L			11/06/13 01:28	166.67
Tetrachloroethene	170	U	170	48	ug/L			11/06/13 01:28	166.67
Toluene	170	U	170	22	ug/L			11/06/13 01:28	166.67
<b>Trichloroethene</b>	<b>420</b>		170	28	ug/L			11/06/13 01:28	166.67
<b>Vinyl chloride</b>	<b>1400</b>		170	37	ug/L			11/06/13 01:28	166.67
Xylenes, Total	330	U	330	23	ug/L			11/06/13 01:28	166.67
1,1,1-Trichloroethane	170	U	170	37	ug/L			11/06/13 01:28	166.67
1,1,2-Trichloroethane	170	U	170	45	ug/L			11/06/13 01:28	166.67
Cyclohexane	170	U	170	20	ug/L			11/06/13 01:28	166.67
1,2-Dibromo-3-Chloropropane	330	U	330	110	ug/L			11/06/13 01:28	166.67
Ethylene Dibromide	170	U	170	40	ug/L			11/06/13 01:28	166.67
Dichlorodifluoromethane	170	U	170	52	ug/L			11/06/13 01:28	166.67
<b>cis-1,2-Dichloroethene</b>	<b>4200</b>		170	28	ug/L			11/06/13 01:28	166.67
trans-1,2-Dichloroethene	170	U	170	32	ug/L			11/06/13 01:28	166.67
Isopropylbenzene	170	U	170	22	ug/L			11/06/13 01:28	166.67
Methyl acetate	1700	U	1700	63	ug/L			11/06/13 01:28	166.67
Methyl tert-butyl ether	170	U	170	28	ug/L			11/06/13 01:28	166.67
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	170	47	ug/L			11/06/13 01:28	166.67
<b>1,2,4-Trichlorobenzene</b>	<b>61</b>	<b>J</b>	170	25	ug/L			11/06/13 01:28	166.67
1,2-Dichlorobenzene	170	U	170	22	ug/L			11/06/13 01:28	166.67
1,3-Dichlorobenzene	170	U	170	23	ug/L			11/06/13 01:28	166.67
1,4-Dichlorobenzene	170	U	170	22	ug/L			11/06/13 01:28	166.67
Trichlorofluoromethane	170	U	170	35	ug/L			11/06/13 01:28	166.67
Chlorodibromomethane	170	U	170	30	ug/L			11/06/13 01:28	166.67
Methylcyclohexane	170	U	170	22	ug/L			11/06/13 01:28	166.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		11/06/13 01:28	166.67
4-Bromofluorobenzene (Surr)	75		66 - 117		11/06/13 01:28	166.67
Toluene-d8 (Surr)	84		74 - 115		11/06/13 01:28	166.67
Dibromofluoromethane (Surr)	98		75 - 121		11/06/13 01:28	166.67

**Client Sample ID: GW-102413-SM-020**

**Lab Sample ID: 240-30622-2**

**Date Collected: 10/24/13 10:00**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			11/06/13 01:51	250
Benzene	250	U	250	33	ug/L			11/06/13 01:51	250
Dichlorobromomethane	250	U	250	38	ug/L			11/06/13 01:51	250
Bromoform	250	U	250	160	ug/L			11/06/13 01:51	250
Bromomethane	250	U	250	100	ug/L			11/06/13 01:51	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			11/06/13 01:51	250
Carbon disulfide	250	U	250	33	ug/L			11/06/13 01:51	250
Carbon tetrachloride	250	U	250	33	ug/L			11/06/13 01:51	250
Chlorobenzene	250	U	250	38	ug/L			11/06/13 01:51	250
Chloroethane	250	U	250	73	ug/L			11/06/13 01:51	250
Chloroform	250	U	250	40	ug/L			11/06/13 01:51	250
Chloromethane	250	U	250	75	ug/L			11/06/13 01:51	250
<b>1,1-Dichloroethane</b>	<b>110</b>	<b>J</b>	250	38	ug/L			11/06/13 01:51	250
1,2-Dichloroethane	250	U	250	55	ug/L			11/06/13 01:51	250
1,1-Dichloroethene	250	U	250	48	ug/L			11/06/13 01:51	250
1,2-Dichloropropane	250	U	250	45	ug/L			11/06/13 01:51	250
cis-1,3-Dichloropropene	250	U	250	35	ug/L			11/06/13 01:51	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			11/06/13 01:51	250
Ethylbenzene	250	U	250	43	ug/L			11/06/13 01:51	250
2-Hexanone	2500	U	2500	100	ug/L			11/06/13 01:51	250
Methylene Chloride	250	U	250	83	ug/L			11/06/13 01:51	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			11/06/13 01:51	250
Styrene	250	U	250	28	ug/L			11/06/13 01:51	250
1,1,2,2-Tetrachloroethane	250	U	250	45	ug/L			11/06/13 01:51	250
Tetrachloroethene	250	U	250	73	ug/L			11/06/13 01:51	250
Toluene	250	U	250	33	ug/L			11/06/13 01:51	250
<b>Trichloroethene</b>	<b>4800</b>		250	43	ug/L			11/06/13 01:51	250
<b>Vinyl chloride</b>	<b>77</b>	<b>J</b>	250	55	ug/L			11/06/13 01:51	250
Xylenes, Total	500	U	500	35	ug/L			11/06/13 01:51	250
<b>1,1,1-Trichloroethane</b>	<b>520</b>		250	55	ug/L			11/06/13 01:51	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			11/06/13 01:51	250
Cyclohexane	250	U	250	30	ug/L			11/06/13 01:51	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			11/06/13 01:51	250
Ethylene Dibromide	250	U	250	60	ug/L			11/06/13 01:51	250
Dichlorodifluoromethane	250	U	250	78	ug/L			11/06/13 01:51	250
<b>cis-1,2-Dichloroethene</b>	<b>930</b>		250	43	ug/L			11/06/13 01:51	250
trans-1,2-Dichloroethene	250	U	250	48	ug/L			11/06/13 01:51	250
Isopropylbenzene	250	U	250	33	ug/L			11/06/13 01:51	250
Methyl acetate	2500	U	2500	95	ug/L			11/06/13 01:51	250
Methyl tert-butyl ether	250	U	250	43	ug/L			11/06/13 01:51	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			11/06/13 01:51	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			11/06/13 01:51	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			11/06/13 01:51	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102413-SM-020**

**Date Collected: 10/24/13 10:00**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	250	U	250	35	ug/L			11/06/13 01:51	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			11/06/13 01:51	250
Trichlorofluoromethane	250	U	250	53	ug/L			11/06/13 01:51	250
Chlorodibromomethane	250	U	250	45	ug/L			11/06/13 01:51	250
Methylcyclohexane	250	U	250	33	ug/L			11/06/13 01:51	250
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	98		63 - 129					11/06/13 01:51	250
4-Bromofluorobenzene (Surr)	71		66 - 117					11/06/13 01:51	250
Toluene-d8 (Surr)	83		74 - 115					11/06/13 01:51	250
Dibromofluoromethane (Surr)	98		75 - 121					11/06/13 01:51	250

**Client Sample ID: GW-102413-SM-021**

**Date Collected: 10/24/13 10:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			11/06/13 15:41	250
Benzene	250	U	250	33	ug/L			11/06/13 15:41	250
Dichlorobromomethane	250	U	250	38	ug/L			11/06/13 15:41	250
Bromoform	250	U	250	160	ug/L			11/06/13 15:41	250
Bromomethane	250	U	250	100	ug/L			11/06/13 15:41	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			11/06/13 15:41	250
Carbon disulfide	250	U	250	33	ug/L			11/06/13 15:41	250
Carbon tetrachloride	250	U	250	33	ug/L			11/06/13 15:41	250
Chlorobenzene	250	U	250	38	ug/L			11/06/13 15:41	250
Chloroethane	250	U	250	73	ug/L			11/06/13 15:41	250
Chloroform	250	U	250	40	ug/L			11/06/13 15:41	250
Chloromethane	250	U	250	75	ug/L			11/06/13 15:41	250
<b>1,1-Dichloroethane</b>	<b>120</b>	<b>J</b>	250	38	ug/L			11/06/13 15:41	250
1,2-Dichloroethane	250	U	250	55	ug/L			11/06/13 15:41	250
1,1-Dichloroethene	250	U	250	48	ug/L			11/06/13 15:41	250
1,2-Dichloropropane	250	U	250	45	ug/L			11/06/13 15:41	250
cis-1,3-Dichloropropene	250	U	250	35	ug/L			11/06/13 15:41	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			11/06/13 15:41	250
Ethylbenzene	250	U	250	43	ug/L			11/06/13 15:41	250
2-Hexanone	2500	U	2500	100	ug/L			11/06/13 15:41	250
<b>Methylene Chloride</b>	<b>190</b>	<b>J B</b>	250	83	ug/L			11/06/13 15:41	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			11/06/13 15:41	250
Styrene	250	U	250	28	ug/L			11/06/13 15:41	250
1,1,1,2-Tetrachloroethane	250	U	250	45	ug/L			11/06/13 15:41	250
Tetrachloroethene	250	U	250	73	ug/L			11/06/13 15:41	250
Toluene	250	U	250	33	ug/L			11/06/13 15:41	250
<b>Trichloroethene</b>	<b>5300</b>		250	43	ug/L			11/06/13 15:41	250
<b>Vinyl chloride</b>	<b>82</b>	<b>J</b>	250	55	ug/L			11/06/13 15:41	250
Xylenes, Total	500	U	500	35	ug/L			11/06/13 15:41	250
<b>1,1,1-Trichloroethane</b>	<b>570</b>		250	55	ug/L			11/06/13 15:41	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			11/06/13 15:41	250
Cyclohexane	250	U	250	30	ug/L			11/06/13 15:41	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			11/06/13 15:41	250
Ethylene Dibromide	250	U	250	60	ug/L			11/06/13 15:41	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102413-SM-021**

**Date Collected: 10/24/13 10:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	250	U	250	78	ug/L			11/06/13 15:41	250
<b>cis-1,2-Dichloroethene</b>	<b>1000</b>		250	43	ug/L			11/06/13 15:41	250
trans-1,2-Dichloroethene	250	U	250	48	ug/L			11/06/13 15:41	250
Isopropylbenzene	250	U	250	33	ug/L			11/06/13 15:41	250
Methyl acetate	2500	U	2500	95	ug/L			11/06/13 15:41	250
Methyl tert-butyl ether	250	U	250	43	ug/L			11/06/13 15:41	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			11/06/13 15:41	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			11/06/13 15:41	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			11/06/13 15:41	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			11/06/13 15:41	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			11/06/13 15:41	250
Trichlorofluoromethane	250	U	250	53	ug/L			11/06/13 15:41	250
Chlorodibromomethane	250	U	250	45	ug/L			11/06/13 15:41	250
Methylcyclohexane	250	U	250	33	ug/L			11/06/13 15:41	250
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	106		63 - 129					11/06/13 15:41	250
<i>4-Bromofluorobenzene (Surr)</i>	78		66 - 117					11/06/13 15:41	250
<i>Toluene-d8 (Surr)</i>	91		74 - 115					11/06/13 15:41	250
<i>Dibromofluoromethane (Surr)</i>	104		75 - 121					11/06/13 15:41	250

**Client Sample ID: GW-102413-SM-022**

**Date Collected: 10/24/13 11:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5000	U	5000	550	ug/L			11/05/13 16:48	500
Benzene	500	U	500	65	ug/L			11/05/13 16:48	500
Dichlorobromomethane	500	U	500	75	ug/L			11/05/13 16:48	500
Bromoform	500	U	500	320	ug/L			11/05/13 16:48	500
Bromomethane	500	U	500	210	ug/L			11/05/13 16:48	500
2-Butanone (MEK)	5000	U	5000	290	ug/L			11/05/13 16:48	500
Carbon disulfide	500	U	500	65	ug/L			11/05/13 16:48	500
Carbon tetrachloride	500	U	500	65	ug/L			11/05/13 16:48	500
Chlorobenzene	500	U	500	75	ug/L			11/05/13 16:48	500
Chloroethane	500	U	500	150	ug/L			11/05/13 16:48	500
Chloroform	500	U	500	80	ug/L			11/05/13 16:48	500
Chloromethane	500	U	500	150	ug/L			11/05/13 16:48	500
<b>1,1-Dichloroethane</b>	<b>400</b>	<b>J</b>	500	75	ug/L			11/05/13 16:48	500
1,2-Dichloroethane	500	U	500	110	ug/L			11/05/13 16:48	500
1,1-Dichloroethene	500	U	500	95	ug/L			11/05/13 16:48	500
1,2-Dichloropropane	500	U	500	90	ug/L			11/05/13 16:48	500
cis-1,3-Dichloropropene	500	U	500	70	ug/L			11/05/13 16:48	500
trans-1,3-Dichloropropene	500	U *	500	95	ug/L			11/05/13 16:48	500
Ethylbenzene	500	U	500	85	ug/L			11/05/13 16:48	500
2-Hexanone	5000	U	5000	210	ug/L			11/05/13 16:48	500
Methylene Chloride	500	U	500	170	ug/L			11/05/13 16:48	500
4-Methyl-2-pentanone (MIBK)	5000	U	5000	160	ug/L			11/05/13 16:48	500
Styrene	500	U	500	55	ug/L			11/05/13 16:48	500
1,1,2,2-Tetrachloroethane	500	U	500	90	ug/L			11/05/13 16:48	500
Tetrachloroethene	500	U	500	150	ug/L			11/05/13 16:48	500

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102413-SM-022**

**Date Collected: 10/24/13 11:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	500	U	500	65	ug/L			11/05/13 16:48	500
<b>Trichloroethene</b>	<b>8300</b>		500	85	ug/L			11/05/13 16:48	500
<b>Vinyl chloride</b>	<b>560</b>		500	110	ug/L			11/05/13 16:48	500
Xylenes, Total	1000	U	1000	70	ug/L			11/05/13 16:48	500
<b>1,1,1-Trichloroethane</b>	<b>960</b>		500	110	ug/L			11/05/13 16:48	500
1,1,2-Trichloroethane	500	U	500	140	ug/L			11/05/13 16:48	500
Cyclohexane	500	U	500	60	ug/L			11/05/13 16:48	500
1,2-Dibromo-3-Chloropropane	1000	U	1000	340	ug/L			11/05/13 16:48	500
Ethylene Dibromide	500	U	500	120	ug/L			11/05/13 16:48	500
Dichlorodifluoromethane	500	U	500	160	ug/L			11/05/13 16:48	500
<b>cis-1,2-Dichloroethene</b>	<b>12000</b>		500	85	ug/L			11/05/13 16:48	500
<b>trans-1,2-Dichloroethene</b>	<b>110</b>	<b>J</b>	500	95	ug/L			11/05/13 16:48	500
Isopropylbenzene	500	U	500	65	ug/L			11/05/13 16:48	500
Methyl acetate	5000	U	5000	190	ug/L			11/05/13 16:48	500
Methyl tert-butyl ether	500	U	500	85	ug/L			11/05/13 16:48	500
1,1,2-Trichloro-1,2,2-trifluoroethane	500	U	500	140	ug/L			11/05/13 16:48	500
1,2,4-Trichlorobenzene	500	U	500	75	ug/L			11/05/13 16:48	500
1,2-Dichlorobenzene	500	U	500	65	ug/L			11/05/13 16:48	500
1,3-Dichlorobenzene	500	U	500	70	ug/L			11/05/13 16:48	500
1,4-Dichlorobenzene	500	U	500	65	ug/L			11/05/13 16:48	500
Trichlorofluoromethane	500	U	500	110	ug/L			11/05/13 16:48	500
Chlorodibromomethane	500	U	500	90	ug/L			11/05/13 16:48	500
Methylcyclohexane	500	U	500	65	ug/L			11/05/13 16:48	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	116		63 - 129		11/05/13 16:48	500
<i>4-Bromofluorobenzene (Surr)</i>	84		66 - 117		11/05/13 16:48	500
<i>Toluene-d8 (Surr)</i>	95		74 - 115		11/05/13 16:48	500
<i>Dibromofluoromethane (Surr)</i>	109		75 - 121		11/05/13 16:48	500

**Client Sample ID: GW-102413-SM-023**

**Date Collected: 10/24/13 12:05**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			11/05/13 17:10	250
Benzene	250	U	250	33	ug/L			11/05/13 17:10	250
Dichlorobromomethane	250	U	250	38	ug/L			11/05/13 17:10	250
Bromoform	250	U	250	160	ug/L			11/05/13 17:10	250
Bromomethane	250	U	250	100	ug/L			11/05/13 17:10	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			11/05/13 17:10	250
Carbon disulfide	250	U	250	33	ug/L			11/05/13 17:10	250
Carbon tetrachloride	250	U	250	33	ug/L			11/05/13 17:10	250
Chlorobenzene	250	U	250	38	ug/L			11/05/13 17:10	250
Chloroethane	250	U	250	73	ug/L			11/05/13 17:10	250
Chloroform	250	U	250	40	ug/L			11/05/13 17:10	250
Chloromethane	250	U	250	75	ug/L			11/05/13 17:10	250
<b>1,1-Dichloroethane</b>	<b>310</b>		250	38	ug/L			11/05/13 17:10	250
1,2-Dichloroethane	250	U	250	55	ug/L			11/05/13 17:10	250
1,1-Dichloroethene	250	U	250	48	ug/L			11/05/13 17:10	250
1,2-Dichloropropane	250	U	250	45	ug/L			11/05/13 17:10	250

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102413-SM-023**

**Date Collected: 10/24/13 12:05**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	250	U	250	35	ug/L			11/05/13 17:10	250
trans-1,3-Dichloropropene	250	U *	250	48	ug/L			11/05/13 17:10	250
<b>Ethylbenzene</b>	<b>620</b>		250	43	ug/L			11/05/13 17:10	250
2-Hexanone	2500	U	2500	100	ug/L			11/05/13 17:10	250
Methylene Chloride	250	U	250	83	ug/L			11/05/13 17:10	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			11/05/13 17:10	250
Styrene	250	U	250	28	ug/L			11/05/13 17:10	250
1,1,2,2-Tetrachloroethane	250	U	250	45	ug/L			11/05/13 17:10	250
Tetrachloroethene	250	U	250	73	ug/L			11/05/13 17:10	250
<b>Toluene</b>	<b>1900</b>		250	33	ug/L			11/05/13 17:10	250
<b>Trichloroethene</b>	<b>150</b>	<b>J</b>	250	43	ug/L			11/05/13 17:10	250
<b>Vinyl chloride</b>	<b>1600</b>		250	55	ug/L			11/05/13 17:10	250
<b>Xylenes, Total</b>	<b>1300</b>		500	35	ug/L			11/05/13 17:10	250
<b>1,1,1-Trichloroethane</b>	<b>74</b>	<b>J</b>	250	55	ug/L			11/05/13 17:10	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			11/05/13 17:10	250
Cyclohexane	250	U	250	30	ug/L			11/05/13 17:10	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			11/05/13 17:10	250
Ethylene Dibromide	250	U	250	60	ug/L			11/05/13 17:10	250
Dichlorodifluoromethane	250	U	250	78	ug/L			11/05/13 17:10	250
<b>cis-1,2-Dichloroethene</b>	<b>7200</b>		250	43	ug/L			11/05/13 17:10	250
trans-1,2-Dichloroethene	250	U	250	48	ug/L			11/05/13 17:10	250
Isopropylbenzene	250	U	250	33	ug/L			11/05/13 17:10	250
Methyl acetate	2500	U	2500	95	ug/L			11/05/13 17:10	250
Methyl tert-butyl ether	250	U	250	43	ug/L			11/05/13 17:10	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			11/05/13 17:10	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			11/05/13 17:10	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			11/05/13 17:10	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			11/05/13 17:10	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			11/05/13 17:10	250
Trichlorofluoromethane	250	U	250	53	ug/L			11/05/13 17:10	250
Chlorodibromomethane	250	U	250	45	ug/L			11/05/13 17:10	250
Methylcyclohexane	250	U	250	33	ug/L			11/05/13 17:10	250

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		63 - 129		11/05/13 17:10	250
4-Bromofluorobenzene (Surr)	95		66 - 117		11/05/13 17:10	250
Toluene-d8 (Surr)	91		74 - 115		11/05/13 17:10	250
Dibromofluoromethane (Surr)	109		75 - 121		11/05/13 17:10	250

**Client Sample ID: RB-102413-SM-024**

**Date Collected: 10/24/13 12:25**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.1</b>	<b>J</b>	10	1.1	ug/L			11/05/13 17:32	1
Benzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1
<b>Dichlorobromomethane</b>	<b>2.8</b>		1.0	0.15	ug/L			11/05/13 17:32	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/05/13 17:32	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/05/13 17:32	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/05/13 17:32	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-102413-SM-024**

**Date Collected: 10/24/13 12:25**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 17:32	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/05/13 17:32	1
<b>Chloroform</b>	<b>19</b>		1.0	0.16	ug/L			11/05/13 17:32	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/05/13 17:32	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/05/13 17:32	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 17:32	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 17:32	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/05/13 17:32	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/05/13 17:32	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			11/05/13 17:32	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/05/13 17:32	1
2-Hexanone	10	U	10	0.41	ug/L			11/05/13 17:32	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/05/13 17:32	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/05/13 17:32	1
Styrene	1.0	U	1.0	0.11	ug/L			11/05/13 17:32	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/05/13 17:32	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/05/13 17:32	1
<b>Toluene</b>	<b>0.18</b>	<b>J</b>	1.0	0.13	ug/L			11/05/13 17:32	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 17:32	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/05/13 17:32	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/05/13 17:32	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 17:32	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/05/13 17:32	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/05/13 17:32	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/05/13 17:32	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/05/13 17:32	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/05/13 17:32	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 17:32	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 17:32	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1
Methyl acetate	10	U	10	0.38	ug/L			11/05/13 17:32	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/05/13 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/05/13 17:32	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 17:32	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/05/13 17:32	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/05/13 17:32	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/05/13 17:32	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/05/13 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	122		63 - 129					11/05/13 17:32	1
4-Bromofluorobenzene (Surr)	85		66 - 117					11/05/13 17:32	1
Toluene-d8 (Surr)	90		74 - 115					11/05/13 17:32	1
Dibromofluoromethane (Surr)	117		75 - 121					11/05/13 17:32	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102413-SM-025**

**Date Collected: 10/24/13 13:20**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	3300	U	3300	370	ug/L			11/06/13 13:22	333.33
Benzene	330	U	330	43	ug/L			11/06/13 13:22	333.33
Dichlorobromomethane	330	U	330	50	ug/L			11/06/13 13:22	333.33
Bromoform	330	U	330	210	ug/L			11/06/13 13:22	333.33
Bromomethane	330	U	330	140	ug/L			11/06/13 13:22	333.33
2-Butanone (MEK)	3300	U	3300	190	ug/L			11/06/13 13:22	333.33
Carbon disulfide	330	U	330	43	ug/L			11/06/13 13:22	333.33
Carbon tetrachloride	330	U	330	43	ug/L			11/06/13 13:22	333.33
Chlorobenzene	330	U	330	50	ug/L			11/06/13 13:22	333.33
Chloroethane	330	U	330	97	ug/L			11/06/13 13:22	333.33
Chloroform	330	U	330	53	ug/L			11/06/13 13:22	333.33
Chloromethane	330	U	330	100	ug/L			11/06/13 13:22	333.33
<b>1,1-Dichloroethane</b>	<b>290</b>	<b>J</b>	330	50	ug/L			11/06/13 13:22	333.33
1,2-Dichloroethane	330	U	330	73	ug/L			11/06/13 13:22	333.33
1,1-Dichloroethene	330	U	330	63	ug/L			11/06/13 13:22	333.33
1,2-Dichloropropane	330	U *	330	60	ug/L			11/06/13 13:22	333.33
cis-1,3-Dichloropropene	330	U	330	47	ug/L			11/06/13 13:22	333.33
trans-1,3-Dichloropropene	330	U *	330	63	ug/L			11/06/13 13:22	333.33
Ethylbenzene	330	U	330	57	ug/L			11/06/13 13:22	333.33
2-Hexanone	3300	U *	3300	140	ug/L			11/06/13 13:22	333.33
<b>Methylene Chloride</b>	<b>120</b>	<b>J B</b>	330	110	ug/L			11/06/13 13:22	333.33
4-Methyl-2-pentanone (MIBK)	3300	U	3300	110	ug/L			11/06/13 13:22	333.33
Styrene	330	U	330	37	ug/L			11/06/13 13:22	333.33
1,1,2,2-Tetrachloroethane	330	U	330	60	ug/L			11/06/13 13:22	333.33
Tetrachloroethene	330	U	330	97	ug/L			11/06/13 13:22	333.33
Toluene	330	U	330	43	ug/L			11/06/13 13:22	333.33
<b>Trichloroethene</b>	<b>150</b>	<b>J</b>	330	57	ug/L			11/06/13 13:22	333.33
<b>Vinyl chloride</b>	<b>1200</b>		330	73	ug/L			11/06/13 13:22	333.33
Xylenes, Total	670	U	670	47	ug/L			11/06/13 13:22	333.33
1,1,1-Trichloroethane	330	U	330	73	ug/L			11/06/13 13:22	333.33
1,1,2-Trichloroethane	330	U	330	90	ug/L			11/06/13 13:22	333.33
Cyclohexane	330	U	330	40	ug/L			11/06/13 13:22	333.33
1,2-Dibromo-3-Chloropropane	670	U	670	220	ug/L			11/06/13 13:22	333.33
Ethylene Dibromide	330	U	330	80	ug/L			11/06/13 13:22	333.33
Dichlorodifluoromethane	330	U	330	100	ug/L			11/06/13 13:22	333.33
<b>cis-1,2-Dichloroethene</b>	<b>8100</b>		330	57	ug/L			11/06/13 13:22	333.33
<b>trans-1,2-Dichloroethene</b>	<b>150</b>	<b>J</b>	330	63	ug/L			11/06/13 13:22	333.33
Isopropylbenzene	330	U	330	43	ug/L			11/06/13 13:22	333.33
Methyl acetate	3300	U	3300	130	ug/L			11/06/13 13:22	333.33
Methyl tert-butyl ether	330	U	330	57	ug/L			11/06/13 13:22	333.33
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	330	93	ug/L			11/06/13 13:22	333.33
1,2,4-Trichlorobenzene	330	U	330	50	ug/L			11/06/13 13:22	333.33
1,2-Dichlorobenzene	330	U	330	43	ug/L			11/06/13 13:22	333.33
1,3-Dichlorobenzene	330	U	330	47	ug/L			11/06/13 13:22	333.33
1,4-Dichlorobenzene	330	U	330	43	ug/L			11/06/13 13:22	333.33
Trichlorofluoromethane	330	U	330	70	ug/L			11/06/13 13:22	333.33
Chlorodibromomethane	330	U	330	60	ug/L			11/06/13 13:22	333.33
Methylcyclohexane	330	U	330	43	ug/L			11/06/13 13:22	333.33

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		11/06/13 13:22	333.33
4-Bromofluorobenzene (Surr)	80		66 - 117		11/06/13 13:22	333.33
Toluene-d8 (Surr)	90		74 - 115		11/06/13 13:22	333.33
Dibromofluoromethane (Surr)	103		75 - 121		11/06/13 13:22	333.33

**Client Sample ID: GW-102413-SM-026**

**Lab Sample ID: 240-30622-8**

**Date Collected: 10/24/13 14:30**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/05/13 17:54	1
Benzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/05/13 17:54	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/05/13 17:54	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/05/13 17:54	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/05/13 17:54	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 17:54	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/05/13 17:54	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/05/13 17:54	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/05/13 17:54	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/05/13 17:54	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 17:54	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 17:54	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/05/13 17:54	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/05/13 17:54	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			11/05/13 17:54	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/05/13 17:54	1
2-Hexanone	10	U	10	0.41	ug/L			11/05/13 17:54	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/05/13 17:54	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/05/13 17:54	1
Styrene	1.0	U	1.0	0.11	ug/L			11/05/13 17:54	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/05/13 17:54	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/05/13 17:54	1
Toluene	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
<b>Trichloroethene</b>	<b>0.23</b>	<b>J</b>	1.0	0.17	ug/L			11/05/13 17:54	1
<b>Vinyl chloride</b>	<b>1.5</b>		1.0	0.22	ug/L			11/05/13 17:54	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/05/13 17:54	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 17:54	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/05/13 17:54	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/05/13 17:54	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/05/13 17:54	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/05/13 17:54	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/05/13 17:54	1
<b>cis-1,2-Dichloroethene</b>	<b>0.32</b>	<b>J</b>	1.0	0.17	ug/L			11/05/13 17:54	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 17:54	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
Methyl acetate	10	U	10	0.38	ug/L			11/05/13 17:54	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/05/13 17:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/05/13 17:54	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 17:54	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102413-SM-026**

**Date Collected: 10/24/13 14:30**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/05/13 17:54	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/05/13 17:54	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/05/13 17:54	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/05/13 17:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	114		63 - 129					11/05/13 17:54	1
4-Bromofluorobenzene (Surr)	80		66 - 117					11/05/13 17:54	1
Toluene-d8 (Surr)	87		74 - 115					11/05/13 17:54	1
Dibromofluoromethane (Surr)	112		75 - 121					11/05/13 17:54	1

**Client Sample ID: TB-102413-SM-027**

**Date Collected: 10/24/13 16:30**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.9	J	10	1.1	ug/L			11/05/13 18:17	1
Benzene	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/05/13 18:17	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/05/13 18:17	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/05/13 18:17	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/05/13 18:17	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 18:17	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/05/13 18:17	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/05/13 18:17	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/05/13 18:17	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/05/13 18:17	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 18:17	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 18:17	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/05/13 18:17	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/05/13 18:17	1
trans-1,3-Dichloropropene	1.0	U *	1.0	0.19	ug/L			11/05/13 18:17	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/05/13 18:17	1
2-Hexanone	10	U	10	0.41	ug/L			11/05/13 18:17	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/05/13 18:17	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/05/13 18:17	1
Styrene	1.0	U	1.0	0.11	ug/L			11/05/13 18:17	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/05/13 18:17	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/05/13 18:17	1
Toluene	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 18:17	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/05/13 18:17	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/05/13 18:17	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 18:17	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/05/13 18:17	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/05/13 18:17	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/05/13 18:17	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/05/13 18:17	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB-102413-SM-027**

**Date Collected: 10/24/13 16:30**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/05/13 18:17	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 18:17	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 18:17	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
Methyl acetate	10	U	10	0.38	ug/L			11/05/13 18:17	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/05/13 18:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/05/13 18:17	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 18:17	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/05/13 18:17	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/05/13 18:17	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/05/13 18:17	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/05/13 18:17	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	119		63 - 129					11/05/13 18:17	1
4-Bromofluorobenzene (Surr)	83		66 - 117					11/05/13 18:17	1
Toluene-d8 (Surr)	88		74 - 115					11/05/13 18:17	1
Dibromofluoromethane (Surr)	110		75 - 121					11/05/13 18:17	1

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: RSK-175 - Dissolved Gases (GC)

**Client Sample ID: GW-102413-SM-019**

**Lab Sample ID: 240-30622-1**

**Date Collected: 10/24/13 08:57**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	57	B	0.50	0.070	ug/L			10/28/13 10:33	1
Ethane	16		0.50	0.19	ug/L			10/28/13 10:33	1
Ethylene	49		0.50	0.18	ug/L			10/28/13 10:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	100		66 - 132					10/28/13 10:33	1

**Client Sample ID: GW-102413-SM-020**

**Lab Sample ID: 240-30622-2**

**Date Collected: 10/24/13 10:00**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	18	B	0.50	0.070	ug/L			10/28/13 10:46	1
Ethane	1.8		0.50	0.19	ug/L			10/28/13 10:46	1
Ethylene	4.1		0.50	0.18	ug/L			10/28/13 10:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	100		66 - 132					10/28/13 10:46	1

**Client Sample ID: GW-102413-SM-021**

**Lab Sample ID: 240-30622-3**

**Date Collected: 10/24/13 10:03**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	18	B	0.50	0.070	ug/L			10/28/13 10:58	1
Ethane	1.9		0.50	0.19	ug/L			10/28/13 10:58	1
Ethylene	4.3		0.50	0.18	ug/L			10/28/13 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	92		66 - 132					10/28/13 10:58	1

**Client Sample ID: GW-102413-SM-022**

**Lab Sample ID: 240-30622-4**

**Date Collected: 10/24/13 11:03**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	26	B	0.50	0.070	ug/L			10/28/13 11:10	1
Ethane	6.8		0.50	0.19	ug/L			10/28/13 11:10	1
Ethylene	13		0.50	0.18	ug/L			10/28/13 11:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	93		66 - 132					10/28/13 11:10	1

**Client Sample ID: GW-102413-SM-023**

**Lab Sample ID: 240-30622-5**

**Date Collected: 10/24/13 12:05**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	400	B	0.50	0.070	ug/L			10/28/13 11:47	1
Ethane	25		0.50	0.19	ug/L			10/28/13 11:47	1
Ethylene	610		0.50	0.18	ug/L			10/28/13 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	85		66 - 132					10/28/13 11:47	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: RSK-175 - Dissolved Gases (GC)

Client Sample ID: GW-102413-SM-025

Lab Sample ID: 240-30622-7

Date Collected: 10/24/13 13:20

Matrix: Water

Date Received: 10/25/13 09:25

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	29	B	0.50	0.070	ug/L			10/28/13 11:59	1
Ethane	0.86		0.50	0.19	ug/L			10/28/13 11:59	1
Ethylene	8.4		0.50	0.18	ug/L			10/28/13 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	86		66 - 132					10/28/13 11:59	1



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: GW-102413-SM-019

Date Collected: 10/24/13 08:57

Date Received: 10/25/13 09:25

Lab Sample ID: 240-30622-1

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	540	B	15	0.41	ug/L		10/29/13 09:18	10/31/13 20:03	1

Client Sample ID: GW-102413-SM-020

Date Collected: 10/24/13 10:00

Date Received: 10/25/13 09:25

Lab Sample ID: 240-30622-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	840	B	15	0.41	ug/L		10/29/13 09:18	10/31/13 20:07	1

Client Sample ID: GW-102413-SM-021

Date Collected: 10/24/13 10:03

Date Received: 10/25/13 09:25

Lab Sample ID: 240-30622-3

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	850	B	15	0.41	ug/L		10/29/13 09:18	10/31/13 20:11	1

Client Sample ID: GW-102413-SM-022

Date Collected: 10/24/13 11:03

Date Received: 10/25/13 09:25

Lab Sample ID: 240-30622-4

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	410	B	15	0.41	ug/L		10/29/13 09:18	10/31/13 19:31	1

Client Sample ID: GW-102413-SM-023

Date Collected: 10/24/13 12:05

Date Received: 10/25/13 09:25

Lab Sample ID: 240-30622-5

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	690	B	15	0.41	ug/L		10/29/13 09:18	10/31/13 20:16	1

Client Sample ID: GW-102413-SM-025

Date Collected: 10/24/13 13:20

Date Received: 10/25/13 09:25

Lab Sample ID: 240-30622-7

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	110	B	15	0.41	ug/L		10/29/13 09:18	10/31/13 20:20	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## General Chemistry

**Client Sample ID: GW-102413-SM-019**

**Lab Sample ID: 240-30622-1**

**Date Collected: 10/24/13 08:57**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bicarbonate Alkalinity as CaCO3</b>	<b>420</b>		5.0	1.9	mg/L			10/28/13 23:24	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/28/13 23:24	1
<b>Hardness as calcium carbonate</b>	<b>560</b>	<b>B</b>	25	16	mg/L			10/30/13 13:25	1
<b>Chloride</b>	<b>27</b>		1.0	0.10	mg/L			10/26/13 17:07	1
Nitrite as N	0.10	U ^	0.10	0.012	mg/L			10/25/13 17:21	1
Nitrate as N	0.10	U ^	0.10	0.023	mg/L			10/25/13 17:21	1
<b>Sulfate</b>	<b>120</b>		1.0	0.12	mg/L			10/26/13 17:07	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 16:53	1
<b>Total Organic Carbon</b>	<b>3.4</b>		1.0	0.24	mg/L			10/27/13 00:52	1

**Client Sample ID: GW-102413-SM-020**

**Lab Sample ID: 240-30622-2**

**Date Collected: 10/24/13 10:00**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bicarbonate Alkalinity as CaCO3</b>	<b>320</b>		5.0	1.9	mg/L			10/28/13 23:36	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/28/13 23:36	1
<b>Hardness as calcium carbonate</b>	<b>400</b>	<b>B</b>	25	16	mg/L			10/30/13 13:31	1
<b>Chloride</b>	<b>20</b>		1.0	0.10	mg/L			10/26/13 17:25	1
<b>Nitrite as N</b>	<b>0.28</b>	<b>^</b>	0.10	0.012	mg/L			10/25/13 17:38	1
<b>Nitrate as N</b>	<b>3.2</b>	<b>^</b>	0.10	0.023	mg/L			10/25/13 17:38	1
<b>Sulfate</b>	<b>100</b>		1.0	0.12	mg/L			10/26/13 17:25	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 16:56	1
<b>Total Organic Carbon</b>	<b>5.1</b>		1.0	0.24	mg/L			10/27/13 01:33	1

**Client Sample ID: GW-102413-SM-021**

**Lab Sample ID: 240-30622-3**

**Date Collected: 10/24/13 10:03**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bicarbonate Alkalinity as CaCO3</b>	<b>330</b>		5.0	1.9	mg/L			10/28/13 23:47	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/28/13 23:47	1
<b>Hardness as calcium carbonate</b>	<b>400</b>	<b>B</b>	25	16	mg/L			10/30/13 13:37	1
<b>Chloride</b>	<b>20</b>		1.0	0.10	mg/L			10/26/13 17:42	1
<b>Nitrite as N</b>	<b>0.26</b>	<b>^</b>	0.10	0.012	mg/L			10/25/13 18:30	1
<b>Nitrate as N</b>	<b>3.4</b>	<b>^</b>	0.10	0.023	mg/L			10/25/13 18:30	1
<b>Sulfate</b>	<b>100</b>		1.0	0.12	mg/L			10/26/13 17:42	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 16:59	1
<b>Total Organic Carbon</b>	<b>5.0</b>		1.0	0.24	mg/L			10/27/13 02:14	1

**Client Sample ID: GW-102413-SM-022**

**Lab Sample ID: 240-30622-4**

**Date Collected: 10/24/13 11:03**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bicarbonate Alkalinity as CaCO3</b>	<b>390</b>		5.0	1.9	mg/L			10/29/13 00:00	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/29/13 00:00	1
<b>Hardness as calcium carbonate</b>	<b>430</b>	<b>B</b>	25	16	mg/L			10/30/13 13:42	1
<b>Chloride</b>	<b>42</b>		1.0	0.10	mg/L			10/27/13 13:43	1
Nitrite as N	0.10	U ^	0.10	0.012	mg/L			10/25/13 18:48	1
Nitrate as N	0.10	U ^	0.10	0.023	mg/L			10/25/13 18:48	1
<b>Sulfate</b>	<b>100</b>		1.0	0.12	mg/L			10/27/13 13:43	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 17:01	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## General Chemistry (Continued)

**Client Sample ID: GW-102413-SM-022**

**Date Collected: 10/24/13 11:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	4.4		1.0	0.24	mg/L			10/26/13 23:49	1

**Client Sample ID: GW-102413-SM-023**

**Date Collected: 10/24/13 12:05**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	420		5.0	1.9	mg/L			10/29/13 00:58	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/29/13 00:58	1
Hardness as calcium carbonate	530	B	25	16	mg/L			10/30/13 14:06	1
Chloride	67		1.0	0.10	mg/L			10/26/13 17:59	1
Nitrite as N	0.10	U ^	0.10	0.012	mg/L			10/25/13 19:40	1
Nitrate as N	0.16	^	0.10	0.023	mg/L			10/25/13 19:40	1
Sulfate	140		1.0	0.12	mg/L			10/26/13 17:59	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 17:09	1
Total Organic Carbon	14		1.0	0.24	mg/L			10/27/13 02:56	1

**Client Sample ID: GW-102413-SM-025**

**Date Collected: 10/24/13 13:20**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	320		5.0	1.9	mg/L			11/04/13 20:15	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/04/13 20:15	1
Hardness as calcium carbonate	490	B	25	16	mg/L			10/30/13 14:11	1
Chloride	76		1.0	0.10	mg/L			10/27/13 12:51	1
Nitrite as N	0.10	U ^	0.10	0.012	mg/L			10/25/13 19:57	1
Nitrate as N	0.10	U ^	0.10	0.023	mg/L			10/25/13 19:57	1
Sulfate	100		1.0	0.12	mg/L			10/27/13 12:51	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 17:12	1
Total Organic Carbon	2.5		1.0	0.24	mg/L			10/27/13 03:37	1

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## General Chemistry - RA

**Client Sample ID: GW-102413-SM-019**

**Date Collected: 10/24/13 08:57**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-1**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U H	0.10	0.012	mg/L			10/26/13 17:07	1
Nitrate as N	0.10	U H	0.10	0.023	mg/L			10/26/13 17:07	1

**Client Sample ID: GW-102413-SM-020**

**Date Collected: 10/24/13 10:00**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.38	H	0.10	0.012	mg/L			10/26/13 17:25	1
Nitrate as N	3.6	H	0.10	0.023	mg/L			10/26/13 17:25	1

**Client Sample ID: GW-102413-SM-021**

**Date Collected: 10/24/13 10:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.38	H	0.10	0.012	mg/L			10/26/13 17:42	1
Nitrate as N	3.5	H	0.10	0.023	mg/L			10/26/13 17:42	1

**Client Sample ID: GW-102413-SM-022**

**Date Collected: 10/24/13 11:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U H	0.10	0.012	mg/L			10/27/13 13:43	1
Nitrate as N	0.10	U H ^	0.10	0.023	mg/L			10/27/13 13:43	1

**Client Sample ID: GW-102413-SM-023**

**Date Collected: 10/24/13 12:05**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U H	0.10	0.012	mg/L			10/26/13 17:59	1
Nitrate as N	0.20	H	0.10	0.023	mg/L			10/26/13 17:59	1

**Client Sample ID: GW-102413-SM-025**

**Date Collected: 10/24/13 13:20**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U H	0.10	0.012	mg/L			10/27/13 12:51	1
Nitrate as N	0.10	U H	0.10	0.023	mg/L			10/27/13 12:51	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## General Chemistry - Dissolved

**Client Sample ID: GW-102413-SM-019**

**Date Collected: 10/24/13 08:57**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-1**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	3.4		1.0	0.24	mg/L			10/28/13 14:59	1

**Client Sample ID: GW-102413-SM-020**

**Date Collected: 10/24/13 10:00**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	5.1		1.0	0.24	mg/L			10/28/13 15:41	1

**Client Sample ID: GW-102413-SM-021**

**Date Collected: 10/24/13 10:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	5.3		1.0	0.24	mg/L			10/28/13 16:22	1

**Client Sample ID: GW-102413-SM-022**

**Date Collected: 10/24/13 11:03**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	4.3		1.0	0.24	mg/L			10/28/13 13:56	1

**Client Sample ID: GW-102413-SM-023**

**Date Collected: 10/24/13 12:05**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	14		1.0	0.24	mg/L			10/28/13 17:03	1

**Client Sample ID: GW-102413-SM-025**

**Date Collected: 10/24/13 13:20**

**Date Received: 10/25/13 09:25**

**Lab Sample ID: 240-30622-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	2.4		1.0	0.24	mg/L			10/28/13 17:45	1

# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-30622-1	GW-102413-SM-019	96	75	84	98
240-30622-2	GW-102413-SM-020	98	71	83	98
240-30622-3	GW-102413-SM-021	106	78	91	104
240-30622-4	GW-102413-SM-022	116	84	95	109
240-30622-4 MS	GW-102413-SM-022	98	101	104	97
240-30622-4 MSD	GW-102413-SM-022	95	102	105	98
240-30622-5	GW-102413-SM-023	118	95	91	109
240-30622-6	RB-102413-SM-024	122	85	90	117
240-30622-7	GW-102413-SM-025	113	80	90	103
240-30622-8	GW-102413-SM-026	114	80	87	112
240-30622-9	TB-102413-SM-027	119	83	88	110
LCS 240-108448/4	Lab Control Sample	96	100	102	96
LCS 240-108494/5	Lab Control Sample	81	95	91	86
LCS 240-108604/4	Lab Control Sample	93	99	100	92
LCS 240-108654/4	Lab Control Sample	85	95	90	90
MB 240-108448/5	Method Blank	116	84	92	106
MB 240-108494/7	Method Blank	96	77	84	99
MB 240-108604/5	Method Blank	112	82	92	105
MB 240-108654/6	Method Blank	100	75	86	101

**Surrogate Legend**

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- TOL = Toluene-d8 (Surr)
- DBFM = Dibromofluoromethane (Surr)

## Method: RSK-175 - Dissolved Gases (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		Trifluoroeth (66-132)
240-30622-1	GW-102413-SM-019	100
240-30622-2	GW-102413-SM-020	100
240-30622-3	GW-102413-SM-021	92
240-30622-4	GW-102413-SM-022	93
240-30622-4 MS	GW-102413-SM-022	97
240-30622-4 MSD	GW-102413-SM-022	97
240-30622-5	GW-102413-SM-023	85
240-30622-7	GW-102413-SM-025	86
LCS 240-107300/4	Lab Control Sample	112
MB 240-107300/5	Method Blank	111

**Surrogate Legend**

- 1,1,1-Trifluoroethane = 1,1,1-Trifluoroethane

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-108448/5**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/05/13 12:19	1
Benzene	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/05/13 12:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/05/13 12:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/05/13 12:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/05/13 12:19	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 12:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/05/13 12:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/05/13 12:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/05/13 12:19	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/05/13 12:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 12:19	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 12:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/05/13 12:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/05/13 12:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/05/13 12:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/05/13 12:19	1
2-Hexanone	10	U	10	0.41	ug/L			11/05/13 12:19	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/05/13 12:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/05/13 12:19	1
Styrene	1.0	U	1.0	0.11	ug/L			11/05/13 12:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/05/13 12:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/05/13 12:19	1
Toluene	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 12:19	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/05/13 12:19	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/05/13 12:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 12:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/05/13 12:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/05/13 12:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/05/13 12:19	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/05/13 12:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/05/13 12:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 12:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 12:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
Methyl acetate	10	U	10	0.38	ug/L			11/05/13 12:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/05/13 12:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/05/13 12:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 12:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/05/13 12:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/05/13 12:19	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/05/13 12:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/05/13 12:19	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108448/5**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	116		63 - 129		11/05/13 12:19	1
4-Bromofluorobenzene (Surr)	84		66 - 117		11/05/13 12:19	1
Toluene-d8 (Surr)	92		74 - 115		11/05/13 12:19	1
Dibromofluoromethane (Surr)	106		75 - 121		11/05/13 12:19	1

**Lab Sample ID: LCS 240-108448/4**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	16.2		ug/L		81	43 - 136
Benzene	10.0	10.4		ug/L		104	83 - 112
Dichlorobromomethane	10.0	10.5		ug/L		105	72 - 121
Bromoform	10.0	9.07		ug/L		91	40 - 131
Bromomethane	10.0	11.0		ug/L		110	11 - 185
2-Butanone (MEK)	20.0	17.3		ug/L		87	60 - 126
Carbon disulfide	10.0	9.20		ug/L		92	62 - 142
Carbon tetrachloride	10.0	9.90		ug/L		99	66 - 128
Chlorobenzene	10.0	10.3		ug/L		103	85 - 110
Chloroethane	10.0	9.88		ug/L		99	25 - 153
Chloroform	10.0	9.57		ug/L		96	79 - 117
Chloromethane	10.0	9.09		ug/L		91	44 - 126
1,1-Dichloroethane	10.0	10.3		ug/L		103	82 - 115
1,2-Dichloroethane	10.0	9.53		ug/L		95	71 - 127
1,1-Dichloroethene	10.0	8.92		ug/L		89	78 - 131
1,2-Dichloropropane	10.0	11.3		ug/L		113	81 - 115
cis-1,3-Dichloropropene	10.0	9.93		ug/L		99	61 - 115
trans-1,3-Dichloropropene	10.0	12.1 *		ug/L		121	58 - 117
Ethylbenzene	10.0	10.1		ug/L		101	83 - 112
2-Hexanone	20.0	22.3		ug/L		111	55 - 133
Methylene Chloride	10.0	10.5		ug/L		105	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.8		ug/L		104	63 - 128
Styrene	10.0	10.6		ug/L		106	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.1		ug/L		101	68 - 118
Tetrachloroethene	10.0	9.56		ug/L		96	79 - 114
Toluene	10.0	9.48		ug/L		95	84 - 111
Trichloroethene	10.0	8.91		ug/L		89	76 - 117
Vinyl chloride	10.0	9.72		ug/L		97	53 - 127
Xylenes, Total	20.0	20.4		ug/L		102	83 - 112
1,1,1-Trichloroethane	10.0	9.77		ug/L		98	74 - 118
1,1,2-Trichloroethane	10.0	10.7		ug/L		107	80 - 112
Cyclohexane	10.0	10.1		ug/L		101	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.81		ug/L		78	42 - 136
Ethylene Dibromide	10.0	10.2		ug/L		102	79 - 113
Dichlorodifluoromethane	10.0	5.32		ug/L		53	19 - 129
cis-1,2-Dichloroethene	10.0	9.17		ug/L		92	80 - 113
trans-1,2-Dichloroethene	10.0	9.59		ug/L		96	83 - 117
Isopropylbenzene	10.0	10.2		ug/L		102	75 - 114

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108448/4**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	47.6		ug/L		95	58 - 131
Methyl tert-butyl ether	10.0	8.48		ug/L		85	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.40		ug/L		94	74 - 151
1,2,4-Trichlorobenzene	10.0	7.45		ug/L		74	48 - 135
1,2-Dichlorobenzene	10.0	9.90		ug/L		99	81 - 110
1,3-Dichlorobenzene	10.0	9.83		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	9.91		ug/L		99	82 - 110
Trichlorofluoromethane	10.0	11.1		ug/L		111	49 - 157
Chlorodibromomethane	10.0	10.1		ug/L		101	64 - 119
Methylcyclohexane	10.0	9.53		ug/L		95	56 - 127
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	83 - 113
o-Xylene	10.0	9.95		ug/L		99	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		63 - 129
4-Bromofluorobenzene (Surr)	100		66 - 117
Toluene-d8 (Surr)	102		74 - 115
Dibromofluoromethane (Surr)	96		75 - 121

**Lab Sample ID: 240-30622-4 MS**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	5000	U	10000	8800		ug/L		88	33 - 145
Benzene	500	U	5000	5370		ug/L		107	72 - 121
Dichlorobromomethane	500	U	5000	5470		ug/L		109	67 - 120
Bromoform	500	U	5000	4600		ug/L		92	32 - 128
Bromomethane	500	U	5000	4170		ug/L		83	10 - 186
2-Butanone (MEK)	5000	U	10000	10200		ug/L		102	54 - 129
Carbon disulfide	500	U	5000	4470		ug/L		89	57 - 147
Carbon tetrachloride	500	U	5000	4750		ug/L		95	59 - 129
Chlorobenzene	500	U	5000	5090		ug/L		102	80 - 110
Chloroethane	500	U	5000	3790		ug/L		76	21 - 165
Chloroform	500	U	5000	4990		ug/L		100	76 - 118
Chloromethane	500	U	5000	4250		ug/L		85	33 - 132
1,1-Dichloroethane	400	J	5000	5630		ug/L		105	79 - 116
1,2-Dichloroethane	500	U	5000	5070		ug/L		101	68 - 129
1,1-Dichloroethene	500	U	5000	4460		ug/L		89	74 - 135
1,2-Dichloropropane	500	U	5000	5870	F	ug/L		117	78 - 115
cis-1,3-Dichloropropene	500	U	5000	5040		ug/L		101	51 - 110
trans-1,3-Dichloropropene	500	U *	5000	5960	F	ug/L		119	46 - 116
Ethylbenzene	500	U	5000	4930		ug/L		99	75 - 116
2-Hexanone	5000	U	10000	13700		ug/L		137	47 - 139
Methylene Chloride	500	U	5000	5050		ug/L		101	63 - 128
4-Methyl-2-pentanone (MIBK)	5000	U	10000	12000		ug/L		120	56 - 131
Styrene	500	U	5000	5430		ug/L		109	71 - 117

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-30622-4 MS**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	500	U	5000	5280		ug/L		106	63 - 122
Tetrachloroethene	500	U	5000	4660		ug/L		93	70 - 117
Toluene	500	U	5000	4840		ug/L		97	78 - 114
Trichloroethene	8300		5000	12300		ug/L		79	66 - 120
Vinyl chloride	560		5000	5250		ug/L		94	49 - 130
Xylenes, Total	1000	U	10000	9850		ug/L		99	76 - 116
1,1,1-Trichloroethane	960		5000	5530		ug/L		91	68 - 121
1,1,2-Trichloroethane	500	U	5000	5660		ug/L		113	75 - 115
Cyclohexane	500	U	5000	4300		ug/L		86	49 - 123
1,2-Dibromo-3-Chloropropane	1000	U	5000	3820		ug/L		76	32 - 139
Ethylene Dibromide	500	U	5000	5410		ug/L		108	74 - 113
Dichlorodifluoromethane	500	U	5000	1980		ug/L		40	17 - 128
cis-1,2-Dichloroethene	12000		5000	15900		ug/L		70	70 - 120
trans-1,2-Dichloroethene	110	J	5000	4820		ug/L		94	80 - 119
Isopropylbenzene	500	U	5000	4730		ug/L		95	68 - 116
Methyl acetate	5000	U	25000	25400		ug/L		102	47 - 130
Methyl tert-butyl ether	500	U	5000	4240		ug/L		85	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	500	U	5000	3940		ug/L		79	70 - 152
1,2,4-Trichlorobenzene	500	U	5000	3190		ug/L		64	38 - 138
1,2-Dichlorobenzene	500	U	5000	4740		ug/L		95	75 - 111
1,3-Dichlorobenzene	500	U	5000	4820		ug/L		96	73 - 110
1,4-Dichlorobenzene	500	U	5000	4730		ug/L		95	75 - 110
Trichlorofluoromethane	500	U	5000	4700		ug/L		94	46 - 157
Chlorodibromomethane	500	U	5000	5170		ug/L		103	56 - 118
Methylcyclohexane	500	U	5000	3940		ug/L		79	49 - 127
m-Xylene & p-Xylene	1000		5000	5040		ug/L		101	75 - 117
o-Xylene	500		5000	4810		ug/L		96	76 - 116

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		63 - 129
4-Bromofluorobenzene (Surr)	101		66 - 117
Toluene-d8 (Surr)	104		74 - 115
Dibromofluoromethane (Surr)	97		75 - 121

**Lab Sample ID: 240-30622-4 MSD**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	5000	U	10000	8890		ug/L		89	33 - 145	1	30
Benzene	500	U	5000	5320		ug/L		106	72 - 121	1	30
Dichlorobromomethane	500	U	5000	5410		ug/L		108	67 - 120	1	30
Bromoform	500	U	5000	4710		ug/L		94	32 - 128	2	30
Bromomethane	500	U	5000	5470		ug/L		109	10 - 186	27	30
2-Butanone (MEK)	5000	U	10000	9390		ug/L		94	54 - 129	8	30
Carbon disulfide	500	U	5000	4760		ug/L		95	57 - 147	6	30
Carbon tetrachloride	500	U	5000	4940		ug/L		99	59 - 129	4	30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-30622-4 MSD

Client Sample ID: GW-102413-SM-022

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 108448

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chlorobenzene	500	U	5000	5150		ug/L		103	80 - 110	1	30
Chloroethane	500	U	5000	5050		ug/L		101	21 - 165	29	30
Chloroform	500	U	5000	5000		ug/L		100	76 - 118	0	30
Chloromethane	500	U	5000	4790		ug/L		96	33 - 132	12	30
1,1-Dichloroethane	400	J	5000	5800		ug/L		108	79 - 116	3	30
1,2-Dichloroethane	500	U	5000	4930		ug/L		99	68 - 129	3	30
1,1-Dichloroethene	500	U	5000	4720		ug/L		94	74 - 135	6	30
1,2-Dichloropropane	500	U	5000	5830	F	ug/L		117	78 - 115	1	30
cis-1,3-Dichloropropene	500	U	5000	4830		ug/L		97	51 - 110	4	30
trans-1,3-Dichloropropene	500	U *	5000	5950	F	ug/L		119	46 - 116	0	30
Ethylbenzene	500	U	5000	5150		ug/L		103	75 - 116	5	30
2-Hexanone	5000	U	10000	12000		ug/L		120	47 - 139	14	30
Methylene Chloride	500	U	5000	5640		ug/L		113	63 - 128	11	30
4-Methyl-2-pentanone (MIBK)	5000	U	10000	10700		ug/L		107	56 - 131	11	30
Styrene	500	U	5000	5430		ug/L		109	71 - 117	0	30
1,1,2,2-Tetrachloroethane	500	U	5000	5140		ug/L		103	63 - 122	3	30
Tetrachloroethene	500	U	5000	4690		ug/L		94	70 - 117	1	30
Toluene	500	U	5000	4800		ug/L		96	78 - 114	1	30
Trichloroethene	8300		5000	12000		ug/L		74	66 - 120	2	30
Vinyl chloride	560		5000	5930		ug/L		107	49 - 130	12	30
Xylenes, Total	1000	U	10000	10300		ug/L		103	76 - 116	4	30
1,1,1-Trichloroethane	960		5000	5910		ug/L		99	68 - 121	7	30
1,1,2-Trichloroethane	500	U	5000	5600		ug/L		112	75 - 115	1	30
Cyclohexane	500	U	5000	4560		ug/L		91	49 - 123	6	30
1,2-Dibromo-3-Chloropropane	1000	U	5000	4310		ug/L		86	32 - 139	12	30
Ethylene Dibromide	500	U	5000	5610		ug/L		112	74 - 113	4	30
Dichlorodifluoromethane	500	U	5000	2110		ug/L		42	17 - 128	7	30
cis-1,2-Dichloroethene	12000		5000	16300		ug/L		79	70 - 120	3	30
trans-1,2-Dichloroethene	110	J	5000	5020		ug/L		98	80 - 119	4	30
Isopropylbenzene	500	U	5000	4880		ug/L		98	68 - 116	3	30
Methyl acetate	5000	U	25000	25300		ug/L		101	47 - 130	1	30
Methyl tert-butyl ether	500	U	5000	4490		ug/L		90	46 - 144	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	500	U	5000	4410		ug/L		88	70 - 152	11	30
1,2,4-Trichlorobenzene	500	U	5000	3430		ug/L		69	38 - 138	7	30
1,2-Dichlorobenzene	500	U	5000	4940		ug/L		99	75 - 111	4	30
1,3-Dichlorobenzene	500	U	5000	4790		ug/L		96	73 - 110	1	30
1,4-Dichlorobenzene	500	U	5000	4860		ug/L		97	75 - 110	3	30
Trichlorofluoromethane	500	U	5000	5590		ug/L		112	46 - 157	17	30
Chlorodibromomethane	500	U	5000	5190		ug/L		104	56 - 118	0	30
Methylcyclohexane	500	U	5000	4170		ug/L		83	49 - 127	5	30
m-Xylene & p-Xylene	1000		5000	5150		ug/L		103	75 - 117	2	30
o-Xylene	500		5000	5130		ug/L		103	76 - 116	6	30

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	95		63 - 129
4-Bromofluorobenzene (Surr)	102		66 - 117
Toluene-d8 (Surr)	105		74 - 115

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-30622-4 MSD**

**Matrix: Water**

**Analysis Batch: 108448**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
<i>Dibromofluoromethane (Surr)</i>	98		75 - 121

**Lab Sample ID: MB 240-108494/7**

**Matrix: Water**

**Analysis Batch: 108494**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	10	U	10	1.1	ug/L			11/05/13 16:39	1
Benzene	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/05/13 16:39	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/05/13 16:39	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/05/13 16:39	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/05/13 16:39	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 16:39	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/05/13 16:39	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/05/13 16:39	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/05/13 16:39	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/05/13 16:39	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 16:39	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 16:39	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/05/13 16:39	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/05/13 16:39	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/05/13 16:39	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/05/13 16:39	1
2-Hexanone	10	U	10	0.41	ug/L			11/05/13 16:39	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/05/13 16:39	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/05/13 16:39	1
Styrene	1.0	U	1.0	0.11	ug/L			11/05/13 16:39	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/05/13 16:39	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/05/13 16:39	1
Toluene	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 16:39	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/05/13 16:39	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/05/13 16:39	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/05/13 16:39	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/05/13 16:39	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/05/13 16:39	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/05/13 16:39	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/05/13 16:39	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/05/13 16:39	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/05/13 16:39	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/05/13 16:39	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
Methyl acetate	10	U	10	0.38	ug/L			11/05/13 16:39	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/05/13 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/05/13 16:39	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108494/7**

**Matrix: Water**

**Analysis Batch: 108494**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/05/13 16:39	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/05/13 16:39	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/05/13 16:39	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/05/13 16:39	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/05/13 16:39	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		11/05/13 16:39	1
4-Bromofluorobenzene (Surr)	77		66 - 117		11/05/13 16:39	1
Toluene-d8 (Surr)	84		74 - 115		11/05/13 16:39	1
Dibromofluoromethane (Surr)	99		75 - 121		11/05/13 16:39	1

**Lab Sample ID: LCS 240-108494/5**

**Matrix: Water**

**Analysis Batch: 108494**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	20.9		ug/L		105	43 - 136
Benzene	10.0	10.4		ug/L		104	83 - 112
Dichlorobromomethane	10.0	9.90		ug/L		99	72 - 121
Bromoform	10.0	9.84		ug/L		98	40 - 131
Bromomethane	10.0	6.83		ug/L		68	11 - 185
2-Butanone (MEK)	20.0	21.2		ug/L		106	60 - 126
Carbon disulfide	10.0	12.6		ug/L		126	62 - 142
Carbon tetrachloride	10.0	11.3		ug/L		113	66 - 128
Chlorobenzene	10.0	9.89		ug/L		99	85 - 110
Chloroethane	10.0	5.85		ug/L		59	25 - 153
Chloroform	10.0	10.4		ug/L		104	79 - 117
Chloromethane	10.0	6.35		ug/L		63	44 - 126
1,1-Dichloroethane	10.0	10.8		ug/L		108	82 - 115
1,2-Dichloroethane	10.0	10.0		ug/L		100	71 - 127
1,1-Dichloroethene	10.0	11.2		ug/L		112	78 - 131
1,2-Dichloropropane	10.0	10.4		ug/L		104	81 - 115
cis-1,3-Dichloropropene	10.0	11.0		ug/L		110	61 - 115
trans-1,3-Dichloropropene	10.0	10.3		ug/L		103	58 - 117
Ethylbenzene	10.0	9.80		ug/L		98	83 - 112
2-Hexanone	20.0	17.8		ug/L		89	55 - 133
Methylene Chloride	10.0	11.1		ug/L		111	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.4		ug/L		92	63 - 128
Styrene	10.0	9.11		ug/L		91	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.22		ug/L		92	68 - 118
Tetrachloroethene	10.0	9.98		ug/L		100	79 - 114
Toluene	10.0	10.4		ug/L		104	84 - 111
Trichloroethene	10.0	10.6		ug/L		106	76 - 117
Vinyl chloride	10.0	7.00		ug/L		70	53 - 127
Xylenes, Total	20.0	20.5		ug/L		103	83 - 112

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108494/5**

**Matrix: Water**

**Analysis Batch: 108494**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	74 - 118
1,1,2-Trichloroethane	10.0	9.77		ug/L		98	80 - 112
Cyclohexane	10.0	11.7		ug/L		117	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.61		ug/L		96	42 - 136
Ethylene Dibromide	10.0	10.2		ug/L		102	79 - 113
Dichlorodifluoromethane	10.0	4.22		ug/L		42	19 - 129
cis-1,2-Dichloroethene	10.0	10.5		ug/L		105	80 - 113
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	83 - 117
Isopropylbenzene	10.0	9.45		ug/L		94	75 - 114
Methyl acetate	50.0	51.2		ug/L		102	58 - 131
Methyl tert-butyl ether	10.0	10.4		ug/L		104	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.2		ug/L		112	74 - 151
1,2,4-Trichlorobenzene	10.0	9.14		ug/L		91	48 - 135
1,2-Dichlorobenzene	10.0	9.51		ug/L		95	81 - 110
1,3-Dichlorobenzene	10.0	9.76		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	9.80		ug/L		98	82 - 110
Trichlorofluoromethane	10.0	9.76		ug/L		98	49 - 157
Chlorodibromomethane	10.0	10.1		ug/L		101	64 - 119
Methylcyclohexane	10.0	11.3		ug/L		113	56 - 127
m-Xylene & p-Xylene	10.0	10.9		ug/L		109	83 - 113
o-Xylene	10.0	9.61		ug/L		96	83 - 113

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	81		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 117
Toluene-d8 (Surr)	91		74 - 115
Dibromofluoromethane (Surr)	86		75 - 121

**Lab Sample ID: MB 240-108604/5**

**Matrix: Water**

**Analysis Batch: 108604**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	10	U	10	1.1	ug/L			11/06/13 11:07	1
Benzene	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/06/13 11:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/06/13 11:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/06/13 11:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/06/13 11:07	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/06/13 11:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/06/13 11:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/06/13 11:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/06/13 11:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/06/13 11:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/06/13 11:07	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108604/5**

**Matrix: Water**

**Analysis Batch: 108604**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/06/13 11:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/06/13 11:07	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/06/13 11:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/06/13 11:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/06/13 11:07	1
2-Hexanone	10	U	10	0.41	ug/L			11/06/13 11:07	1
Methylene Chloride	0.570	J	1.0	0.33	ug/L			11/06/13 11:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/06/13 11:07	1
Styrene	1.0	U	1.0	0.11	ug/L			11/06/13 11:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/06/13 11:07	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/06/13 11:07	1
Toluene	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/06/13 11:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/06/13 11:07	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/06/13 11:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/06/13 11:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/06/13 11:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/06/13 11:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/06/13 11:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/06/13 11:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/06/13 11:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/06/13 11:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/06/13 11:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
Methyl acetate	10	U	10	0.38	ug/L			11/06/13 11:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/06/13 11:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/06/13 11:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/06/13 11:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/06/13 11:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/06/13 11:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/06/13 11:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/06/13 11:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		63 - 129		11/06/13 11:07	1
4-Bromofluorobenzene (Surr)	82		66 - 117		11/06/13 11:07	1
Toluene-d8 (Surr)	92		74 - 115		11/06/13 11:07	1
Dibromofluoromethane (Surr)	105		75 - 121		11/06/13 11:07	1

**Lab Sample ID: LCS 240-108604/4**

**Matrix: Water**

**Analysis Batch: 108604**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	20.6		ug/L		103	43 - 136
Benzene	10.0	10.5		ug/L		105	83 - 112

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108604/4**

**Matrix: Water**

**Analysis Batch: 108604**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dichlorobromomethane	10.0	10.9		ug/L		109	72 - 121
Bromoform	10.0	9.01		ug/L		90	40 - 131
Bromomethane	10.0	10.2		ug/L		102	11 - 185
2-Butanone (MEK)	20.0	19.2		ug/L		96	60 - 126
Carbon disulfide	10.0	10.2		ug/L		102	62 - 142
Carbon tetrachloride	10.0	10.1		ug/L		101	66 - 128
Chlorobenzene	10.0	10.1		ug/L		101	85 - 110
Chloroethane	10.0	8.26		ug/L		83	25 - 153
Chloroform	10.0	9.48		ug/L		95	79 - 117
Chloromethane	10.0	10.4		ug/L		104	44 - 126
1,1-Dichloroethane	10.0	10.4		ug/L		104	82 - 115
1,2-Dichloroethane	10.0	9.65		ug/L		96	71 - 127
1,1-Dichloroethene	10.0	9.19		ug/L		92	78 - 131
1,2-Dichloropropane	10.0	11.6	*	ug/L		116	81 - 115
cis-1,3-Dichloropropene	10.0	10.1		ug/L		101	61 - 115
trans-1,3-Dichloropropene	10.0	12.2	*	ug/L		122	58 - 117
Ethylbenzene	10.0	10.2		ug/L		102	83 - 112
2-Hexanone	20.0	28.0	*	ug/L		140	55 - 133
Methylene Chloride	10.0	10.9		ug/L		109	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	23.4		ug/L		117	63 - 128
Styrene	10.0	10.7		ug/L		107	79 - 114
1,1,2,2-Tetrachloroethane	10.0	10.2		ug/L		102	68 - 118
Tetrachloroethene	10.0	9.96		ug/L		100	79 - 114
Toluene	10.0	9.66		ug/L		97	84 - 111
Trichloroethene	10.0	9.38		ug/L		94	76 - 117
Vinyl chloride	10.0	11.1		ug/L		111	53 - 127
Xylenes, Total	20.0	20.1		ug/L		100	83 - 112
1,1,1-Trichloroethane	10.0	9.72		ug/L		97	74 - 118
1,1,2-Trichloroethane	10.0	10.6		ug/L		106	80 - 112
Cyclohexane	10.0	10.5		ug/L		105	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.94		ug/L		79	42 - 136
Ethylene Dibromide	10.0	10.7		ug/L		107	79 - 113
Dichlorodifluoromethane	10.0	9.10		ug/L		91	19 - 129
cis-1,2-Dichloroethene	10.0	9.31		ug/L		93	80 - 113
trans-1,2-Dichloroethene	10.0	9.60		ug/L		96	83 - 117
Isopropylbenzene	10.0	9.99		ug/L		100	75 - 114
Methyl acetate	50.0	47.7		ug/L		95	58 - 131
Methyl tert-butyl ether	10.0	8.54		ug/L		85	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.1		ug/L		101	74 - 151
1,2,4-Trichlorobenzene	10.0	7.11		ug/L		71	48 - 135
1,2-Dichlorobenzene	10.0	9.89		ug/L		99	81 - 110
1,3-Dichlorobenzene	10.0	9.82		ug/L		98	80 - 110
1,4-Dichlorobenzene	10.0	9.75		ug/L		97	82 - 110
Trichlorofluoromethane	10.0	10.9		ug/L		109	49 - 157
Chlorodibromomethane	10.0	10.1		ug/L		101	64 - 119
Methylcyclohexane	10.0	9.65		ug/L		96	56 - 127
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	83 - 113

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108604/4**

**Matrix: Water**

**Analysis Batch: 108604**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	10.0	9.59		ug/L		96	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 117
Toluene-d8 (Surr)	100		74 - 115
Dibromofluoromethane (Surr)	92		75 - 121

**Lab Sample ID: MB 240-108654/6**

**Matrix: Water**

**Analysis Batch: 108654**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/06/13 13:42	1
Benzene	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/06/13 13:42	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/06/13 13:42	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/06/13 13:42	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/06/13 13:42	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/06/13 13:42	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/06/13 13:42	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/06/13 13:42	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/06/13 13:42	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/06/13 13:42	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/06/13 13:42	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/06/13 13:42	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/06/13 13:42	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/06/13 13:42	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/06/13 13:42	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/06/13 13:42	1
2-Hexanone	10	U	10	0.41	ug/L			11/06/13 13:42	1
Methylene Chloride	0.534	J	1.0	0.33	ug/L			11/06/13 13:42	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/06/13 13:42	1
Styrene	1.0	U	1.0	0.11	ug/L			11/06/13 13:42	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/06/13 13:42	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/06/13 13:42	1
Toluene	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/06/13 13:42	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/06/13 13:42	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/06/13 13:42	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/06/13 13:42	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/06/13 13:42	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/06/13 13:42	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/06/13 13:42	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/06/13 13:42	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/06/13 13:42	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108654/6**

**Matrix: Water**

**Analysis Batch: 108654**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/06/13 13:42	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/06/13 13:42	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
Methyl acetate	10	U	10	0.38	ug/L			11/06/13 13:42	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/06/13 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/06/13 13:42	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/06/13 13:42	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/06/13 13:42	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/06/13 13:42	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/06/13 13:42	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/06/13 13:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		63 - 129		11/06/13 13:42	1
4-Bromofluorobenzene (Surr)	75		66 - 117		11/06/13 13:42	1
Toluene-d8 (Surr)	86		74 - 115		11/06/13 13:42	1
Dibromofluoromethane (Surr)	101		75 - 121		11/06/13 13:42	1

**Lab Sample ID: LCS 240-108654/4**

**Matrix: Water**

**Analysis Batch: 108654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	23.0		ug/L		115	43 - 136
Benzene	10.0	10.6		ug/L		106	83 - 112
Dichlorobromomethane	10.0	9.94		ug/L		99	72 - 121
Bromoform	10.0	9.73		ug/L		97	40 - 131
Bromomethane	10.0	7.94		ug/L		79	11 - 185
2-Butanone (MEK)	20.0	21.7		ug/L		109	60 - 126
Carbon disulfide	10.0	13.6		ug/L		136	62 - 142
Carbon tetrachloride	10.0	11.1		ug/L		111	66 - 128
Chlorobenzene	10.0	9.98		ug/L		100	85 - 110
Chloroethane	10.0	6.02		ug/L		60	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 117
Chloromethane	10.0	8.60		ug/L		86	44 - 126
1,1-Dichloroethane	10.0	10.8		ug/L		108	82 - 115
1,2-Dichloroethane	10.0	10.2		ug/L		102	71 - 127
1,1-Dichloroethene	10.0	11.4		ug/L		114	78 - 131
1,2-Dichloropropane	10.0	10.5		ug/L		105	81 - 115
cis-1,3-Dichloropropene	10.0	10.8		ug/L		108	61 - 115
trans-1,3-Dichloropropene	10.0	10.2		ug/L		102	58 - 117
Ethylbenzene	10.0	9.56		ug/L		96	83 - 112
2-Hexanone	20.0	18.4		ug/L		92	55 - 133
Methylene Chloride	10.0	12.1		ug/L		121	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	18.9		ug/L		94	63 - 128
Styrene	10.0	9.13		ug/L		91	79 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108654/4**

**Matrix: Water**

**Analysis Batch: 108654**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	10.0	9.91		ug/L		99	68 - 118
Tetrachloroethene	10.0	10.1		ug/L		101	79 - 114
Toluene	10.0	10.4		ug/L		104	84 - 111
Trichloroethene	10.0	10.7		ug/L		107	76 - 117
Vinyl chloride	10.0	8.60		ug/L		86	53 - 127
Xylenes, Total	20.0	20.2		ug/L		101	83 - 112
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	74 - 118
1,1,2-Trichloroethane	10.0	9.88		ug/L		99	80 - 112
Cyclohexane	10.0	12.0		ug/L		120	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	9.72		ug/L		97	42 - 136
Ethylene Dibromide	10.0	10.2		ug/L		102	79 - 113
Dichlorodifluoromethane	10.0	8.20		ug/L		82	19 - 129
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 113
trans-1,2-Dichloroethene	10.0	11.3		ug/L		113	83 - 117
Isopropylbenzene	10.0	9.10		ug/L		91	75 - 114
Methyl acetate	50.0	52.8		ug/L		106	58 - 131
Methyl tert-butyl ether	10.0	10.3		ug/L		103	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.6		ug/L		116	74 - 151
1,2,4-Trichlorobenzene	10.0	8.69		ug/L		87	48 - 135
1,2-Dichlorobenzene	10.0	9.74		ug/L		97	81 - 110
1,3-Dichlorobenzene	10.0	9.85		ug/L		99	80 - 110
1,4-Dichlorobenzene	10.0	9.94		ug/L		99	82 - 110
Trichlorofluoromethane	10.0	10.1		ug/L		101	49 - 157
Chlorodibromomethane	10.0	10.2		ug/L		102	64 - 119
Methylcyclohexane	10.0	11.0		ug/L		110	56 - 127
m-Xylene & p-Xylene	10.0	10.7		ug/L		107	83 - 113
o-Xylene	10.0	9.52		ug/L		95	83 - 113

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	85		63 - 129
4-Bromofluorobenzene (Surr)	95		66 - 117
Toluene-d8 (Surr)	90		74 - 115
Dibromofluoromethane (Surr)	90		75 - 121

## Method: RSK-175 - Dissolved Gases (GC)

**Lab Sample ID: MB 240-107300/5**

**Matrix: Water**

**Analysis Batch: 107300**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methane	0.0965	J	0.50	0.070	ug/L			10/28/13 09:32	1
Ethane	0.50	U	0.50	0.19	ug/L			10/28/13 09:32	1
Ethylene	0.50	U	0.50	0.18	ug/L			10/28/13 09:32	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: RSK-175 - Dissolved Gases (GC) (Continued)

**Lab Sample ID: MB 240-107300/5**  
**Matrix: Water**  
**Analysis Batch: 107300**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,1,1-Trifluoroethane	111		66 - 132		10/28/13 09:32	1

**Lab Sample ID: LCS 240-107300/4**  
**Matrix: Water**  
**Analysis Batch: 107300**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Methane	116	107		ug/L		93	76 - 120
Ethane	218	205		ug/L		94	80 - 120
Ethylene	203	201		ug/L		99	81 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,1,1-Trifluoroethane	112		66 - 132

**Lab Sample ID: 240-30622-4 MS**  
**Matrix: Water**  
**Analysis Batch: 107300**

**Client Sample ID: GW-102413-SM-022**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec.
									Limits
Methane	26	B	116	117		ug/L		78	34 - 153
Ethane	6.8		218	178		ug/L		79	61 - 120
Ethylene	13		203	177		ug/L		81	60 - 120

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1,1,1-Trifluoroethane	97		66 - 132

**Lab Sample ID: 240-30622-4 MSD**  
**Matrix: Water**  
**Analysis Batch: 107300**

**Client Sample ID: GW-102413-SM-022**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec.	RPD	Limit
									Limits		
Methane	26	B	116	119		ug/L		80	34 - 153	2	22
Ethane	6.8		218	180		ug/L		80	61 - 120	1	21
Ethylene	13		203	179		ug/L		82	60 - 120	1	17

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1,1,1-Trifluoroethane	97		66 - 132

## Method: 6010B - Metals (ICP)

**Lab Sample ID: MB 240-107527/1-A**  
**Matrix: Water**  
**Analysis Batch: 108002**

**Client Sample ID: Method Blank**  
**Prep Type: Total Recoverable**  
**Prep Batch: 107527**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Manganese	0.903	J	15	0.41	ug/L		10/29/13 09:18	10/31/13 19:23	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 240-107527/2-A

Matrix: Water

Analysis Batch: 108002

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 107527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	500	499		ug/L		100	80 - 120

Lab Sample ID: 240-30622-4 MS

Matrix: Water

Analysis Batch: 108002

Client Sample ID: GW-102413-SM-022

Prep Type: Dissolved

Prep Batch: 107527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	410	B	500	909		ug/L		100	75 - 125

Lab Sample ID: 240-30622-4 MSD

Matrix: Water

Analysis Batch: 108002

Client Sample ID: GW-102413-SM-022

Prep Type: Dissolved

Prep Batch: 107527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Manganese	410	B	500	856		ug/L		90	75 - 125	6	20

## Method: 2320B-1997 - Alkalinity, Total

Lab Sample ID: MB 240-107621/33

Matrix: Water

Analysis Batch: 107621

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/28/13 19:54	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			10/28/13 19:54	1

Lab Sample ID: 240-30622-4 DU

Matrix: Water

Analysis Batch: 107621

Client Sample ID: GW-102413-SM-022

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	Prepared	RPD	RPD Limit
Bicarbonate Alkalinity as CaCO3	390		378		mg/L			2	20
Carbonate Alkalinity as CaCO3	5.0	U	5.0	U	mg/L			NC	20

Lab Sample ID: MB 240-108457/3

Matrix: Water

Analysis Batch: 108457

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/04/13 16:52	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/04/13 16:52	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 2340C-1997 - Hardness, Total

Lab Sample ID: MB 240-107774/1  
 Matrix: Water  
 Analysis Batch: 107774

Client Sample ID: Method Blank  
 Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	3.82	J	5.0	3.1	mg/L			10/30/13 13:13	1

Lab Sample ID: LCS 240-107774/2  
 Matrix: Water  
 Analysis Batch: 107774

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hardness as calcium carbonate	312	311		mg/L		100	88 - 110

Lab Sample ID: 240-30622-4 MS  
 Matrix: Water  
 Analysis Batch: 107774

Client Sample ID: GW-102413-SM-022  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hardness as calcium carbonate	430	B	1000	1420		mg/L		99	87 - 114

Lab Sample ID: 240-30622-4 MSD  
 Matrix: Water  
 Analysis Batch: 107774

Client Sample ID: GW-102413-SM-022  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Hardness as calcium carbonate	430	B	1000	1430		mg/L		100	87 - 114	1	20

Lab Sample ID: 240-30622-4 DU  
 Matrix: Water  
 Analysis Batch: 107774

Client Sample ID: GW-102413-SM-022  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	DU Result	DU Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Hardness as calcium carbonate	430	B		430		mg/L				0	20

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 240-30622-4 MS  
 Matrix: Water  
 Analysis Batch: 107213

Client Sample ID: GW-102413-SM-022  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	0.10	U ^	2.50	2.80	^	mg/L		112	80 - 120
Nitrate as N	0.10	U ^	2.50	2.66	^	mg/L		107	80 - 120

Lab Sample ID: 240-30622-4 MSD  
 Matrix: Water  
 Analysis Batch: 107213

Client Sample ID: GW-102413-SM-022  
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Nitrite as N	0.10	U ^	2.50	2.83	^	mg/L		113	80 - 120	1	20
Nitrate as N	0.10	U ^	2.50	2.75	^	mg/L		110	80 - 120	3	20

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 240-107263/19

Matrix: Water

Analysis Batch: 107263

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U	0.10	0.012	mg/L			10/26/13 16:32	1
Nitrate as N	0.10	U	0.10	0.023	mg/L			10/26/13 16:32	1

Lab Sample ID: LCS 240-107263/20

Matrix: Water

Analysis Batch: 107263

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	2.50	2.46		mg/L		98	90 - 110
Nitrate as N	2.50	2.55		mg/L		102	90 - 110

Lab Sample ID: MB 240-107264/19

Matrix: Water

Analysis Batch: 107264

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			10/26/13 16:32	1
Sulfate	1.0	U	1.0	0.12	mg/L			10/26/13 16:32	1

Lab Sample ID: LCS 240-107264/20

Matrix: Water

Analysis Batch: 107264

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.5		mg/L		105	90 - 110
Sulfate	50.0	51.1		mg/L		102	90 - 110

Lab Sample ID: MB 240-107291/3

Matrix: Water

Analysis Batch: 107291

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			10/27/13 10:14	1
Sulfate	1.0	U	1.0	0.12	mg/L			10/27/13 10:14	1

Lab Sample ID: LCS 240-107291/4

Matrix: Water

Analysis Batch: 107291

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.9		mg/L		106	90 - 110
Sulfate	50.0	52.0		mg/L		104	90 - 110

Lab Sample ID: 240-30622-4 MS

Matrix: Water

Analysis Batch: 107291

Client Sample ID: GW-102413-SM-022

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	42		50.0	99.7		mg/L		114	80 - 120

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: 240-30622-4 MS**

**Matrix: Water**

**Analysis Batch: 107291**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	100		50.0	166	F	mg/L		122	80 - 120

**Lab Sample ID: 240-30622-4 MSD**

**Matrix: Water**

**Analysis Batch: 107291**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	42		50.0	99.2		mg/L		113	80 - 120	0	20
Sulfate	100		50.0	166	F	mg/L		122	80 - 120	0	20

**Lab Sample ID: MB 240-107292/3**

**Matrix: Water**

**Analysis Batch: 107292**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U	0.10	0.012	mg/L			10/27/13 10:14	1
Nitrate as N	0.10	U	0.10	0.023	mg/L			10/27/13 10:14	1

**Lab Sample ID: LCS 240-107292/4**

**Matrix: Water**

**Analysis Batch: 107292**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	2.50	2.50		mg/L		100	90 - 110
Nitrate as N	2.50	2.64		mg/L		105	90 - 110

**Lab Sample ID: 240-30622-4 MS**

**Matrix: Water**

**Analysis Batch: 107292**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	0.10	U H	2.50	2.69	H	mg/L		108	80 - 120
Nitrate as N	0.10	U H ^	2.50	2.61	H ^	mg/L		105	80 - 120

**Lab Sample ID: 240-30622-4 MSD**

**Matrix: Water**

**Analysis Batch: 107292**

**Client Sample ID: GW-102413-SM-022**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrite as N	0.10	U H	2.50	2.71	H	mg/L		108	80 - 120	1	20
Nitrate as N	0.10	U H ^	2.50	2.58	H ^	mg/L		103	80 - 120	1	20

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

**Lab Sample ID: MB 240-107876/1-A**  
**Matrix: Water**  
**Analysis Batch: 107986**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 107876**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 16:48	1

**Lab Sample ID: LCS 240-107876/2-A**  
**Matrix: Water**  
**Analysis Batch: 107986**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 107876**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	8.76	8.10		mg/L		92	70 - 130

**Lab Sample ID: 240-30622-4 MS**  
**Matrix: Water**  
**Analysis Batch: 107986**

**Client Sample ID: GW-102413-SM-022**  
**Prep Type: Total/NA**  
**Prep Batch: 107876**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	3.0	U	8.76	7.70		mg/L		88	27 - 124

**Lab Sample ID: 240-30622-4 MSD**  
**Matrix: Water**  
**Analysis Batch: 107986**

**Client Sample ID: GW-102413-SM-022**  
**Prep Type: Total/NA**  
**Prep Batch: 107876**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Sulfide	3.0	U	8.76	7.70		mg/L		88	27 - 124	0	20

## Method: 9060 - Organic Carbon, Total (TOC)

**Lab Sample ID: MB 240-107277/28**  
**Matrix: Water**  
**Analysis Batch: 107277**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.0	U	1.0	0.24	mg/L			10/26/13 23:27	1

**Lab Sample ID: LCS 240-107277/29**  
**Matrix: Water**  
**Analysis Batch: 107277**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	40.8	41.5		mg/L		102	88 - 115

**Lab Sample ID: 240-30622-4 MS**  
**Matrix: Water**  
**Analysis Batch: 107277**

**Client Sample ID: GW-102413-SM-022**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	4.4		25.0	31.8		mg/L		110	72 - 136

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Method: 9060 - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 240-30622-4 MSD

Matrix: Water

Analysis Batch: 107277

Client Sample ID: GW-102413-SM-022

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Organic Carbon	4.4		25.0	31.3		mg/L		108	72 - 136	1	20

## Method: 9060 - Organic Carbon, Dissolved (DOC)

Lab Sample ID: MB 240-107649/3

Matrix: Water

Analysis Batch: 107649

Client Sample ID: Method Blank

Prep Type: Dissolved

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.0	U	1.0	0.24	mg/L			10/28/13 13:35	1

Lab Sample ID: LCS 240-107649/4

Matrix: Water

Analysis Batch: 107649

Client Sample ID: Lab Control Sample

Prep Type: Dissolved

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	40.8	42.6		mg/L		104	88 - 115

Lab Sample ID: 240-30622-4 MS

Matrix: Water

Analysis Batch: 107649

Client Sample ID: GW-102413-SM-022

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	4.3		25.0	29.3		mg/L		100	72 - 136

Lab Sample ID: 240-30622-4 MSD

Matrix: Water

Analysis Batch: 107649

Client Sample ID: GW-102413-SM-022

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dissolved Organic Carbon	4.3		25.0	29.8		mg/L		102	72 - 136	2	20

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## GC/MS VOA

### Analysis Batch: 108448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-4	GW-102413-SM-022	Total/NA	Water	8260B	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	8260B	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	8260B	
240-30622-5	GW-102413-SM-023	Total/NA	Water	8260B	
240-30622-6	RB-102413-SM-024	Total/NA	Water	8260B	
240-30622-8	GW-102413-SM-026	Total/NA	Water	8260B	
240-30622-9	TB-102413-SM-027	Total/NA	Water	8260B	
LCS 240-108448/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108448/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 108494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	8260B	
240-30622-2	GW-102413-SM-020	Total/NA	Water	8260B	
LCS 240-108494/5	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108494/7	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 108604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-7	GW-102413-SM-025	Total/NA	Water	8260B	
LCS 240-108604/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108604/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 108654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-3	GW-102413-SM-021	Total/NA	Water	8260B	
LCS 240-108654/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108654/6	Method Blank	Total/NA	Water	8260B	

## GC VOA

### Analysis Batch: 107300

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	RSK-175	
240-30622-2	GW-102413-SM-020	Total/NA	Water	RSK-175	
240-30622-3	GW-102413-SM-021	Total/NA	Water	RSK-175	
240-30622-4	GW-102413-SM-022	Total/NA	Water	RSK-175	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	RSK-175	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	RSK-175	
240-30622-5	GW-102413-SM-023	Total/NA	Water	RSK-175	
240-30622-7	GW-102413-SM-025	Total/NA	Water	RSK-175	
LCS 240-107300/4	Lab Control Sample	Total/NA	Water	RSK-175	
MB 240-107300/5	Method Blank	Total/NA	Water	RSK-175	

## Metals

### Prep Batch: 107527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Dissolved	Water	3005A	
240-30622-2	GW-102413-SM-020	Dissolved	Water	3005A	

TestAmerica Canton

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Metals (Continued)

### Prep Batch: 107527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-3	GW-102413-SM-021	Dissolved	Water	3005A	
240-30622-4	GW-102413-SM-022	Dissolved	Water	3005A	
240-30622-4 MS	GW-102413-SM-022	Dissolved	Water	3005A	
240-30622-4 MSD	GW-102413-SM-022	Dissolved	Water	3005A	
240-30622-5	GW-102413-SM-023	Dissolved	Water	3005A	
240-30622-7	GW-102413-SM-025	Dissolved	Water	3005A	
LCS 240-107527/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-107527/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 108002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Dissolved	Water	6010B	107527
240-30622-2	GW-102413-SM-020	Dissolved	Water	6010B	107527
240-30622-3	GW-102413-SM-021	Dissolved	Water	6010B	107527
240-30622-4	GW-102413-SM-022	Dissolved	Water	6010B	107527
240-30622-4 MS	GW-102413-SM-022	Dissolved	Water	6010B	107527
240-30622-4 MSD	GW-102413-SM-022	Dissolved	Water	6010B	107527
240-30622-5	GW-102413-SM-023	Dissolved	Water	6010B	107527
240-30622-7	GW-102413-SM-025	Dissolved	Water	6010B	107527
LCS 240-107527/2-A	Lab Control Sample	Total Recoverable	Water	6010B	107527
MB 240-107527/1-A	Method Blank	Total Recoverable	Water	6010B	107527

## General Chemistry

### Analysis Batch: 107213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	300.0	
240-30622-2	GW-102413-SM-020	Total/NA	Water	300.0	
240-30622-3	GW-102413-SM-021	Total/NA	Water	300.0	
240-30622-4	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-5	GW-102413-SM-023	Total/NA	Water	300.0	
240-30622-7	GW-102413-SM-025	Total/NA	Water	300.0	

### Analysis Batch: 107263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1 - RA	GW-102413-SM-019	Total/NA	Water	300.0	
240-30622-2 - RA	GW-102413-SM-020	Total/NA	Water	300.0	
240-30622-3 - RA	GW-102413-SM-021	Total/NA	Water	300.0	
240-30622-5 - RA	GW-102413-SM-023	Total/NA	Water	300.0	
LCS 240-107263/20	Lab Control Sample	Total/NA	Water	300.0	
MB 240-107263/19	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 107264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	300.0	
240-30622-2	GW-102413-SM-020	Total/NA	Water	300.0	
240-30622-3	GW-102413-SM-021	Total/NA	Water	300.0	
240-30622-5	GW-102413-SM-023	Total/NA	Water	300.0	

TestAmerica Canton

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## General Chemistry (Continued)

### Analysis Batch: 107264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 240-107264/20	Lab Control Sample	Total/NA	Water	300.0	
MB 240-107264/19	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 107277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	9060	
240-30622-2	GW-102413-SM-020	Total/NA	Water	9060	
240-30622-3	GW-102413-SM-021	Total/NA	Water	9060	
240-30622-4	GW-102413-SM-022	Total/NA	Water	9060	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	9060	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	9060	
240-30622-5	GW-102413-SM-023	Total/NA	Water	9060	
240-30622-7	GW-102413-SM-025	Total/NA	Water	9060	
LCS 240-107277/29	Lab Control Sample	Total/NA	Water	9060	
MB 240-107277/28	Method Blank	Total/NA	Water	9060	

### Analysis Batch: 107291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-4	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-7	GW-102413-SM-025	Total/NA	Water	300.0	
LCS 240-107291/4	Lab Control Sample	Total/NA	Water	300.0	
MB 240-107291/3	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 107292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-4 - RA	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	300.0	
240-30622-7 - RA	GW-102413-SM-025	Total/NA	Water	300.0	
LCS 240-107292/4	Lab Control Sample	Total/NA	Water	300.0	
MB 240-107292/3	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 107621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	2320B-1997	
240-30622-2	GW-102413-SM-020	Total/NA	Water	2320B-1997	
240-30622-3	GW-102413-SM-021	Total/NA	Water	2320B-1997	
240-30622-4	GW-102413-SM-022	Total/NA	Water	2320B-1997	
240-30622-4 DU	GW-102413-SM-022	Total/NA	Water	2320B-1997	
240-30622-5	GW-102413-SM-023	Total/NA	Water	2320B-1997	
MB 240-107621/33	Method Blank	Total/NA	Water	2320B-1997	

### Analysis Batch: 107649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Dissolved	Water	9060	
240-30622-2	GW-102413-SM-020	Dissolved	Water	9060	
240-30622-3	GW-102413-SM-021	Dissolved	Water	9060	
240-30622-4	GW-102413-SM-022	Dissolved	Water	9060	
240-30622-4 MS	GW-102413-SM-022	Dissolved	Water	9060	

TestAmerica Canton

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## General Chemistry (Continued)

### Analysis Batch: 107649 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-4 MSD	GW-102413-SM-022	Dissolved	Water	9060	
240-30622-5	GW-102413-SM-023	Dissolved	Water	9060	
240-30622-7	GW-102413-SM-025	Dissolved	Water	9060	
LCS 240-107649/4	Lab Control Sample	Dissolved	Water	9060	
MB 240-107649/3	Method Blank	Dissolved	Water	9060	

### Analysis Batch: 107774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	2340C-1997	
240-30622-2	GW-102413-SM-020	Total/NA	Water	2340C-1997	
240-30622-3	GW-102413-SM-021	Total/NA	Water	2340C-1997	
240-30622-4	GW-102413-SM-022	Total/NA	Water	2340C-1997	
240-30622-4 DU	GW-102413-SM-022	Total/NA	Water	2340C-1997	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	2340C-1997	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	2340C-1997	
240-30622-5	GW-102413-SM-023	Total/NA	Water	2340C-1997	
240-30622-7	GW-102413-SM-025	Total/NA	Water	2340C-1997	
LCS 240-107774/2	Lab Control Sample	Total/NA	Water	2340C-1997	
MB 240-107774/1	Method Blank	Total/NA	Water	2340C-1997	

### Prep Batch: 107876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	9030B	
240-30622-2	GW-102413-SM-020	Total/NA	Water	9030B	
240-30622-3	GW-102413-SM-021	Total/NA	Water	9030B	
240-30622-4	GW-102413-SM-022	Total/NA	Water	9030B	
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	9030B	
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	9030B	
240-30622-5	GW-102413-SM-023	Total/NA	Water	9030B	
240-30622-7	GW-102413-SM-025	Total/NA	Water	9030B	
LCS 240-107876/2-A	Lab Control Sample	Total/NA	Water	9030B	
MB 240-107876/1-A	Method Blank	Total/NA	Water	9030B	

### Analysis Batch: 107986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-1	GW-102413-SM-019	Total/NA	Water	9034	107876
240-30622-2	GW-102413-SM-020	Total/NA	Water	9034	107876
240-30622-3	GW-102413-SM-021	Total/NA	Water	9034	107876
240-30622-4	GW-102413-SM-022	Total/NA	Water	9034	107876
240-30622-4 MS	GW-102413-SM-022	Total/NA	Water	9034	107876
240-30622-4 MSD	GW-102413-SM-022	Total/NA	Water	9034	107876
240-30622-5	GW-102413-SM-023	Total/NA	Water	9034	107876
240-30622-7	GW-102413-SM-025	Total/NA	Water	9034	107876
LCS 240-107876/2-A	Lab Control Sample	Total/NA	Water	9034	107876
MB 240-107876/1-A	Method Blank	Total/NA	Water	9034	107876

### Analysis Batch: 108457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30622-7	GW-102413-SM-025	Total/NA	Water	2320B-1997	
MB 240-108457/3	Method Blank	Total/NA	Water	2320B-1997	

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

**Client Sample ID: GW-102413-SM-019**

**Lab Sample ID: 240-30622-1**

Date Collected: 10/24/13 08:57

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		166.67	108494	11/06/13 01:28	LRW	TAL CAN
Total/NA	Analysis	RSK-175		1	107300	10/28/13 10:33	CHJ	TAL CAN
Dissolved	Prep	3005A			107527	10/29/13 09:18	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108002	10/31/13 20:03	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107213	10/25/13 17:21	LKG	TAL CAN
Total/NA	Analysis	300.0	RA	1	107263	10/26/13 17:07	LKG	TAL CAN
Total/NA	Analysis	300.0		1	107264	10/26/13 17:07	LKG	TAL CAN
Total/NA	Analysis	9060		1	107277	10/27/13 00:52	TPH	TAL CAN
Total/NA	Analysis	2320B-1997		1	107621	10/28/13 23:24	LKG	TAL CAN
Dissolved	Analysis	9060		1	107649	10/28/13 14:59	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	107774	10/30/13 13:25	JMB	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 09:50	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 16:53	JMB	TAL CAN

**Client Sample ID: GW-102413-SM-020**

**Lab Sample ID: 240-30622-2**

Date Collected: 10/24/13 10:00

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	108494	11/06/13 01:51	LRW	TAL CAN
Total/NA	Analysis	RSK-175		1	107300	10/28/13 10:46	CHJ	TAL CAN
Dissolved	Prep	3005A			107527	10/29/13 09:18	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108002	10/31/13 20:07	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107213	10/25/13 17:38	LKG	TAL CAN
Total/NA	Analysis	300.0	RA	1	107263	10/26/13 17:25	LKG	TAL CAN
Total/NA	Analysis	300.0		1	107264	10/26/13 17:25	LKG	TAL CAN
Total/NA	Analysis	9060		1	107277	10/27/13 01:33	TPH	TAL CAN
Total/NA	Analysis	2320B-1997		1	107621	10/28/13 23:36	LKG	TAL CAN
Dissolved	Analysis	9060		1	107649	10/28/13 15:41	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	107774	10/30/13 13:31	JMB	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 09:50	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 16:56	JMB	TAL CAN

**Client Sample ID: GW-102413-SM-021**

**Lab Sample ID: 240-30622-3**

Date Collected: 10/24/13 10:03

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	108654	11/06/13 15:41	LRW	TAL CAN
Total/NA	Analysis	RSK-175		1	107300	10/28/13 10:58	CHJ	TAL CAN
Dissolved	Prep	3005A			107527	10/29/13 09:18	LPM	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

**Client Sample ID: GW-102413-SM-021**

**Lab Sample ID: 240-30622-3**

Date Collected: 10/24/13 10:03

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	6010B		1	108002	10/31/13 20:11	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107213	10/25/13 18:30	LKG	TAL CAN
Total/NA	Analysis	300.0	RA	1	107263	10/26/13 17:42	LKG	TAL CAN
Total/NA	Analysis	300.0		1	107264	10/26/13 17:42	LKG	TAL CAN
Total/NA	Analysis	9060		1	107277	10/27/13 02:14	TPH	TAL CAN
Total/NA	Analysis	2320B-1997		1	107621	10/28/13 23:47	LKG	TAL CAN
Dissolved	Analysis	9060		1	107649	10/28/13 16:22	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	107774	10/30/13 13:37	JMB	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 09:50	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 16:59	JMB	TAL CAN

**Client Sample ID: GW-102413-SM-022**

**Lab Sample ID: 240-30622-4**

Date Collected: 10/24/13 11:03

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		500	108448	11/05/13 16:48	LEE	TAL CAN
Total/NA	Analysis	RSK-175		1	107300	10/28/13 11:10	CHJ	TAL CAN
Dissolved	Prep	3005A			107527	10/29/13 09:18	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108002	10/31/13 19:31	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107213	10/25/13 18:48	LKG	TAL CAN
Total/NA	Analysis	9060		1	107277	10/26/13 23:49	TPH	TAL CAN
Total/NA	Analysis	300.0		1	107291	10/27/13 13:43	LKG	TAL CAN
Total/NA	Analysis	300.0	RA	1	107292	10/27/13 13:43	LKG	TAL CAN
Total/NA	Analysis	2320B-1997		1	107621	10/29/13 00:00	LKG	TAL CAN
Dissolved	Analysis	9060		1	107649	10/28/13 13:56	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	107774	10/30/13 13:42	JMB	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 09:50	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 17:01	JMB	TAL CAN

**Client Sample ID: GW-102413-SM-023**

**Lab Sample ID: 240-30622-5**

Date Collected: 10/24/13 12:05

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	108448	11/05/13 17:10	LEE	TAL CAN
Total/NA	Analysis	RSK-175		1	107300	10/28/13 11:47	CHJ	TAL CAN
Dissolved	Prep	3005A			107527	10/29/13 09:18	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108002	10/31/13 20:16	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107213	10/25/13 19:40	LKG	TAL CAN
Total/NA	Analysis	300.0	RA	1	107263	10/26/13 17:59	LKG	TAL CAN

TestAmerica Canton



# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Client Sample ID: GW-102413-SM-023

Lab Sample ID: 240-30622-5

Date Collected: 10/24/13 12:05

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	107264	10/26/13 17:59	LKG	TAL CAN
Total/NA	Analysis	9060		1	107277	10/27/13 02:56	TPH	TAL CAN
Total/NA	Analysis	2320B-1997		1	107621	10/29/13 00:58	LKG	TAL CAN
Dissolved	Analysis	9060		1	107649	10/28/13 17:03	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	107774	10/30/13 14:06	JMB	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 09:50	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 17:09	JMB	TAL CAN

## Client Sample ID: RB-102413-SM-024

Lab Sample ID: 240-30622-6

Date Collected: 10/24/13 12:25

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108448	11/05/13 17:32	LEE	TAL CAN

## Client Sample ID: GW-102413-SM-025

Lab Sample ID: 240-30622-7

Date Collected: 10/24/13 13:20

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		333.33	108604	11/06/13 13:22	LEE	TAL CAN
Total/NA	Analysis	RSK-175		1	107300	10/28/13 11:59	CHJ	TAL CAN
Dissolved	Prep	3005A			107527	10/29/13 09:18	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108002	10/31/13 20:20	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107213	10/25/13 19:57	LKG	TAL CAN
Total/NA	Analysis	9060		1	107277	10/27/13 03:37	TPH	TAL CAN
Total/NA	Analysis	300.0		1	107291	10/27/13 12:51	LKG	TAL CAN
Total/NA	Analysis	300.0	RA	1	107292	10/27/13 12:51	LKG	TAL CAN
Dissolved	Analysis	9060		1	107649	10/28/13 17:45	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	107774	10/30/13 14:11	JMB	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 09:50	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 17:12	JMB	TAL CAN
Total/NA	Analysis	2320B-1997		1	108457	11/04/13 20:15	LKG	TAL CAN

## Client Sample ID: GW-102413-SM-026

Lab Sample ID: 240-30622-8

Date Collected: 10/24/13 14:30

Matrix: Water

Date Received: 10/25/13 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108448	11/05/13 17:54	LEE	TAL CAN

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

**Client Sample ID: TB-102413-SM-027**

**Lab Sample ID: 240-30622-9**

**Date Collected: 10/24/13 16:30**

**Matrix: Water**

**Date Received: 10/25/13 09:25**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108448	11/05/13 18:17	LEE	TAL CAN

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30622-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14 *
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

TestAmerica Canton

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-30622 Chain of Custody

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
 Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO.: IN-03350  
 PAGE 1 OF 1  
 (See Reverse Side for Instructions)

28

Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yy)	TIME (hh:mm)	Matrix Code	Grab (G) or Comp (C)	CONTAINER QUANTITY & PRESERVATION								Total Containers/Sample	Other:	ANALYSIS REQUESTED (See back of COC for Definitions)	MS/MSD Request
						Unpreserved	Hydrochloric Acid (HCl)	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>3</sub> )	Sodium Hydroxide (NaOH)	Methanol/Water (Soil)	VOC	Encores 3x5-g, 1x25-g				
1	GW-102413-SM-019	10/24/17	857	WG	Grab												
2	-020		1000	WG	Grab												
3	-021		1603	WG	Grab												
4	-022		1103	WG	Grab												
5	GW-102413-SM-023		1205	WG	Grab												
6	RS-102413-SM-027		1225	RG	Grab												
7	GW-102417-SM-025		1300	WG	Grab												
8	GW-102417-SM-026	10/24/17	1430	WG	Grab												
9																	
10																	
11																	
12																	
13																	
14																	

Project No/Phase/Task Code: 017302-T07  
 Project Name: MUK  
 Project Location: Anderson IN  
 Chemistry Contact: Deborah Andrasko  
 Sampler(s): Sam Melcosky

Laboratory Name: Test America  
 Lab Contact: Denise Hecker  
 Lab Location: North Canton  
 Lab Quote No: 132007  
 Cooler No: 132007

Carrier: FedEx  
 Airbill No: 86125087607  
 Date Shipped: 10/24/17  
 COMMENTS/SPECIAL INSTRUCTIONS:

Notes/ Special Requirements:

Total Number of Containers: 35

All Samples in Cooler must be on COC

RELINQUISHED BY	COMPANY	DATE	RECEIVED BY	COMPANY	DATE	TIME
[Signature]	CRA	10/24/17	[Signature]	TAC	10/25/17	825

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT - ALL FIELDS MUST BE COMPLETED ACCURATELY

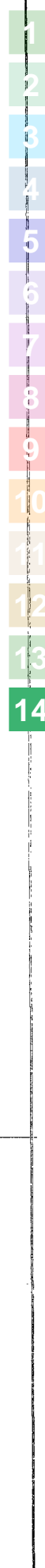
Distribution: WHITE - Fully Executed Copy (CRA)

YELLOW - Receiving Laboratory Copy

PINK - Shipper

GOLDENROD - Sampling Crew

CRA Form: COC-10A (20110904)





# CONESTOGA-ROVERS & ASSOCIATES

# CHAIN OF CUSTODY RECORD

6520 Corporate Drive, Indianapolis, Indiana 46278

Phone: (317) 291-7007

Fax: (317) 328-2666

COC NO: IN-03349

PAGE 1 OF 1

(See Reverse Side for Instructions)

Project No./Phase/Task Code: 017302-107		Lab Location: North Canton		SSOW ID: 132007											
Project Name: MLK		Lab Quote No.:		Cooler No.:											
Project Location: Attica IN		Carrier: Fedex		Airbill No.:											
Chemistry Contact: Deborah Andasko		ANALYSIS REQUESTED (See Back of COC for Definitions)		Date Shipped: 10/24/13											
Sampler(s): San Melecosky		MS/MSD Request		COMMENTS/ SPECIAL INSTRUCTIONS:											
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)	MATRIX CODE (see back of COC)	Grab (g) or Comp (c)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO <sub>3</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sodium Hydroxide (NaOH)	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	
1	GW-102413-Sm-019	10/24/13	857	w6c	6	4								16	
2	↓ 020	↓	1000	↓	6	4								16	
3	↓ 021	↓	1603	↓	6	4								10	
4	↓ 022	↓	1103	↓	18	12								30	
5	GW-102413-Sm-023	↓	1205	w6	6	4								10	
6	RS-102413-Sm-024	↓	1225	RO	3									3	
7	GW-102413-Sm-025	↓	1300	w6c	6	4								10	
8	GW-102413-Sm-026	10/24/13	1430	w6c	3									3	
9	TB-102413-Sm-027	10/27/13	1630	TS6	1									1	
10															
11															
12															
13															
14															
15															
TAT Required in business days (use separate COCs for different TATs):				Total Number of Containers: 87		Notes/Special Requirements:									
<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> Other:				All Samples in Cooler must be on COC											
RELINQUISHED BY		DATE		RECEIVED BY		DATE		COMPANY		COMPANY		DATE		TIME	
SM/MLK		10/24/13		JENNIFER [Signature]		10/25/13		TWC		TWC		10/25/13		925	

TestAmerica Canton Sample Receipt Form/Narrative

Login #: 30622

Canton Facility

Client: CRA Site Name: Cooler unpacked by: [Signature]

Cooler Received on: 10-25-13 Opened on: 10-25-13

FedEx: 1st Grd [Exp] UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

- 1. Cooler temperature upon receipt
IR GUN# A (CF +2 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 4 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 5 (CF +2 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C
IR GUN# 8 (CF -0 °C) Observed Cooler Temp. °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Did all bottles arrive in good condition (Unbroken)? Yes No
7. Could all bottle labels be reconciled with the COC? Yes No
8. Were correct bottle(s) used for the test(s) indicated? Yes No
9. Sufficient quantity received to perform indicated analyses? Yes No
10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC385663
11. Were VOAs on the COC? Yes No
12. Were air bubbles >6 mm in any VOA vials? Yes No NA
13. Was a trip blank present in the cooler(s)? Yes No

[X] See Multiple Cooler Form Corrected

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other \_\_\_\_\_ Concerning \_\_\_\_\_

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: [Signature]

RECEIVED volume for Sample 019 MARKED FOR ALL TESTS, OTHER SAMPLES, will Log for SAME ANALYSIS

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.
Sample(s) \_\_\_\_\_ were received in a broken container.
Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.
Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_





Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
GW-102413-SM-019	240-30622-L-1	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-019	240-30622-N-1	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-019	240-30622-O-1	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-020	240-30622-L-2	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-020	240-30622-N-2	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-020	240-30622-O-2	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-021	240-30622-L-3	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-021	240-30622-N-3	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-021	240-30622-O-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-022	240-30622-AA-4	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-022	240-30622-AB-4	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-022	240-30622-AE-4	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-022	240-30622-AF-4	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-022	240-30622-AG-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-022	240-30622-AH-4	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-023	240-30622-L-5	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-023	240-30622-N-5	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-023	240-30622-O-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-024	240-30622-L-6	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-024	240-30622-N-6	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-024	240-30622-O-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-025	240-30622-L-7	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-025	240-30622-N-7	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102413-SM-025	240-30622-O-7	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-026	240-30622-L-8	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102413-SM-026	240-30622-N-8	Plastic 500ml - with Zn Acetate and	>9	_____	_____
<del>GW-102413-SM-026</del>	<del>240-30622-O-8</del>	<del>Plastic 500ml - with Nitric Acid</del>	<del>&lt;2</del>	<del>_____</del>	<del>_____</del>



# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-30776-1

Client Project/Site: 17302-T07, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

11/12/2013 11:03:19 AM

Denise Heckler, Project Manager II

(330)966-9477

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)



### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14



# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	6
Sample Summary . . . . .	7
Detection Summary . . . . .	8
Client Sample Results . . . . .	10
Surrogate Summary . . . . .	23
QC Sample Results . . . . .	24
QC Association Summary . . . . .	32
Lab Chronicle . . . . .	33
Certification Summary . . . . .	35
Chain of Custody . . . . .	36

# Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
*	LCS or LCSD exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

**Job ID: 240-30776-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302-T07, RACER Delphi Anderson**

**Report Number: 240-30776-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### **RECEIPT**

The samples were received on 10/29/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.8 C.

### **VOLATILE ORGANIC COMPOUNDS (GCMS)**

Samples GW-102513-SM-028 (240-30776-1), GW-102513-SM-029 (240-30776-2), GW-102513-SM-030 (240-30776-3), GW-102513-SM-031 (240-30776-4), RB-102513-SM-032 (240-30776-5), GW-102513-SM-033 (240-30776-6), GW-102513-SM-034 (240-30776-7), GW-102513-SM-035 (240-30776-8), GW-102813-SM-036 (240-30776-9), GW-102813-SM-037 (240-30776-10) and TB-102813-SM-038 (240-30776-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/07/2013 and 11/08/2013.

Acetone was detected in method blank MB 240-108810/6 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

4-Methyl-2-pentanone (MIBK) and Acetone were detected in method blank MB 240-109004/5 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

There was no MS/MSD in batch 108810 due to instrument failure.

## Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

---

### Job ID: 240-30776-1 (Continued)

---

#### Laboratory: TestAmerica Canton (Continued)

The laboratory control sample (LCS) for batch 109004 recovered outside control limits for Tetrachloroethene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data has been reported.

Samples GW-102513-SM-028 (240-30776-1)[33.33X], GW-102513-SM-030 (240-30776-3)[250X], GW-102513-SM-031 (240-30776-4)[200X], GW-102513-SM-033 (240-30776-6)[200X], GW-102513-SM-034 (240-30776-7)[333.33X] and GW-102813-SM-036 (240-30776-9)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analysis.

All other quality control parameters were within the acceptance limits.



# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

---

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN

---

**Protocol References:**

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-30776-1	GW-102513-SM-028	Water	10/25/13 09:13	10/29/13 09:10
240-30776-2	GW-102513-SM-029	Water	10/25/13 10:07	10/29/13 09:10
240-30776-3	GW-102513-SM-030	Water	10/25/13 11:07	10/29/13 09:10
240-30776-4	GW-102513-SM-031	Water	10/25/13 11:10	10/29/13 09:10
240-30776-5	RB-102513-SM-032	Water	10/25/13 11:15	10/29/13 09:10
240-30776-6	GW-102513-SM-033	Water	10/25/13 12:17	10/29/13 09:10
240-30776-7	GW-102513-SM-034	Water	10/25/13 13:05	10/29/13 09:10
240-30776-8	GW-102513-SM-035	Water	10/25/13 14:00	10/29/13 09:10
240-30776-9	GW-102813-SM-036	Water	10/28/13 10:45	10/29/13 09:10
240-30776-10	GW-102813-SM-037	Water	10/28/13 11:45	10/29/13 09:10
240-30776-11	TB-102813-SM-038	Water	10/28/13 14:30	10/29/13 09:10





# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Client Sample ID: GW-102513-SM-028

Lab Sample ID: 240-30776-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	33		33	7.3	ug/L	33.33		8260B	Total/NA
cis-1,2-Dichloroethene	900		33	5.7	ug/L	33.33		8260B	Total/NA
trans-1,2-Dichloroethene	32	J	33	6.3	ug/L	33.33		8260B	Total/NA

## Client Sample ID: GW-102513-SM-029

Lab Sample ID: 240-30776-2

No Detections.

## Client Sample ID: GW-102513-SM-030

Lab Sample ID: 240-30776-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	49	J	250	48	ug/L	250		8260B	Total/NA
Vinyl chloride	220	J	250	55	ug/L	250		8260B	Total/NA
cis-1,2-Dichloroethene	6100		250	43	ug/L	250		8260B	Total/NA

## Client Sample ID: GW-102513-SM-031

Lab Sample ID: 240-30776-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	60	J	200	30	ug/L	200		8260B	Total/NA
Vinyl chloride	250		200	44	ug/L	200		8260B	Total/NA
cis-1,2-Dichloroethene	5000		200	34	ug/L	200		8260B	Total/NA

## Client Sample ID: RB-102513-SM-032

Lab Sample ID: 240-30776-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.9	J	10	1.1	ug/L	1		8260B	Total/NA
Dichlorobromomethane	2.7		1.0	0.15	ug/L	1		8260B	Total/NA
Chloroform	18		1.0	0.16	ug/L	1		8260B	Total/NA
Toluene	0.18	J	1.0	0.13	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102513-SM-033

Lab Sample ID: 240-30776-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	760	J B	2000	220	ug/L	200		8260B	Total/NA
1,1-Dichloroethane	84	J	200	30	ug/L	200		8260B	Total/NA
1,1-Dichloroethene	46	J	200	38	ug/L	200		8260B	Total/NA
Vinyl chloride	120	J	200	44	ug/L	200		8260B	Total/NA
cis-1,2-Dichloroethene	5200		200	34	ug/L	200		8260B	Total/NA
trans-1,2-Dichloroethene	270		200	38	ug/L	200		8260B	Total/NA

## Client Sample ID: GW-102513-SM-034

Lab Sample ID: 240-30776-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1400	J B	3300	370	ug/L	333.33		8260B	Total/NA
Vinyl chloride	550		330	73	ug/L	333.33		8260B	Total/NA
cis-1,2-Dichloroethene	7200		330	57	ug/L	333.33		8260B	Total/NA
trans-1,2-Dichloroethene	160	J	330	63	ug/L	333.33		8260B	Total/NA

## Client Sample ID: GW-102513-SM-035

Lab Sample ID: 240-30776-8

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Client Sample ID: GW-102513-SM-035 (Continued)

Lab Sample ID: 240-30776-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.17	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102813-SM-036

Lab Sample ID: 240-30776-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	67	J B	500	55	ug/L	50		8260B	Total/NA
Vinyl chloride	160		50	11	ug/L	50		8260B	Total/NA
cis-1,2-Dichloroethene	2600		50	8.5	ug/L	50		8260B	Total/NA
trans-1,2-Dichloroethene	110		50	9.5	ug/L	50		8260B	Total/NA

## Client Sample ID: GW-102813-SM-037

Lab Sample ID: 240-30776-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	1.8	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.42	J	1.0	0.13	ug/L	1		8260B	Total/NA

## Client Sample ID: TB-102813-SM-038

Lab Sample ID: 240-30776-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.6		1.0	0.13	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102513-SM-028**

**Lab Sample ID: 240-30776-1**

**Date Collected: 10/25/13 09:13**

**Matrix: Water**

**Date Received: 10/29/13 09:10**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	330	U	330	37	ug/L			11/08/13 14:07	33.33
Benzene	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
Dichlorobromomethane	33	U	33	5.0	ug/L			11/08/13 14:07	33.33
Bromoform	33	U	33	21	ug/L			11/08/13 14:07	33.33
Bromomethane	33	U	33	14	ug/L			11/08/13 14:07	33.33
2-Butanone (MEK)	330	U	330	19	ug/L			11/08/13 14:07	33.33
Carbon disulfide	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
Carbon tetrachloride	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
Chlorobenzene	33	U	33	5.0	ug/L			11/08/13 14:07	33.33
Chloroethane	33	U	33	9.7	ug/L			11/08/13 14:07	33.33
Chloroform	33	U	33	5.3	ug/L			11/08/13 14:07	33.33
Chloromethane	33	U	33	10	ug/L			11/08/13 14:07	33.33
1,1-Dichloroethane	33	U	33	5.0	ug/L			11/08/13 14:07	33.33
1,2-Dichloroethane	33	U	33	7.3	ug/L			11/08/13 14:07	33.33
1,1-Dichloroethene	33	U	33	6.3	ug/L			11/08/13 14:07	33.33
1,2-Dichloropropane	33	U	33	6.0	ug/L			11/08/13 14:07	33.33
cis-1,3-Dichloropropene	33	U	33	4.7	ug/L			11/08/13 14:07	33.33
trans-1,3-Dichloropropene	33	U	33	6.3	ug/L			11/08/13 14:07	33.33
Ethylbenzene	33	U	33	5.7	ug/L			11/08/13 14:07	33.33
2-Hexanone	330	U	330	14	ug/L			11/08/13 14:07	33.33
Methylene Chloride	33	U	33	11	ug/L			11/08/13 14:07	33.33
4-Methyl-2-pentanone (MIBK)	330	U	330	11	ug/L			11/08/13 14:07	33.33
Styrene	33	U	33	3.7	ug/L			11/08/13 14:07	33.33
1,1,2,2-Tetrachloroethane	33	U	33	6.0	ug/L			11/08/13 14:07	33.33
Tetrachloroethene	33	U	33	9.7	ug/L			11/08/13 14:07	33.33
Toluene	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
Trichloroethene	33	U	33	5.7	ug/L			11/08/13 14:07	33.33
<b>Vinyl chloride</b>	<b>33</b>		33	7.3	ug/L			11/08/13 14:07	33.33
Xylenes, Total	67	U	67	4.7	ug/L			11/08/13 14:07	33.33
1,1,1-Trichloroethane	33	U	33	7.3	ug/L			11/08/13 14:07	33.33
1,1,2-Trichloroethane	33	U	33	9.0	ug/L			11/08/13 14:07	33.33
Cyclohexane	33	U	33	4.0	ug/L			11/08/13 14:07	33.33
1,2-Dibromo-3-Chloropropane	67	U	67	22	ug/L			11/08/13 14:07	33.33
Ethylene Dibromide	33	U	33	8.0	ug/L			11/08/13 14:07	33.33
Dichlorodifluoromethane	33	U	33	10	ug/L			11/08/13 14:07	33.33
<b>cis-1,2-Dichloroethene</b>	<b>900</b>		33	5.7	ug/L			11/08/13 14:07	33.33
<b>trans-1,2-Dichloroethene</b>	<b>32 J</b>		33	6.3	ug/L			11/08/13 14:07	33.33
Isopropylbenzene	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
Methyl acetate	330	U	330	13	ug/L			11/08/13 14:07	33.33
Methyl tert-butyl ether	33	U	33	5.7	ug/L			11/08/13 14:07	33.33
1,1,2-Trichloro-1,2,2-trifluoroethane	33	U	33	9.3	ug/L			11/08/13 14:07	33.33
1,2,4-Trichlorobenzene	33	U	33	5.0	ug/L			11/08/13 14:07	33.33
1,2-Dichlorobenzene	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
1,3-Dichlorobenzene	33	U	33	4.7	ug/L			11/08/13 14:07	33.33
1,4-Dichlorobenzene	33	U	33	4.3	ug/L			11/08/13 14:07	33.33
Trichlorofluoromethane	33	U	33	7.0	ug/L			11/08/13 14:07	33.33
Chlorodibromomethane	33	U	33	6.0	ug/L			11/08/13 14:07	33.33
Methylcyclohexane	33	U	33	4.3	ug/L			11/08/13 14:07	33.33

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		11/08/13 14:07	33.33
4-Bromofluorobenzene (Surr)	84		66 - 117		11/08/13 14:07	33.33
Toluene-d8 (Surr)	92		74 - 115		11/08/13 14:07	33.33
Dibromofluoromethane (Surr)	107		75 - 121		11/08/13 14:07	33.33

**Client Sample ID: GW-102513-SM-029**

**Lab Sample ID: 240-30776-2**

**Date Collected: 10/25/13 10:07**

**Matrix: Water**

**Date Received: 10/29/13 09:10**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/07/13 16:11	1
Benzene	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/07/13 16:11	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/07/13 16:11	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/07/13 16:11	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/07/13 16:11	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/07/13 16:11	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/07/13 16:11	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/07/13 16:11	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/07/13 16:11	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/07/13 16:11	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/07/13 16:11	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/07/13 16:11	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/07/13 16:11	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/07/13 16:11	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/07/13 16:11	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/07/13 16:11	1
2-Hexanone	10	U	10	0.41	ug/L			11/07/13 16:11	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/07/13 16:11	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/07/13 16:11	1
Styrene	1.0	U	1.0	0.11	ug/L			11/07/13 16:11	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/07/13 16:11	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/07/13 16:11	1
Toluene	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/07/13 16:11	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/07/13 16:11	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/07/13 16:11	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/07/13 16:11	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/07/13 16:11	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/07/13 16:11	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/07/13 16:11	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/07/13 16:11	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/07/13 16:11	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/07/13 16:11	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/07/13 16:11	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1
Methyl acetate	10	U	10	0.38	ug/L			11/07/13 16:11	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/07/13 16:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/07/13 16:11	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/07/13 16:11	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102513-SM-029**

**Date Collected: 10/25/13 10:07**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/07/13 16:11	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/07/13 16:11	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/07/13 16:11	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/07/13 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		63 - 129		11/07/13 16:11	1
4-Bromofluorobenzene (Surr)	70		66 - 117		11/07/13 16:11	1
Toluene-d8 (Surr)	80		74 - 115		11/07/13 16:11	1
Dibromofluoromethane (Surr)	104		75 - 121		11/07/13 16:11	1

**Client Sample ID: GW-102513-SM-030**

**Date Collected: 10/25/13 11:07**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2500	U	2500	280	ug/L			11/07/13 19:33	250
Benzene	250	U	250	33	ug/L			11/07/13 19:33	250
Dichlorobromomethane	250	U	250	38	ug/L			11/07/13 19:33	250
Bromoform	250	U	250	160	ug/L			11/07/13 19:33	250
Bromomethane	250	U	250	100	ug/L			11/07/13 19:33	250
2-Butanone (MEK)	2500	U	2500	140	ug/L			11/07/13 19:33	250
Carbon disulfide	250	U	250	33	ug/L			11/07/13 19:33	250
Carbon tetrachloride	250	U	250	33	ug/L			11/07/13 19:33	250
Chlorobenzene	250	U	250	38	ug/L			11/07/13 19:33	250
Chloroethane	250	U	250	73	ug/L			11/07/13 19:33	250
Chloroform	250	U	250	40	ug/L			11/07/13 19:33	250
Chloromethane	250	U	250	75	ug/L			11/07/13 19:33	250
1,1-Dichloroethane	250	U	250	38	ug/L			11/07/13 19:33	250
1,2-Dichloroethane	250	U	250	55	ug/L			11/07/13 19:33	250
<b>1,1-Dichloroethene</b>	<b>49</b>	<b>J</b>	250	48	ug/L			11/07/13 19:33	250
1,2-Dichloropropane	250	U	250	45	ug/L			11/07/13 19:33	250
cis-1,3-Dichloropropene	250	U	250	35	ug/L			11/07/13 19:33	250
trans-1,3-Dichloropropene	250	U	250	48	ug/L			11/07/13 19:33	250
Ethylbenzene	250	U	250	43	ug/L			11/07/13 19:33	250
2-Hexanone	2500	U	2500	100	ug/L			11/07/13 19:33	250
Methylene Chloride	250	U	250	83	ug/L			11/07/13 19:33	250
4-Methyl-2-pentanone (MIBK)	2500	U	2500	80	ug/L			11/07/13 19:33	250
Styrene	250	U	250	28	ug/L			11/07/13 19:33	250
1,1,1,2-Tetrachloroethane	250	U	250	45	ug/L			11/07/13 19:33	250
Tetrachloroethene	250	U	250	73	ug/L			11/07/13 19:33	250
Toluene	250	U	250	33	ug/L			11/07/13 19:33	250
Trichloroethene	250	U	250	43	ug/L			11/07/13 19:33	250
<b>Vinyl chloride</b>	<b>220</b>	<b>J</b>	250	55	ug/L			11/07/13 19:33	250
Xylenes, Total	500	U	500	35	ug/L			11/07/13 19:33	250
1,1,1-Trichloroethane	250	U	250	55	ug/L			11/07/13 19:33	250
1,1,2-Trichloroethane	250	U	250	68	ug/L			11/07/13 19:33	250
Cyclohexane	250	U	250	30	ug/L			11/07/13 19:33	250
1,2-Dibromo-3-Chloropropane	500	U	500	170	ug/L			11/07/13 19:33	250
Ethylene Dibromide	250	U	250	60	ug/L			11/07/13 19:33	250

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102513-SM-030**

**Date Collected: 10/25/13 11:07**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	250	U	250	78	ug/L			11/07/13 19:33	250
<b>cis-1,2-Dichloroethene</b>	<b>6100</b>		250	43	ug/L			11/07/13 19:33	250
trans-1,2-Dichloroethene	250	U	250	48	ug/L			11/07/13 19:33	250
Isopropylbenzene	250	U	250	33	ug/L			11/07/13 19:33	250
Methyl acetate	2500	U	2500	95	ug/L			11/07/13 19:33	250
Methyl tert-butyl ether	250	U	250	43	ug/L			11/07/13 19:33	250
1,1,2-Trichloro-1,2,2-trifluoroethane	250	U	250	70	ug/L			11/07/13 19:33	250
1,2,4-Trichlorobenzene	250	U	250	38	ug/L			11/07/13 19:33	250
1,2-Dichlorobenzene	250	U	250	33	ug/L			11/07/13 19:33	250
1,3-Dichlorobenzene	250	U	250	35	ug/L			11/07/13 19:33	250
1,4-Dichlorobenzene	250	U	250	33	ug/L			11/07/13 19:33	250
Trichlorofluoromethane	250	U	250	53	ug/L			11/07/13 19:33	250
Chlorodibromomethane	250	U	250	45	ug/L			11/07/13 19:33	250
Methylcyclohexane	250	U	250	33	ug/L			11/07/13 19:33	250
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	99		63 - 129					11/07/13 19:33	250
<i>4-Bromofluorobenzene (Surr)</i>	68		66 - 117					11/07/13 19:33	250
<i>Toluene-d8 (Surr)</i>	79		74 - 115					11/07/13 19:33	250
<i>Dibromofluoromethane (Surr)</i>	101		75 - 121					11/07/13 19:33	250

**Client Sample ID: GW-102513-SM-031**

**Date Collected: 10/25/13 11:10**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2000	U	2000	220	ug/L			11/08/13 14:30	200
Benzene	200	U	200	26	ug/L			11/08/13 14:30	200
Dichlorobromomethane	200	U	200	30	ug/L			11/08/13 14:30	200
Bromoform	200	U	200	130	ug/L			11/08/13 14:30	200
Bromomethane	200	U	200	82	ug/L			11/08/13 14:30	200
2-Butanone (MEK)	2000	U	2000	110	ug/L			11/08/13 14:30	200
Carbon disulfide	200	U	200	26	ug/L			11/08/13 14:30	200
Carbon tetrachloride	200	U	200	26	ug/L			11/08/13 14:30	200
Chlorobenzene	200	U	200	30	ug/L			11/08/13 14:30	200
Chloroethane	200	U	200	58	ug/L			11/08/13 14:30	200
Chloroform	200	U	200	32	ug/L			11/08/13 14:30	200
Chloromethane	200	U	200	60	ug/L			11/08/13 14:30	200
<b>1,1-Dichloroethane</b>	<b>60</b>	<b>J</b>	200	30	ug/L			11/08/13 14:30	200
1,2-Dichloroethane	200	U	200	44	ug/L			11/08/13 14:30	200
1,1-Dichloroethene	200	U	200	38	ug/L			11/08/13 14:30	200
1,2-Dichloropropane	200	U	200	36	ug/L			11/08/13 14:30	200
cis-1,3-Dichloropropene	200	U	200	28	ug/L			11/08/13 14:30	200
trans-1,3-Dichloropropene	200	U	200	38	ug/L			11/08/13 14:30	200
Ethylbenzene	200	U	200	34	ug/L			11/08/13 14:30	200
2-Hexanone	2000	U	2000	82	ug/L			11/08/13 14:30	200
Methylene Chloride	200	U	200	66	ug/L			11/08/13 14:30	200
4-Methyl-2-pentanone (MIBK)	2000	U	2000	64	ug/L			11/08/13 14:30	200
Styrene	200	U	200	22	ug/L			11/08/13 14:30	200
1,1,1,2,2-Tetrachloroethane	200	U	200	36	ug/L			11/08/13 14:30	200
Tetrachloroethene	200	U	200	58	ug/L			11/08/13 14:30	200

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102513-SM-031**

**Date Collected: 10/25/13 11:10**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	200	U	200	26	ug/L			11/08/13 14:30	200
Trichloroethene	200	U	200	34	ug/L			11/08/13 14:30	200
<b>Vinyl chloride</b>	<b>250</b>		200	44	ug/L			11/08/13 14:30	200
Xylenes, Total	400	U	400	28	ug/L			11/08/13 14:30	200
1,1,1-Trichloroethane	200	U	200	44	ug/L			11/08/13 14:30	200
1,1,2-Trichloroethane	200	U	200	54	ug/L			11/08/13 14:30	200
Cyclohexane	200	U	200	24	ug/L			11/08/13 14:30	200
1,2-Dibromo-3-Chloropropane	400	U	400	130	ug/L			11/08/13 14:30	200
Ethylene Dibromide	200	U	200	48	ug/L			11/08/13 14:30	200
Dichlorodifluoromethane	200	U	200	62	ug/L			11/08/13 14:30	200
<b>cis-1,2-Dichloroethene</b>	<b>5000</b>		200	34	ug/L			11/08/13 14:30	200
trans-1,2-Dichloroethene	200	U	200	38	ug/L			11/08/13 14:30	200
Isopropylbenzene	200	U	200	26	ug/L			11/08/13 14:30	200
Methyl acetate	2000	U	2000	76	ug/L			11/08/13 14:30	200
Methyl tert-butyl ether	200	U	200	34	ug/L			11/08/13 14:30	200
1,1,2-Trichloro-1,2,2-trifluoroethane	200	U	200	56	ug/L			11/08/13 14:30	200
1,2,4-Trichlorobenzene	200	U	200	30	ug/L			11/08/13 14:30	200
1,2-Dichlorobenzene	200	U	200	26	ug/L			11/08/13 14:30	200
1,3-Dichlorobenzene	200	U	200	28	ug/L			11/08/13 14:30	200
1,4-Dichlorobenzene	200	U	200	26	ug/L			11/08/13 14:30	200
Trichlorofluoromethane	200	U	200	42	ug/L			11/08/13 14:30	200
Chlorodibromomethane	200	U	200	36	ug/L			11/08/13 14:30	200
Methylcyclohexane	200	U	200	26	ug/L			11/08/13 14:30	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		63 - 129		11/08/13 14:30	200
4-Bromofluorobenzene (Surr)	83		66 - 117		11/08/13 14:30	200
Toluene-d8 (Surr)	87		74 - 115		11/08/13 14:30	200
Dibromofluoromethane (Surr)	111		75 - 121		11/08/13 14:30	200

**Client Sample ID: RB-102513-SM-032**

**Date Collected: 10/25/13 11:15**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.9</b>	<b>J</b>	10	1.1	ug/L			11/08/13 13:44	1
Benzene	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1
<b>Dichlorobromomethane</b>	<b>2.7</b>		1.0	0.15	ug/L			11/08/13 13:44	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/08/13 13:44	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/08/13 13:44	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/08/13 13:44	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 13:44	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/08/13 13:44	1
<b>Chloroform</b>	<b>18</b>		1.0	0.16	ug/L			11/08/13 13:44	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/08/13 13:44	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/08/13 13:44	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 13:44	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 13:44	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/08/13 13:44	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-102513-SM-032**

**Date Collected: 10/25/13 11:15**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/08/13 13:44	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/08/13 13:44	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/08/13 13:44	1
2-Hexanone	10	U	10	0.41	ug/L			11/08/13 13:44	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/08/13 13:44	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/08/13 13:44	1
Styrene	1.0	U	1.0	0.11	ug/L			11/08/13 13:44	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/08/13 13:44	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/08/13 13:44	1
<b>Toluene</b>	<b>0.18</b>	<b>J</b>	1.0	0.13	ug/L			11/08/13 13:44	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 13:44	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/08/13 13:44	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/08/13 13:44	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 13:44	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/08/13 13:44	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/08/13 13:44	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/08/13 13:44	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/08/13 13:44	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/08/13 13:44	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 13:44	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 13:44	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1
Methyl acetate	10	U	10	0.38	ug/L			11/08/13 13:44	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/08/13 13:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/08/13 13:44	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 13:44	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/08/13 13:44	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/08/13 13:44	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/08/13 13:44	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/08/13 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		63 - 129		11/08/13 13:44	1
4-Bromofluorobenzene (Surr)	87		66 - 117		11/08/13 13:44	1
Toluene-d8 (Surr)	90		74 - 115		11/08/13 13:44	1
Dibromofluoromethane (Surr)	110		75 - 121		11/08/13 13:44	1

**Client Sample ID: GW-102513-SM-033**

**Date Collected: 10/25/13 12:17**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>760</b>	<b>J B</b>	2000	220	ug/L			11/07/13 18:22	200
Benzene	200	U	200	26	ug/L			11/07/13 18:22	200
Dichlorobromomethane	200	U	200	30	ug/L			11/07/13 18:22	200
Bromoform	200	U	200	130	ug/L			11/07/13 18:22	200
Bromomethane	200	U	200	82	ug/L			11/07/13 18:22	200
2-Butanone (MEK)	2000	U	2000	110	ug/L			11/07/13 18:22	200
Carbon disulfide	200	U	200	26	ug/L			11/07/13 18:22	200

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102513-SM-033**

**Date Collected: 10/25/13 12:17**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	200	U	200	26	ug/L			11/07/13 18:22	200
Chlorobenzene	200	U	200	30	ug/L			11/07/13 18:22	200
Chloroethane	200	U	200	58	ug/L			11/07/13 18:22	200
Chloroform	200	U	200	32	ug/L			11/07/13 18:22	200
Chloromethane	200	U	200	60	ug/L			11/07/13 18:22	200
<b>1,1-Dichloroethane</b>	<b>84</b>	<b>J</b>	200	30	ug/L			11/07/13 18:22	200
1,2-Dichloroethane	200	U	200	44	ug/L			11/07/13 18:22	200
<b>1,1-Dichloroethene</b>	<b>46</b>	<b>J</b>	200	38	ug/L			11/07/13 18:22	200
1,2-Dichloropropane	200	U	200	36	ug/L			11/07/13 18:22	200
cis-1,3-Dichloropropene	200	U	200	28	ug/L			11/07/13 18:22	200
trans-1,3-Dichloropropene	200	U	200	38	ug/L			11/07/13 18:22	200
Ethylbenzene	200	U	200	34	ug/L			11/07/13 18:22	200
2-Hexanone	2000	U	2000	82	ug/L			11/07/13 18:22	200
Methylene Chloride	200	U	200	66	ug/L			11/07/13 18:22	200
4-Methyl-2-pentanone (MIBK)	2000	U	2000	64	ug/L			11/07/13 18:22	200
Styrene	200	U	200	22	ug/L			11/07/13 18:22	200
1,1,1,2-Tetrachloroethane	200	U	200	36	ug/L			11/07/13 18:22	200
Tetrachloroethene	200	U	200	58	ug/L			11/07/13 18:22	200
Toluene	200	U	200	26	ug/L			11/07/13 18:22	200
Trichloroethene	200	U	200	34	ug/L			11/07/13 18:22	200
<b>Vinyl chloride</b>	<b>120</b>	<b>J</b>	200	44	ug/L			11/07/13 18:22	200
Xylenes, Total	400	U	400	28	ug/L			11/07/13 18:22	200
1,1,1-Trichloroethane	200	U	200	44	ug/L			11/07/13 18:22	200
1,1,2-Trichloroethane	200	U	200	54	ug/L			11/07/13 18:22	200
Cyclohexane	200	U	200	24	ug/L			11/07/13 18:22	200
1,2-Dibromo-3-Chloropropane	400	U	400	130	ug/L			11/07/13 18:22	200
Ethylene Dibromide	200	U	200	48	ug/L			11/07/13 18:22	200
Dichlorodifluoromethane	200	U	200	62	ug/L			11/07/13 18:22	200
<b>cis-1,2-Dichloroethene</b>	<b>5200</b>		200	34	ug/L			11/07/13 18:22	200
<b>trans-1,2-Dichloroethene</b>	<b>270</b>		200	38	ug/L			11/07/13 18:22	200
Isopropylbenzene	200	U	200	26	ug/L			11/07/13 18:22	200
Methyl acetate	2000	U	2000	76	ug/L			11/07/13 18:22	200
Methyl tert-butyl ether	200	U	200	34	ug/L			11/07/13 18:22	200
1,1,2-Trichloro-1,2,2-trifluoroethane	200	U	200	56	ug/L			11/07/13 18:22	200
1,2,4-Trichlorobenzene	200	U	200	30	ug/L			11/07/13 18:22	200
1,2-Dichlorobenzene	200	U	200	26	ug/L			11/07/13 18:22	200
1,3-Dichlorobenzene	200	U	200	28	ug/L			11/07/13 18:22	200
1,4-Dichlorobenzene	200	U	200	26	ug/L			11/07/13 18:22	200
Trichlorofluoromethane	200	U	200	42	ug/L			11/07/13 18:22	200
Chlorodibromomethane	200	U	200	36	ug/L			11/07/13 18:22	200
Methylcyclohexane	200	U	200	26	ug/L			11/07/13 18:22	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		11/07/13 18:22	200
4-Bromofluorobenzene (Surr)	69		66 - 117		11/07/13 18:22	200
Toluene-d8 (Surr)	81		74 - 115		11/07/13 18:22	200
Dibromofluoromethane (Surr)	101		75 - 121		11/07/13 18:22	200

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102513-SM-034**

**Date Collected: 10/25/13 13:05**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1400</b>	<b>J B</b>	3300	370	ug/L			11/07/13 19:56	333.33
Benzene	330	U	330	43	ug/L			11/07/13 19:56	333.33
Dichlorobromomethane	330	U	330	50	ug/L			11/07/13 19:56	333.33
Bromoform	330	U	330	210	ug/L			11/07/13 19:56	333.33
Bromomethane	330	U	330	140	ug/L			11/07/13 19:56	333.33
2-Butanone (MEK)	3300	U	3300	190	ug/L			11/07/13 19:56	333.33
Carbon disulfide	330	U	330	43	ug/L			11/07/13 19:56	333.33
Carbon tetrachloride	330	U	330	43	ug/L			11/07/13 19:56	333.33
Chlorobenzene	330	U	330	50	ug/L			11/07/13 19:56	333.33
Chloroethane	330	U	330	97	ug/L			11/07/13 19:56	333.33
Chloroform	330	U	330	53	ug/L			11/07/13 19:56	333.33
Chloromethane	330	U	330	100	ug/L			11/07/13 19:56	333.33
1,1-Dichloroethane	330	U	330	50	ug/L			11/07/13 19:56	333.33
1,2-Dichloroethane	330	U	330	73	ug/L			11/07/13 19:56	333.33
1,1-Dichloroethene	330	U	330	63	ug/L			11/07/13 19:56	333.33
1,2-Dichloropropane	330	U	330	60	ug/L			11/07/13 19:56	333.33
cis-1,3-Dichloropropene	330	U	330	47	ug/L			11/07/13 19:56	333.33
trans-1,3-Dichloropropene	330	U	330	63	ug/L			11/07/13 19:56	333.33
Ethylbenzene	330	U	330	57	ug/L			11/07/13 19:56	333.33
2-Hexanone	3300	U	3300	140	ug/L			11/07/13 19:56	333.33
Methylene Chloride	330	U	330	110	ug/L			11/07/13 19:56	333.33
4-Methyl-2-pentanone (MIBK)	3300	U	3300	110	ug/L			11/07/13 19:56	333.33
Styrene	330	U	330	37	ug/L			11/07/13 19:56	333.33
1,1,2,2-Tetrachloroethane	330	U	330	60	ug/L			11/07/13 19:56	333.33
Tetrachloroethene	330	U	330	97	ug/L			11/07/13 19:56	333.33
Toluene	330	U	330	43	ug/L			11/07/13 19:56	333.33
Trichloroethene	330	U	330	57	ug/L			11/07/13 19:56	333.33
<b>Vinyl chloride</b>	<b>550</b>		330	73	ug/L			11/07/13 19:56	333.33
Xylenes, Total	670	U	670	47	ug/L			11/07/13 19:56	333.33
1,1,1-Trichloroethane	330	U	330	73	ug/L			11/07/13 19:56	333.33
1,1,2-Trichloroethane	330	U	330	90	ug/L			11/07/13 19:56	333.33
Cyclohexane	330	U	330	40	ug/L			11/07/13 19:56	333.33
1,2-Dibromo-3-Chloropropane	670	U	670	220	ug/L			11/07/13 19:56	333.33
Ethylene Dibromide	330	U	330	80	ug/L			11/07/13 19:56	333.33
Dichlorodifluoromethane	330	U	330	100	ug/L			11/07/13 19:56	333.33
<b>cis-1,2-Dichloroethene</b>	<b>7200</b>		330	57	ug/L			11/07/13 19:56	333.33
<b>trans-1,2-Dichloroethene</b>	<b>160</b>	<b>J</b>	330	63	ug/L			11/07/13 19:56	333.33
Isopropylbenzene	330	U	330	43	ug/L			11/07/13 19:56	333.33
Methyl acetate	3300	U	3300	130	ug/L			11/07/13 19:56	333.33
Methyl tert-butyl ether	330	U	330	57	ug/L			11/07/13 19:56	333.33
1,1,2-Trichloro-1,2,2-trifluoroethane	330	U	330	93	ug/L			11/07/13 19:56	333.33
1,2,4-Trichlorobenzene	330	U	330	50	ug/L			11/07/13 19:56	333.33
1,2-Dichlorobenzene	330	U	330	43	ug/L			11/07/13 19:56	333.33
1,3-Dichlorobenzene	330	U	330	47	ug/L			11/07/13 19:56	333.33
1,4-Dichlorobenzene	330	U	330	43	ug/L			11/07/13 19:56	333.33
Trichlorofluoromethane	330	U	330	70	ug/L			11/07/13 19:56	333.33
Chlorodibromomethane	330	U	330	60	ug/L			11/07/13 19:56	333.33
Methylcyclohexane	330	U	330	43	ug/L			11/07/13 19:56	333.33

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		63 - 129		11/07/13 19:56	333.33
4-Bromofluorobenzene (Surr)	68		66 - 117		11/07/13 19:56	333.33
Toluene-d8 (Surr)	80		74 - 115		11/07/13 19:56	333.33
Dibromofluoromethane (Surr)	99		75 - 121		11/07/13 19:56	333.33

Client Sample ID: GW-102513-SM-035

Lab Sample ID: 240-30776-8

Date Collected: 10/25/13 14:00

Matrix: Water

Date Received: 10/29/13 09:10

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/07/13 20:19	1
Benzene	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/07/13 20:19	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/07/13 20:19	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/07/13 20:19	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/07/13 20:19	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/07/13 20:19	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/07/13 20:19	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/07/13 20:19	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/07/13 20:19	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/07/13 20:19	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/07/13 20:19	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/07/13 20:19	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/07/13 20:19	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/07/13 20:19	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/07/13 20:19	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/07/13 20:19	1
2-Hexanone	10	U	10	0.41	ug/L			11/07/13 20:19	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/07/13 20:19	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/07/13 20:19	1
Styrene	1.0	U	1.0	0.11	ug/L			11/07/13 20:19	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/07/13 20:19	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/07/13 20:19	1
Toluene	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/07/13 20:19	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/07/13 20:19	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/07/13 20:19	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/07/13 20:19	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/07/13 20:19	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/07/13 20:19	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/07/13 20:19	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/07/13 20:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/07/13 20:19	1
<b>cis-1,2-Dichloroethene</b>	<b>1.1</b>		1.0	0.17	ug/L			11/07/13 20:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/07/13 20:19	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
Methyl acetate	10	U	10	0.38	ug/L			11/07/13 20:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/07/13 20:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/07/13 20:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/07/13 20:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102513-SM-035**

**Date Collected: 10/25/13 14:00**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/07/13 20:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/07/13 20:19	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/07/13 20:19	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/07/13 20:19	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	110		63 - 129					11/07/13 20:19	1
4-Bromofluorobenzene (Surr)	73		66 - 117					11/07/13 20:19	1
Toluene-d8 (Surr)	84		74 - 115					11/07/13 20:19	1
Dibromofluoromethane (Surr)	113		75 - 121					11/07/13 20:19	1

**Client Sample ID: GW-102813-SM-036**

**Date Collected: 10/28/13 10:45**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>67</b>	<b>J B</b>	500	55	ug/L			11/08/13 13:49	50
Benzene	50	U	50	6.5	ug/L			11/08/13 13:49	50
Dichlorobromomethane	50	U	50	7.5	ug/L			11/08/13 13:49	50
Bromoform	50	U	50	32	ug/L			11/08/13 13:49	50
Bromomethane	50	U	50	21	ug/L			11/08/13 13:49	50
2-Butanone (MEK)	500	U	500	29	ug/L			11/08/13 13:49	50
Carbon disulfide	50	U	50	6.5	ug/L			11/08/13 13:49	50
Carbon tetrachloride	50	U	50	6.5	ug/L			11/08/13 13:49	50
Chlorobenzene	50	U	50	7.5	ug/L			11/08/13 13:49	50
Chloroethane	50	U	50	15	ug/L			11/08/13 13:49	50
Chloroform	50	U	50	8.0	ug/L			11/08/13 13:49	50
Chloromethane	50	U	50	15	ug/L			11/08/13 13:49	50
1,1-Dichloroethane	50	U	50	7.5	ug/L			11/08/13 13:49	50
1,2-Dichloroethane	50	U	50	11	ug/L			11/08/13 13:49	50
1,1-Dichloroethene	50	U	50	9.5	ug/L			11/08/13 13:49	50
1,2-Dichloropropane	50	U	50	9.0	ug/L			11/08/13 13:49	50
cis-1,3-Dichloropropene	50	U	50	7.0	ug/L			11/08/13 13:49	50
trans-1,3-Dichloropropene	50	U	50	9.5	ug/L			11/08/13 13:49	50
Ethylbenzene	50	U	50	8.5	ug/L			11/08/13 13:49	50
2-Hexanone	500	U	500	21	ug/L			11/08/13 13:49	50
Methylene Chloride	50	U	50	17	ug/L			11/08/13 13:49	50
4-Methyl-2-pentanone (MIBK)	500	U	500	16	ug/L			11/08/13 13:49	50
Styrene	50	U	50	5.5	ug/L			11/08/13 13:49	50
1,1,1,2-Tetrachloroethane	50	U	50	9.0	ug/L			11/08/13 13:49	50
Tetrachloroethene	50	U *	50	15	ug/L			11/08/13 13:49	50
Toluene	50	U	50	6.5	ug/L			11/08/13 13:49	50
Trichloroethene	50	U	50	8.5	ug/L			11/08/13 13:49	50
<b>Vinyl chloride</b>	<b>160</b>		50	11	ug/L			11/08/13 13:49	50
Xylenes, Total	100	U	100	7.0	ug/L			11/08/13 13:49	50
1,1,1-Trichloroethane	50	U	50	11	ug/L			11/08/13 13:49	50
1,1,2-Trichloroethane	50	U	50	14	ug/L			11/08/13 13:49	50
Cyclohexane	50	U	50	6.0	ug/L			11/08/13 13:49	50
1,2-Dibromo-3-Chloropropane	100	U	100	34	ug/L			11/08/13 13:49	50
Ethylene Dibromide	50	U	50	12	ug/L			11/08/13 13:49	50

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102813-SM-036**

**Date Collected: 10/28/13 10:45**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	50	U	50	16	ug/L			11/08/13 13:49	50
<b>cis-1,2-Dichloroethene</b>	<b>2600</b>		50	8.5	ug/L			11/08/13 13:49	50
<b>trans-1,2-Dichloroethene</b>	<b>110</b>		50	9.5	ug/L			11/08/13 13:49	50
Isopropylbenzene	50	U	50	6.5	ug/L			11/08/13 13:49	50
Methyl acetate	500	U	500	19	ug/L			11/08/13 13:49	50
Methyl tert-butyl ether	50	U	50	8.5	ug/L			11/08/13 13:49	50
1,1,2-Trichloro-1,2,2-trifluoroethane	50	U	50	14	ug/L			11/08/13 13:49	50
1,2,4-Trichlorobenzene	50	U	50	7.5	ug/L			11/08/13 13:49	50
1,2-Dichlorobenzene	50	U	50	6.5	ug/L			11/08/13 13:49	50
1,3-Dichlorobenzene	50	U	50	7.0	ug/L			11/08/13 13:49	50
1,4-Dichlorobenzene	50	U	50	6.5	ug/L			11/08/13 13:49	50
Trichlorofluoromethane	50	U	50	11	ug/L			11/08/13 13:49	50
Chlorodibromomethane	50	U	50	9.0	ug/L			11/08/13 13:49	50
Methylcyclohexane	50	U	50	6.5	ug/L			11/08/13 13:49	50
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	84		63 - 129					11/08/13 13:49	50
<i>4-Bromofluorobenzene (Surr)</i>	86		66 - 117					11/08/13 13:49	50
<i>Toluene-d8 (Surr)</i>	93		74 - 115					11/08/13 13:49	50
<i>Dibromofluoromethane (Surr)</i>	89		75 - 121					11/08/13 13:49	50

**Client Sample ID: GW-102813-SM-037**

**Date Collected: 10/28/13 11:45**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>1.8</b>	<b>J B</b>	10	1.1	ug/L			11/08/13 19:45	1
Benzene	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/08/13 19:45	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/08/13 19:45	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/08/13 19:45	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/08/13 19:45	1
<b>Carbon disulfide</b>	<b>0.42</b>	<b>J</b>	1.0	0.13	ug/L			11/08/13 19:45	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 19:45	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/08/13 19:45	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/08/13 19:45	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/08/13 19:45	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/08/13 19:45	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 19:45	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 19:45	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/08/13 19:45	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/08/13 19:45	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/08/13 19:45	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/08/13 19:45	1
2-Hexanone	10	U	10	0.41	ug/L			11/08/13 19:45	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/08/13 19:45	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/08/13 19:45	1
Styrene	1.0	U	1.0	0.11	ug/L			11/08/13 19:45	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/08/13 19:45	1
Tetrachloroethene	1.0	U *	1.0	0.29	ug/L			11/08/13 19:45	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102813-SM-037**

**Date Collected: 10/28/13 11:45**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 19:45	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/08/13 19:45	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/08/13 19:45	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 19:45	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/08/13 19:45	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/08/13 19:45	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/08/13 19:45	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/08/13 19:45	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/08/13 19:45	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 19:45	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 19:45	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1
Methyl acetate	10	U	10	0.38	ug/L			11/08/13 19:45	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/08/13 19:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/08/13 19:45	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 19:45	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/08/13 19:45	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/08/13 19:45	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/08/13 19:45	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/08/13 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129		11/08/13 19:45	1
4-Bromofluorobenzene (Surr)	89		66 - 117		11/08/13 19:45	1
Toluene-d8 (Surr)	97		74 - 115		11/08/13 19:45	1
Dibromofluoromethane (Surr)	93		75 - 121		11/08/13 19:45	1

**Client Sample ID: TB-102813-SM-038**

**Date Collected: 10/28/13 14:30**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>7.0</b>	<b>J B</b>	10	1.1	ug/L			11/08/13 20:07	1
Benzene	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/08/13 20:07	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/08/13 20:07	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/08/13 20:07	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/08/13 20:07	1
<b>Carbon disulfide</b>	<b>1.6</b>		1.0	0.13	ug/L			11/08/13 20:07	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 20:07	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/08/13 20:07	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/08/13 20:07	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/08/13 20:07	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/08/13 20:07	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 20:07	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 20:07	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/08/13 20:07	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB-102813-SM-038**

**Date Collected: 10/28/13 14:30**

**Date Received: 10/29/13 09:10**

**Lab Sample ID: 240-30776-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/08/13 20:07	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/08/13 20:07	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/08/13 20:07	1
2-Hexanone	10	U	10	0.41	ug/L			11/08/13 20:07	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/08/13 20:07	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/08/13 20:07	1
Styrene	1.0	U	1.0	0.11	ug/L			11/08/13 20:07	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/08/13 20:07	1
Tetrachloroethene	1.0	U *	1.0	0.29	ug/L			11/08/13 20:07	1
Toluene	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 20:07	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/08/13 20:07	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/08/13 20:07	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 20:07	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/08/13 20:07	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/08/13 20:07	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/08/13 20:07	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/08/13 20:07	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/08/13 20:07	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 20:07	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 20:07	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1
Methyl acetate	10	U	10	0.38	ug/L			11/08/13 20:07	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/08/13 20:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/08/13 20:07	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 20:07	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/08/13 20:07	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/08/13 20:07	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/08/13 20:07	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/08/13 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		63 - 129		11/08/13 20:07	1
4-Bromofluorobenzene (Surr)	91		66 - 117		11/08/13 20:07	1
Toluene-d8 (Surr)	100		74 - 115		11/08/13 20:07	1
Dibromofluoromethane (Surr)	96		75 - 121		11/08/13 20:07	1

TestAmerica Canton

# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-30776-1	GW-102513-SM-028	113	84	92	107
240-30776-2	GW-102513-SM-029	98	70	80	104
240-30776-3	GW-102513-SM-030	99	68	79	101
240-30776-4	GW-102513-SM-031	111	83	87	111
240-30776-5	RB-102513-SM-032	115	87	90	110
240-30776-6	GW-102513-SM-033	91	69	81	101
240-30776-7	GW-102513-SM-034	96	68	80	99
240-30776-8	GW-102513-SM-035	110	73	84	113
240-30776-9	GW-102813-SM-036	84	86	93	89
240-30776-10	GW-102813-SM-037	91	89	97	93
240-30776-11	TB-102813-SM-038	93	91	100	96
LCS 240-108810/4	Lab Control Sample	86	93	90	90
LCS 240-108984/4	Lab Control Sample	94	97	101	93
LCS 240-109004/4	Lab Control Sample	87	94	100	93
MB 240-108810/6	Method Blank	97	70	82	98
MB 240-108984/5	Method Blank	110	84	86	108
MB 240-109004/5	Method Blank	87	88	93	90

### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-108810/6**

**Matrix: Water**

**Analysis Batch: 108810**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.30	J	10	1.1	ug/L			11/07/13 12:29	1
Benzene	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/07/13 12:29	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/07/13 12:29	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/07/13 12:29	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/07/13 12:29	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/07/13 12:29	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/07/13 12:29	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/07/13 12:29	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/07/13 12:29	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/07/13 12:29	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/07/13 12:29	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/07/13 12:29	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/07/13 12:29	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/07/13 12:29	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/07/13 12:29	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/07/13 12:29	1
2-Hexanone	10	U	10	0.41	ug/L			11/07/13 12:29	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/07/13 12:29	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/07/13 12:29	1
Styrene	1.0	U	1.0	0.11	ug/L			11/07/13 12:29	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/07/13 12:29	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/07/13 12:29	1
Toluene	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/07/13 12:29	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/07/13 12:29	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/07/13 12:29	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/07/13 12:29	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/07/13 12:29	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/07/13 12:29	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/07/13 12:29	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/07/13 12:29	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/07/13 12:29	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/07/13 12:29	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/07/13 12:29	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
Methyl acetate	10	U	10	0.38	ug/L			11/07/13 12:29	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/07/13 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/07/13 12:29	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/07/13 12:29	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/07/13 12:29	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/07/13 12:29	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/07/13 12:29	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/07/13 12:29	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-108810/6

Matrix: Water

Analysis Batch: 108810

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	97		63 - 129		11/07/13 12:29	1
4-Bromofluorobenzene (Surr)	70		66 - 117		11/07/13 12:29	1
Toluene-d8 (Surr)	82		74 - 115		11/07/13 12:29	1
Dibromofluoromethane (Surr)	98		75 - 121		11/07/13 12:29	1

Lab Sample ID: LCS 240-108810/4

Matrix: Water

Analysis Batch: 108810

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	20.0	24.7		ug/L		124	43 - 136
Benzene	10.0	10.5		ug/L		105	83 - 112
Dichlorobromomethane	10.0	9.80		ug/L		98	72 - 121
Bromoform	10.0	9.14		ug/L		91	40 - 131
Bromomethane	10.0	8.59		ug/L		86	11 - 185
2-Butanone (MEK)	20.0	18.9		ug/L		95	60 - 126
Carbon disulfide	10.0	13.9		ug/L		139	62 - 142
Carbon tetrachloride	10.0	10.9		ug/L		109	66 - 128
Chlorobenzene	10.0	9.58		ug/L		96	85 - 110
Chloroethane	10.0	6.43		ug/L		64	25 - 153
Chloroform	10.0	10.3		ug/L		103	79 - 117
Chloromethane	10.0	8.44		ug/L		84	44 - 126
1,1-Dichloroethane	10.0	10.7		ug/L		107	82 - 115
1,2-Dichloroethane	10.0	10.1		ug/L		101	71 - 127
1,1-Dichloroethene	10.0	11.5		ug/L		115	78 - 131
1,2-Dichloropropane	10.0	10.2		ug/L		102	81 - 115
cis-1,3-Dichloropropene	10.0	10.5		ug/L		105	61 - 115
trans-1,3-Dichloropropene	10.0	9.63		ug/L		96	58 - 117
Ethylbenzene	10.0	9.28		ug/L		93	83 - 112
2-Hexanone	20.0	16.3		ug/L		82	55 - 133
Methylene Chloride	10.0	11.1		ug/L		111	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	16.4		ug/L		82	63 - 128
Styrene	10.0	8.78		ug/L		88	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.89		ug/L		89	68 - 118
Tetrachloroethene	10.0	9.84		ug/L		98	79 - 114
Toluene	10.0	10.0		ug/L		100	84 - 111
Trichloroethene	10.0	10.2		ug/L		102	76 - 117
Vinyl chloride	10.0	8.98		ug/L		90	53 - 127
Xylenes, Total	20.0	19.8		ug/L		99	83 - 112
1,1,1-Trichloroethane	10.0	10.7		ug/L		107	74 - 118
1,1,2-Trichloroethane	10.0	9.24		ug/L		92	80 - 112
Cyclohexane	10.0	11.6		ug/L		116	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	8.67		ug/L		87	42 - 136
Ethylene Dibromide	10.0	9.44		ug/L		94	79 - 113
Dichlorodifluoromethane	10.0	8.87		ug/L		89	19 - 129
cis-1,2-Dichloroethene	10.0	10.3		ug/L		103	80 - 113
trans-1,2-Dichloroethene	10.0	11.2		ug/L		112	83 - 117
Isopropylbenzene	10.0	8.82		ug/L		88	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108810/4**

**Matrix: Water**

**Analysis Batch: 108810**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	50.0	48.5		ug/L		97	58 - 131
Methyl tert-butyl ether	10.0	9.75		ug/L		97	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.4		ug/L		114	74 - 151
1,2,4-Trichlorobenzene	10.0	7.85		ug/L		78	48 - 135
1,2-Dichlorobenzene	10.0	9.31		ug/L		93	81 - 110
1,3-Dichlorobenzene	10.0	9.62		ug/L		96	80 - 110
1,4-Dichlorobenzene	10.0	9.62		ug/L		96	82 - 110
Trichlorofluoromethane	10.0	11.1		ug/L		111	49 - 157
Chlorodibromomethane	10.0	9.58		ug/L		96	64 - 119
Methylcyclohexane	10.0	10.9		ug/L		109	56 - 127
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	83 - 113
o-Xylene	10.0	9.26		ug/L		93	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	86		63 - 129
4-Bromofluorobenzene (Surr)	93		66 - 117
Toluene-d8 (Surr)	90		74 - 115
Dibromofluoromethane (Surr)	90		75 - 121

**Lab Sample ID: MB 240-108984/5**

**Matrix: Water**

**Analysis Batch: 108984**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/08/13 11:51	1
Benzene	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/08/13 11:51	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/08/13 11:51	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/08/13 11:51	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/08/13 11:51	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 11:51	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/08/13 11:51	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/08/13 11:51	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/08/13 11:51	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/08/13 11:51	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 11:51	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 11:51	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/08/13 11:51	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/08/13 11:51	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/08/13 11:51	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/08/13 11:51	1
2-Hexanone	10	U	10	0.41	ug/L			11/08/13 11:51	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/08/13 11:51	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/08/13 11:51	1
Styrene	1.0	U	1.0	0.11	ug/L			11/08/13 11:51	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-108984/5**

**Matrix: Water**

**Analysis Batch: 108984**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/08/13 11:51	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/08/13 11:51	1
Toluene	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 11:51	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/08/13 11:51	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/08/13 11:51	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 11:51	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/08/13 11:51	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/08/13 11:51	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/08/13 11:51	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/08/13 11:51	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/08/13 11:51	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 11:51	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 11:51	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
Methyl acetate	10	U	10	0.38	ug/L			11/08/13 11:51	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/08/13 11:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/08/13 11:51	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 11:51	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/08/13 11:51	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/08/13 11:51	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/08/13 11:51	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/08/13 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		63 - 129		11/08/13 11:51	1
4-Bromofluorobenzene (Surr)	84		66 - 117		11/08/13 11:51	1
Toluene-d8 (Surr)	86		74 - 115		11/08/13 11:51	1
Dibromofluoromethane (Surr)	108		75 - 121		11/08/13 11:51	1

**Lab Sample ID: LCS 240-108984/4**

**Matrix: Water**

**Analysis Batch: 108984**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	20.0	19.3		ug/L		97	43 - 136
Benzene	10.0	10.4		ug/L		104	83 - 112
Dichlorobromomethane	10.0	10.2		ug/L		102	72 - 121
Bromoform	10.0	8.17		ug/L		82	40 - 131
Bromomethane	10.0	10.9		ug/L		109	11 - 185
2-Butanone (MEK)	20.0	18.4		ug/L		92	60 - 126
Carbon disulfide	10.0	10.2		ug/L		102	62 - 142
Carbon tetrachloride	10.0	9.67		ug/L		97	66 - 128
Chlorobenzene	10.0	9.83		ug/L		98	85 - 110
Chloroethane	10.0	9.73		ug/L		97	25 - 153
Chloroform	10.0	9.46		ug/L		95	79 - 117

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-108984/4**

**Matrix: Water**

**Analysis Batch: 108984**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	10.0	10.5		ug/L		105	44 - 126
1,1-Dichloroethane	10.0	10.4		ug/L		104	82 - 115
1,2-Dichloroethane	10.0	9.27		ug/L		93	71 - 127
1,1-Dichloroethene	10.0	8.96		ug/L		90	78 - 131
1,2-Dichloropropane	10.0	11.0		ug/L		110	81 - 115
cis-1,3-Dichloropropene	10.0	9.66		ug/L		97	61 - 115
trans-1,3-Dichloropropene	10.0	11.0		ug/L		110	58 - 117
Ethylbenzene	10.0	9.59		ug/L		96	83 - 112
2-Hexanone	20.0	23.6		ug/L		118	55 - 133
Methylene Chloride	10.0	10.9		ug/L		109	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	20.8		ug/L		104	63 - 128
Styrene	10.0	10.1		ug/L		101	79 - 114
1,1,2,2-Tetrachloroethane	10.0	9.47		ug/L		95	68 - 118
Tetrachloroethene	10.0	9.49		ug/L		95	79 - 114
Toluene	10.0	9.17		ug/L		92	84 - 111
Trichloroethene	10.0	9.30		ug/L		93	76 - 117
Vinyl chloride	10.0	12.2		ug/L		122	53 - 127
Xylenes, Total	20.0	20.0		ug/L		100	83 - 112
1,1,1-Trichloroethane	10.0	9.62		ug/L		96	74 - 118
1,1,2-Trichloroethane	10.0	10.1		ug/L		101	80 - 112
Cyclohexane	10.0	9.51		ug/L		95	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	6.89		ug/L		69	42 - 136
Ethylene Dibromide	10.0	9.84		ug/L		98	79 - 113
Dichlorodifluoromethane	10.0	9.84		ug/L		98	19 - 129
cis-1,2-Dichloroethene	10.0	9.37		ug/L		94	80 - 113
trans-1,2-Dichloroethene	10.0	9.74		ug/L		97	83 - 117
Isopropylbenzene	10.0	9.85		ug/L		99	75 - 114
Methyl acetate	50.0	46.4		ug/L		93	58 - 131
Methyl tert-butyl ether	10.0	8.45		ug/L		84	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.12		ug/L		91	74 - 151
1,2,4-Trichlorobenzene	10.0	6.84		ug/L		68	48 - 135
1,2-Dichlorobenzene	10.0	9.56		ug/L		96	81 - 110
1,3-Dichlorobenzene	10.0	9.45		ug/L		94	80 - 110
1,4-Dichlorobenzene	10.0	9.31		ug/L		93	82 - 110
Trichlorofluoromethane	10.0	12.4		ug/L		124	49 - 157
Chlorodibromomethane	10.0	9.58		ug/L		96	64 - 119
Methylcyclohexane	10.0	9.04		ug/L		90	56 - 127
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	83 - 113
o-Xylene	10.0	9.85		ug/L		98	83 - 113

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	94		63 - 129
4-Bromofluorobenzene (Surr)	97		66 - 117
Toluene-d8 (Surr)	101		74 - 115
Dibromofluoromethane (Surr)	93		75 - 121

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-109004/5**

**Matrix: Water**

**Analysis Batch: 109004**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.67	J	10	1.1	ug/L			11/08/13 12:23	1
Benzene	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/08/13 12:23	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/08/13 12:23	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/08/13 12:23	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/08/13 12:23	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 12:23	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/08/13 12:23	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/08/13 12:23	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/08/13 12:23	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/08/13 12:23	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 12:23	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 12:23	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/08/13 12:23	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/08/13 12:23	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/08/13 12:23	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/08/13 12:23	1
2-Hexanone	10	U	10	0.41	ug/L			11/08/13 12:23	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/08/13 12:23	1
4-Methyl-2-pentanone (MIBK)	0.668	J	10	0.32	ug/L			11/08/13 12:23	1
Styrene	1.0	U	1.0	0.11	ug/L			11/08/13 12:23	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/08/13 12:23	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/08/13 12:23	1
Toluene	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 12:23	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/08/13 12:23	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/08/13 12:23	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 12:23	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/08/13 12:23	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/08/13 12:23	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/08/13 12:23	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/08/13 12:23	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/08/13 12:23	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 12:23	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 12:23	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
Methyl acetate	10	U	10	0.38	ug/L			11/08/13 12:23	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/08/13 12:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/08/13 12:23	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 12:23	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/08/13 12:23	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/08/13 12:23	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/08/13 12:23	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/08/13 12:23	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-109004/5**

**Matrix: Water**

**Analysis Batch: 109004**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		11/08/13 12:23	1
4-Bromofluorobenzene (Surr)	88		66 - 117		11/08/13 12:23	1
Toluene-d8 (Surr)	93		74 - 115		11/08/13 12:23	1
Dibromofluoromethane (Surr)	90		75 - 121		11/08/13 12:23	1

**Lab Sample ID: LCS 240-109004/4**

**Matrix: Water**

**Analysis Batch: 109004**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	50.0	49.8		ug/L		100	43 - 136
Benzene	25.0	25.4		ug/L		102	83 - 112
Dichlorobromomethane	25.0	25.4		ug/L		101	72 - 121
Bromoform	25.0	22.4		ug/L		90	40 - 131
Bromomethane	25.0	19.8		ug/L		79	11 - 185
2-Butanone (MEK)	50.0	49.4		ug/L		99	60 - 126
Carbon disulfide	25.0	26.4		ug/L		106	62 - 142
Carbon tetrachloride	25.0	25.4		ug/L		102	66 - 128
Chlorobenzene	25.0	26.1		ug/L		104	85 - 110
Chloroethane	25.0	21.4		ug/L		86	25 - 153
Chloroform	25.0	25.4		ug/L		102	79 - 117
Chloromethane	25.0	19.3		ug/L		77	44 - 126
1,1-Dichloroethane	25.0	25.6		ug/L		102	82 - 115
1,2-Dichloroethane	25.0	25.3		ug/L		101	71 - 127
1,1-Dichloroethene	25.0	25.5		ug/L		102	78 - 131
1,2-Dichloropropane	25.0	24.9		ug/L		100	81 - 115
cis-1,3-Dichloropropene	25.0	25.9		ug/L		103	61 - 115
trans-1,3-Dichloropropene	25.0	29.0		ug/L		116	58 - 117
Ethylbenzene	25.0	27.6		ug/L		110	83 - 112
2-Hexanone	50.0	42.9		ug/L		86	55 - 133
Methylene Chloride	25.0	20.0		ug/L		80	66 - 131
4-Methyl-2-pentanone (MIBK)	50.0	43.1		ug/L		86	63 - 128
Styrene	25.0	27.0		ug/L		108	79 - 114
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		91	68 - 118
Tetrachloroethene	25.0	29.1	*	ug/L		117	79 - 114
Toluene	25.0	25.0		ug/L		100	84 - 111
Trichloroethene	25.0	27.4		ug/L		110	76 - 117
Vinyl chloride	25.0	21.9		ug/L		88	53 - 127
Xylenes, Total	50.0	55.1		ug/L		110	83 - 112
1,1,1-Trichloroethane	25.0	27.0		ug/L		108	74 - 118
1,1,2-Trichloroethane	25.0	23.7		ug/L		95	80 - 112
Cyclohexane	25.0	24.9		ug/L		100	54 - 121
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	42 - 136
Ethylene Dibromide	25.0	25.8		ug/L		103	79 - 113
Dichlorodifluoromethane	25.0	18.8		ug/L		75	19 - 129
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	80 - 113
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	83 - 117
Isopropylbenzene	25.0	28.6		ug/L		114	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-109004/4

Matrix: Water

Analysis Batch: 109004

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	125	114		ug/L		91	58 - 131
Methyl tert-butyl ether	25.0	24.2		ug/L		97	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.6		ug/L		98	74 - 151
1,2,4-Trichlorobenzene	25.0	27.2		ug/L		109	48 - 135
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	81 - 110
1,3-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 110
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	82 - 110
Trichlorofluoromethane	25.0	22.8		ug/L		91	49 - 157
Chlorodibromomethane	25.0	27.0		ug/L		108	64 - 119
Methylcyclohexane	25.0	25.2		ug/L		101	56 - 127
m-Xylene & p-Xylene	25.0	27.8		ug/L		111	83 - 113
o-Xylene	25.0	27.3		ug/L		109	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	87		63 - 129
4-Bromofluorobenzene (Surr)	94		66 - 117
Toluene-d8 (Surr)	100		74 - 115
Dibromofluoromethane (Surr)	93		75 - 121



# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## GC/MS VOA

### Analysis Batch: 108810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30776-2	GW-102513-SM-029	Total/NA	Water	8260B	
240-30776-3	GW-102513-SM-030	Total/NA	Water	8260B	
240-30776-6	GW-102513-SM-033	Total/NA	Water	8260B	
240-30776-7	GW-102513-SM-034	Total/NA	Water	8260B	
240-30776-8	GW-102513-SM-035	Total/NA	Water	8260B	
LCS 240-108810/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108810/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 108984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30776-1	GW-102513-SM-028	Total/NA	Water	8260B	
240-30776-4	GW-102513-SM-031	Total/NA	Water	8260B	
240-30776-5	RB-102513-SM-032	Total/NA	Water	8260B	
LCS 240-108984/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-108984/5	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 109004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30776-9	GW-102813-SM-036	Total/NA	Water	8260B	
240-30776-10	GW-102813-SM-037	Total/NA	Water	8260B	
240-30776-11	TB-102813-SM-038	Total/NA	Water	8260B	
LCS 240-109004/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-109004/5	Method Blank	Total/NA	Water	8260B	

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

**Client Sample ID: GW-102513-SM-028**

**Lab Sample ID: 240-30776-1**

Date Collected: 10/25/13 09:13

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		33.33	108984	11/08/13 14:07	LEE	TAL CAN

**Client Sample ID: GW-102513-SM-029**

**Lab Sample ID: 240-30776-2**

Date Collected: 10/25/13 10:07

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108810	11/07/13 16:11	LRW	TAL CAN

**Client Sample ID: GW-102513-SM-030**

**Lab Sample ID: 240-30776-3**

Date Collected: 10/25/13 11:07

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		250	108810	11/07/13 19:33	LRW	TAL CAN

**Client Sample ID: GW-102513-SM-031**

**Lab Sample ID: 240-30776-4**

Date Collected: 10/25/13 11:10

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	108984	11/08/13 14:30	LEE	TAL CAN

**Client Sample ID: RB-102513-SM-032**

**Lab Sample ID: 240-30776-5**

Date Collected: 10/25/13 11:15

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108984	11/08/13 13:44	LEE	TAL CAN

**Client Sample ID: GW-102513-SM-033**

**Lab Sample ID: 240-30776-6**

Date Collected: 10/25/13 12:17

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		200	108810	11/07/13 18:22	LRW	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Client Sample ID: GW-102513-SM-034

Lab Sample ID: 240-30776-7

Date Collected: 10/25/13 13:05

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		333.33	108810	11/07/13 19:56	LRW	TAL CAN

## Client Sample ID: GW-102513-SM-035

Lab Sample ID: 240-30776-8

Date Collected: 10/25/13 14:00

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	108810	11/07/13 20:19	LRW	TAL CAN

## Client Sample ID: GW-102813-SM-036

Lab Sample ID: 240-30776-9

Date Collected: 10/28/13 10:45

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	109004	11/08/13 13:49	RJQ	TAL CAN

## Client Sample ID: GW-102813-SM-037

Lab Sample ID: 240-30776-10

Date Collected: 10/28/13 11:45

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109004	11/08/13 19:45	RJQ	TAL CAN

## Client Sample ID: TB-102813-SM-038

Lab Sample ID: 240-30776-11

Date Collected: 10/28/13 14:30

Matrix: Water

Date Received: 10/29/13 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109004	11/08/13 20:07	RJQ	TAL CAN

### Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30776-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14 *
USDA	Federal		P330-11-00328	08-26-14
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

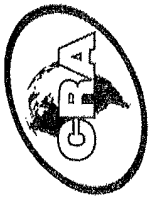
TestAmerica Canton

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-30776 Chain of Custody





**CONESTOGA-ROVERS & ASSOCIATES**

**CHAIN OF CUSTODY RECORD**

6520 Corporate Drive, Indianapolis, Indiana 46278  
 Phone: (317) 291-7007 Fax: (317) 328-2666

COC NO: **IN-03487**  
 PAGE **1** OF **1**  
 (See Reverse Side for Instructions)

Project No/Phase/Task Code: <b>017302 T07</b>		Laboratory Name: <b>West America</b>		Lab Location: <b>North Canton</b>		SSOW ID: <b>132007</b>							
Project Name: <b>RMC</b>		Lab Contact: <b>Danise Heckler</b>		Lab Quote No:		Cooler No:							
Project Location: <b>Anderson IN</b>		CONTAINER QUANTITY & PRESERVATION		ANALYSIS REQUESTED (See Back of COC for Definitions)		Carrier: <b>FedEx</b>							
Chemistry Contact: <b>Deborah Andrasiko</b>		SAMPLE TYPE		Total Containers/Sample		Airbill No: <b>80425877594</b>							
Sampler(s): <b>Samuel Melicosky</b>		(see back of COC)		Other:		Date Shipped: <b>10/28/13</b>							
Item	SAMPLE IDENTIFICATION (Containers for each sample may be combined on one line)	DATE (mm/dd/yyyy)	TIME (hh:mm)	Grab (G) or Comp (C)	Unpreserved	Hydrochloric Acid (HCl)	Nitric Acid (HNO <sub>3</sub> )	Sulfuric Acid (H <sub>2</sub> SO <sub>4</sub> )	Sodium Hydroxide (NaOH)	Methanol/Water (Soil)	EnCores 3x5-g, 1x25-g	MS/MSD Request	COMMENTS/ SPECIAL INSTRUCTIONS:
1	GW-102513-SM-028	10/25/13	913	G		M	M	M	M	M	M		
2	-029		1007										
3	-030		1107										
4	031		1110										
5	RB-102513-SM-022		1115	RB		M	M	M	M	M	M		
6	-033		1219										
7	-034		1305										
8	-035		1400										
9	GW-102813-SM-036	10/28/13	1015			M	M	M	M	M	M		
10	GW-102813-SM-037		1145										
11	1B-102813-SM-008	10/28/13	1430	G		M	M	M	M	M	M		
12													
13													
14													
15													
TAT Required in business days (use separate COCs for different TATs):				Total Number of Containers: <b>31</b>				Notes/ Special Requirements:					
<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> 2 Week <input type="checkbox"/> Other:				All Samples in Cooler must be on COC									
RELINQUISHED BY <i>[Signature]</i>		DATE <b>10/28/13</b>		RECEIVED BY <i>[Signature]</i>		DATE <b>10/29/13</b>		COMPANY <b>7A</b>		TIME <b>910</b>			
1													
2													
3													

TestAmerica Canton Sample Receipt Form/Narrative

Login # : 30716

Canton Facility

Client CRA Site Name

Cooler unpacked by:

Cooler Received on 10.29.13 Opened on 10.29.13

[Signature]

FedEx: 1st Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other

TestAmerica Cooler # Foam Box Client Cooler Box Other

Packing material used: Bubble Wrap Foam Plastic Bag None Other

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +2 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

IR GUN# 4 (CF +1 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

IR GUN# 5 (CF +2 °C) Observed Cooler Temp. °C Corrected Cooler Temp. °C

IR GUN# 8 (CF -0 °C) Observed Cooler Temp. 0.8 °C Corrected Cooler Temp. 0.8 °C

See Multiple Cooler Form Corrected

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 2 Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC385663

11. Were VOAs on the COC? Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes No NA

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM Date by via Verbal Voice Mail Other

Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

[Signature]

15. SAMPLE CONDITION

Sample(s) were received after the recommended holding time had expired.

Sample(s) were received in a broken container.

Sample(s) were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) were further preserved in the laboratory.

Time preserved: Preservative(s) added/Lot number(s):

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Canton

4101 Shuffel Street NW

North Canton, OH 44720

Tel: (330)497-9396

TestAmerica Job ID: 240-30821-1

Client Project/Site: 17302-T07, RACER Delphi Anderson

For:

Conestoga-Rovers & Associates, Inc.

2055 Niagara Falls Blvd., Suite 3

Niagara Falls, New York 14304

Attn: Ms. Deborah Andrasko



Authorized for release by:

11/12/2013 3:02:54 PM

Denise Heckler, Project Manager II

(330)966-9477

[denise.heckler@testamericainc.com](mailto:denise.heckler@testamericainc.com)



### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*

1

2

3

4

5

6

7

8

9

10

11

12

13

14





# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	2
Definitions/Glossary . . . . .	3
Case Narrative . . . . .	4
Method Summary . . . . .	7
Sample Summary . . . . .	8
Detection Summary . . . . .	9
Client Sample Results . . . . .	11
Surrogate Summary . . . . .	28
QC Sample Results . . . . .	29
QC Association Summary . . . . .	41
Lab Chronicle . . . . .	44
Certification Summary . . . . .	47
Chain of Custody . . . . .	48

# Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Qualifiers

### GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

### GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Metals

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

### General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
F	MS/MSD Recovery and/or RPD exceeds the control limits

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

**Job ID: 240-30821-1**

**Laboratory: TestAmerica Canton**

**Narrative**

## CASE NARRATIVE

**Client: Conestoga-Rovers & Associates, Inc.**

**Project: 17302-T07, RACER Delphi Anderson**

**Report Number: 240-30821-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

### RECEIPT

The samples were received on 10/30/2013; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.2 C.

### VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples GW-102913-SM-039 (240-30821-1), GW-102913-SM-040 (240-30821-2), RB-102913-SM-041 (240-30821-3), GW-102913-SM-042 (240-30821-4), SW-102913-SM-043 (240-30821-5), GW-102913-SM-044 (240-30821-6), SW-102913-SM-045 (240-30821-7), GW-102913-SM-046 (240-30821-8), GW-102913-SM-047 (240-30821-9), GW-102913-SM-048 (240-30821-10) and TB-102913-SM-049 (240-30821-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/09/2013 and 11/10/2013.

Acetone was detected in method blank MB 240-109046/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Samples GW-102913-SM-046 (240-30821-8)[66.67X], GW-102913-SM-047 (240-30821-9)[2X] and GW-102913-SM-048 (240-30821-10) [166.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analysis.

# Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Job ID: 240-30821-1 (Continued)

### Laboratory: TestAmerica Canton (Continued)

All other quality control parameters were within the acceptance limits.

#### DISSOLVED GASES

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for dissolved gases in accordance with RSK\_175. The samples were analyzed on 10/31/2013.

Methane was detected in method blank MB 240-107825/5 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the dissolved gases analysis.

All other quality control parameters were within the acceptance limits.

#### DISSOLVED METALS (ICP)

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for dissolved metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 10/31/2013 and analyzed on 11/02/2013.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

#### ALKALINITY

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 11/06/2013.

No difficulties were encountered during the alkalinity analysis.

All quality control parameters were within the acceptance limits.

#### HARDNESS

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for hardness in accordance with SM 2340C. The samples were analyzed on 11/05/2013.

No difficulties were encountered during the hardness analysis.

All quality control parameters were within the acceptance limits.

#### ANIONS

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 10/31/2013.

Chloride and Sulfate failed the recovery criteria high for the MS of sample GW-102913-SM-048MS (240-30821-10) in batch 240-107704.

Sulfate failed the recovery criteria high for the MSD of sample GW-102913-SM-048MSD (240-30821-10) in batch 240-107704.

No other difficulties were encountered during the anions analysis.

All other quality control parameters were within the acceptance limits.

#### SULFIDE

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for sulfide in accordance with EPA SW-846 Method 9034. The samples were prepared and analyzed on 10/31/2013.

## Case Narrative

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

---

### Job ID: 240-30821-1 (Continued)

---

#### Laboratory: TestAmerica Canton (Continued)

No difficulties were encountered during the sulfide analysis.

All quality control parameters were within the acceptance limits.

#### TOTAL ORGANIC CARBON

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for total organic carbon in accordance with EPA SW-846 Method 9060. The samples were analyzed on 10/31/2013 and 11/01/2013.

No difficulties were encountered during the TOC analysis.

All quality control parameters were within the acceptance limits.

#### DISSOLVED ORGANIC CARBON

Samples GW-102913-SM-044 (240-30821-6) and GW-102913-SM-048 (240-30821-10) were analyzed for dissolved organic carbon in accordance with EPA SW-846 Method 9060. The samples were analyzed on 11/06/2013.

No difficulties were encountered during the TOC analysis.

All quality control parameters were within the acceptance limits.



# Method Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL CAN
RSK-175	Dissolved Gases (GC)	RSK	TAL CAN
6010B	Metals (ICP)	SW846	TAL CAN
2320B-1997	Alkalinity, Total	SM	TAL CAN
2340C-1997	Hardness, Total	SM	TAL CAN
300.0	Anions, Ion Chromatography	MCAWW	TAL CAN
9034	Sulfide, Acid soluble and Insoluble (Titrimetric)	SW846	TAL CAN
9060	Organic Carbon, Dissolved (DOC)	SW846	TAL CAN
9060	Organic Carbon, Total (TOC)	SW846	TAL CAN

#### Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

SM = "Standard Methods For The Examination Of Water And Wastewater",

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

#### Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Sample Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-30821-1	GW-102913-SM-039	Water	10/29/13 09:12	10/30/13 09:20
240-30821-2	GW-102913-SM-040	Water	10/29/13 09:15	10/30/13 09:20
240-30821-3	RB-102913-SM-041	Water	10/29/13 09:20	10/30/13 09:20
240-30821-4	GW-102913-SM-042	Water	10/29/13 10:12	10/30/13 09:20
240-30821-5	SW-102913-SM-043	Water	10/29/13 10:35	10/30/13 09:20
240-30821-6	GW-102913-SM-044	Water	10/29/13 11:00	10/30/13 09:20
240-30821-7	SW-102913-SM-045	Water	10/29/13 11:35	10/30/13 09:20
240-30821-8	GW-102913-SM-046	Water	10/29/13 12:00	10/30/13 09:20
240-30821-9	GW-102913-SM-047	Water	10/29/13 13:00	10/30/13 09:20
240-30821-10	GW-102913-SM-048	Water	10/29/13 13:50	10/30/13 09:20
240-30821-11	TB-102913-SM-049	Water	10/29/13 14:45	10/30/13 09:20



# Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Client Sample ID: GW-102913-SM-039

Lab Sample ID: 240-30821-1

No Detections.

## Client Sample ID: GW-102913-SM-040

Lab Sample ID: 240-30821-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.4	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.1		1.0	0.13	ug/L	1		8260B	Total/NA

## Client Sample ID: RB-102913-SM-041

Lab Sample ID: 240-30821-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.1		1.0	0.13	ug/L	1		8260B	Total/NA
Trichloroethene	0.41	J	1.0	0.17	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	2.4		1.0	0.17	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102913-SM-042

Lab Sample ID: 240-30821-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.7	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.64	J	1.0	0.13	ug/L	1		8260B	Total/NA

## Client Sample ID: SW-102913-SM-043

Lab Sample ID: 240-30821-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.1	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.86	J	1.0	0.13	ug/L	1		8260B	Total/NA
Vinyl chloride	2.2		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.8		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.20	J	1.0	0.19	ug/L	1		8260B	Total/NA

## Client Sample ID: GW-102913-SM-044

Lab Sample ID: 240-30821-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.5	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.31	J	1.0	0.13	ug/L	1		8260B	Total/NA
Vinyl chloride	6.2		1.0	0.22	ug/L	1		8260B	Total/NA
Methane	4.4	B	0.50	0.070	ug/L	1		RSK-175	Total/NA
Ethylene	0.93		0.50	0.18	ug/L	1		RSK-175	Total/NA
Manganese	320		15	0.41	ug/L	1		6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	370		5.0	1.9	mg/L	1		2320B-1997	Total/NA
Hardness as calcium carbonate	520		10	6.2	mg/L	1		2340C-1997	Total/NA
Chloride	20		1.0	0.10	mg/L	1		300.0	Total/NA
Sulfate	140		1.0	0.12	mg/L	1		300.0	Total/NA
Total Organic Carbon	4.5		1.0	0.24	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	4.5		1.0	0.24	mg/L	1		9060	Dissolved

## Client Sample ID: SW-102913-SM-045

Lab Sample ID: 240-30821-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.6	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	0.19	J	1.0	0.13	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton



## Detection Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

### Client Sample ID: SW-102913-SM-045 (Continued)

Lab Sample ID: 240-30821-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	3.3		1.0	0.22	ug/L	1		8260B	Total/NA
cis-1,2-Dichloroethene	6.3		1.0	0.17	ug/L	1		8260B	Total/NA
trans-1,2-Dichloroethene	0.25	J	1.0	0.19	ug/L	1		8260B	Total/NA

### Client Sample ID: GW-102913-SM-046

Lab Sample ID: 240-30821-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	180	J B	670	73	ug/L	66.67		8260B	Total/NA
1,1-Dichloroethane	160		67	10	ug/L	66.67		8260B	Total/NA
Vinyl chloride	640		67	15	ug/L	66.67		8260B	Total/NA
cis-1,2-Dichloroethene	4600		67	11	ug/L	66.67		8260B	Total/NA
trans-1,2-Dichloroethene	84		67	13	ug/L	66.67		8260B	Total/NA

### Client Sample ID: GW-102913-SM-047

Lab Sample ID: 240-30821-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	2.9	J B	20	2.2	ug/L	2		8260B	Total/NA
Vinyl chloride	110		2.0	0.44	ug/L	2		8260B	Total/NA

### Client Sample ID: GW-102913-SM-048

Lab Sample ID: 240-30821-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	510	J B	1700	180	ug/L	166.67		8260B	Total/NA
1,1-Dichloroethane	540		170	25	ug/L	166.67		8260B	Total/NA
1,1-Dichloroethene	98	J	170	32	ug/L	166.67		8260B	Total/NA
Trichloroethene	1500		170	28	ug/L	166.67		8260B	Total/NA
Vinyl chloride	430		170	37	ug/L	166.67		8260B	Total/NA
1,1,1-Trichloroethane	140	J	170	37	ug/L	166.67		8260B	Total/NA
cis-1,2-Dichloroethene	14000		170	28	ug/L	166.67		8260B	Total/NA
trans-1,2-Dichloroethene	320		170	32	ug/L	166.67		8260B	Total/NA
Methane	26	B	0.50	0.070	ug/L	1		RSK-175	Total/NA
Ethane	2.4		0.50	0.19	ug/L	1		RSK-175	Total/NA
Ethylene	6.8		0.50	0.18	ug/L	1		RSK-175	Total/NA
Manganese	230		15	0.41	ug/L	1		6010B	Dissolved
Bicarbonate Alkalinity as CaCO3	400		5.0	1.9	mg/L	1		2320B-1997	Total/NA
Hardness as calcium carbonate	490		10	6.2	mg/L	1		2340C-1997	Total/NA
Chloride	78		1.0	0.10	mg/L	1		300.0	Total/NA
Sulfate	110		1.0	0.12	mg/L	1		300.0	Total/NA
Total Organic Carbon	3.2		1.0	0.24	mg/L	1		9060	Total/NA
Dissolved Organic Carbon	3.1		1.0	0.24	mg/L	1		9060	Dissolved

### Client Sample ID: TB-102913-SM-049

Lab Sample ID: 240-30821-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	8.9	J B	10	1.1	ug/L	1		8260B	Total/NA
Carbon disulfide	1.6		1.0	0.13	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: GW-102913-SM-039**

**Lab Sample ID: 240-30821-1**

**Date Collected: 10/29/13 09:12**

**Matrix: Water**

**Date Received: 10/30/13 09:20**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	10	U	10	1.1	ug/L			11/10/13 15:56	1
Benzene	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/10/13 15:56	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/10/13 15:56	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/10/13 15:56	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/10/13 15:56	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/10/13 15:56	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/10/13 15:56	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/10/13 15:56	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/10/13 15:56	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/10/13 15:56	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/10/13 15:56	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/10/13 15:56	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/10/13 15:56	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/10/13 15:56	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/10/13 15:56	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/10/13 15:56	1
2-Hexanone	10	U	10	0.41	ug/L			11/10/13 15:56	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/10/13 15:56	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/10/13 15:56	1
Styrene	1.0	U	1.0	0.11	ug/L			11/10/13 15:56	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/10/13 15:56	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/10/13 15:56	1
Toluene	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/10/13 15:56	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/10/13 15:56	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/10/13 15:56	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/10/13 15:56	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/10/13 15:56	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/10/13 15:56	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/10/13 15:56	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/10/13 15:56	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/10/13 15:56	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/10/13 15:56	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/10/13 15:56	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
Methyl acetate	10	U	10	0.38	ug/L			11/10/13 15:56	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/10/13 15:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/10/13 15:56	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/10/13 15:56	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/10/13 15:56	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/10/13 15:56	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/10/13 15:56	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/10/13 15:56	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		63 - 129		11/10/13 15:56	1
4-Bromofluorobenzene (Surr)	79		66 - 117		11/10/13 15:56	1
Toluene-d8 (Surr)	83		74 - 115		11/10/13 15:56	1
Dibromofluoromethane (Surr)	107		75 - 121		11/10/13 15:56	1

**Client Sample ID: GW-102913-SM-040**

**Date Collected: 10/29/13 09:15**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.4</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 02:47	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 02:47	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 02:47	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 02:47	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 02:47	1
<b>Carbon disulfide</b>	<b>1.1</b>		1.0	0.13	ug/L			11/09/13 02:47	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 02:47	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 02:47	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 02:47	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 02:47	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 02:47	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 02:47	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 02:47	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 02:47	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 02:47	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 02:47	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 02:47	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 02:47	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 02:47	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 02:47	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 02:47	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 02:47	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 02:47	1
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 02:47	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/09/13 02:47	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 02:47	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 02:47	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 02:47	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 02:47	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 02:47	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 02:47	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 02:47	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 02:47	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 02:47	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 02:47	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 02:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 02:47	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 02:47	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102913-SM-040**

**Date Collected: 10/29/13 09:15**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-2**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 02:47	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 02:47	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 02:47	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 02:47	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	92		63 - 129					11/09/13 02:47	1
4-Bromofluorobenzene (Surr)	90		66 - 117					11/09/13 02:47	1
Toluene-d8 (Surr)	96		74 - 115					11/09/13 02:47	1
Dibromofluoromethane (Surr)	93		75 - 121					11/09/13 02:47	1

**Client Sample ID: RB-102913-SM-041**

**Date Collected: 10/29/13 09:20**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>3.6</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 03:09	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 03:09	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 03:09	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 03:09	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 03:09	1
<b>Carbon disulfide</b>	<b>1.1</b>		1.0	0.13	ug/L			11/09/13 03:09	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 03:09	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 03:09	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 03:09	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 03:09	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 03:09	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 03:09	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 03:09	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 03:09	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 03:09	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 03:09	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 03:09	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 03:09	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 03:09	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 03:09	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 03:09	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 03:09	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 03:09	1
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
<b>Trichloroethene</b>	<b>0.41</b>	<b>J</b>	1.0	0.17	ug/L			11/09/13 03:09	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/09/13 03:09	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 03:09	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 03:09	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 03:09	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 03:09	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 03:09	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 03:09	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: RB-102913-SM-041**

**Date Collected: 10/29/13 09:20**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-3**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 03:09	1
<b>cis-1,2-Dichloroethene</b>	<b>2.4</b>		1.0	0.17	ug/L			11/09/13 03:09	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 03:09	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 03:09	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 03:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 03:09	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 03:09	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 03:09	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 03:09	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 03:09	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 03:09	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
<i>1,2-Dichloroethane-d4 (Surr)</i>	87		63 - 129					11/09/13 03:09	1
<i>4-Bromofluorobenzene (Surr)</i>	87		66 - 117					11/09/13 03:09	1
<i>Toluene-d8 (Surr)</i>	94		74 - 115					11/09/13 03:09	1
<i>Dibromofluoromethane (Surr)</i>	89		75 - 121					11/09/13 03:09	1

**Client Sample ID: GW-102913-SM-042**

**Date Collected: 10/29/13 10:12**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.7</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 03:31	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 03:31	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 03:31	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 03:31	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 03:31	1
<b>Carbon disulfide</b>	<b>0.64</b>	<b>J</b>	1.0	0.13	ug/L			11/09/13 03:31	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 03:31	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 03:31	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 03:31	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 03:31	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 03:31	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 03:31	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 03:31	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 03:31	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 03:31	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 03:31	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 03:31	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 03:31	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 03:31	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 03:31	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 03:31	1
1,1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 03:31	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 03:31	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102913-SM-042**

**Date Collected: 10/29/13 10:12**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-4**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 03:31	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/09/13 03:31	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 03:31	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 03:31	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 03:31	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 03:31	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 03:31	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 03:31	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 03:31	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 03:31	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 03:31	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 03:31	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 03:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 03:31	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 03:31	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 03:31	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 03:31	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 03:31	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 03:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129		11/09/13 03:31	1
4-Bromofluorobenzene (Surr)	90		66 - 117		11/09/13 03:31	1
Toluene-d8 (Surr)	95		74 - 115		11/09/13 03:31	1
Dibromofluoromethane (Surr)	92		75 - 121		11/09/13 03:31	1

**Client Sample ID: SW-102913-SM-043**

**Date Collected: 10/29/13 10:35**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.1</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 03:53	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 03:53	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 03:53	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 03:53	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 03:53	1
<b>Carbon disulfide</b>	<b>0.86</b>	<b>J</b>	1.0	0.13	ug/L			11/09/13 03:53	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 03:53	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 03:53	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 03:53	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 03:53	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 03:53	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 03:53	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 03:53	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 03:53	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: SW-102913-SM-043**

**Date Collected: 10/29/13 10:35**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-5**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 03:53	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 03:53	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 03:53	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 03:53	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 03:53	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 03:53	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 03:53	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 03:53	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 03:53	1
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 03:53	1
<b>Vinyl chloride</b>	<b>2.2</b>		1.0	0.22	ug/L			11/09/13 03:53	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 03:53	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 03:53	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 03:53	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 03:53	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 03:53	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 03:53	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 03:53	1
<b>cis-1,2-Dichloroethene</b>	<b>6.8</b>		1.0	0.17	ug/L			11/09/13 03:53	1
<b>trans-1,2-Dichloroethene</b>	<b>0.20</b>	<b>J</b>	1.0	0.19	ug/L			11/09/13 03:53	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 03:53	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 03:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 03:53	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 03:53	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 03:53	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 03:53	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 03:53	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		63 - 129		11/09/13 03:53	1
4-Bromofluorobenzene (Surr)	85		66 - 117		11/09/13 03:53	1
Toluene-d8 (Surr)	93		74 - 115		11/09/13 03:53	1
Dibromofluoromethane (Surr)	88		75 - 121		11/09/13 03:53	1

**Client Sample ID: GW-102913-SM-044**

**Date Collected: 10/29/13 11:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.5</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 04:16	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 04:16	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 04:16	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 04:16	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 04:16	1
<b>Carbon disulfide</b>	<b>0.31</b>	<b>J</b>	1.0	0.13	ug/L			11/09/13 04:16	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102913-SM-044**

**Date Collected: 10/29/13 11:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 04:16	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 04:16	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 04:16	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 04:16	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 04:16	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 04:16	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 04:16	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 04:16	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 04:16	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 04:16	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 04:16	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 04:16	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 04:16	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 04:16	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 04:16	1
1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 04:16	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 04:16	1
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 04:16	1
<b>Vinyl chloride</b>	<b>6.2</b>		1.0	0.22	ug/L			11/09/13 04:16	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 04:16	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 04:16	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 04:16	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 04:16	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 04:16	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 04:16	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 04:16	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 04:16	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 04:16	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 04:16	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 04:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 04:16	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 04:16	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 04:16	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 04:16	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 04:16	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		63 - 129					11/09/13 04:16	1
4-Bromofluorobenzene (Surr)	91		66 - 117					11/09/13 04:16	1
Toluene-d8 (Surr)	98		74 - 115					11/09/13 04:16	1
Dibromofluoromethane (Surr)	95		75 - 121					11/09/13 04:16	1

TestAmerica Canton



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Client Sample ID: SW-102913-SM-045**

**Date Collected: 10/29/13 11:35**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-7**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>5.6</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 04:38	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 04:38	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 04:38	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 04:38	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 04:38	1
<b>Carbon disulfide</b>	<b>0.19</b>	<b>J</b>	1.0	0.13	ug/L			11/09/13 04:38	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 04:38	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 04:38	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 04:38	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 04:38	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 04:38	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 04:38	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 04:38	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 04:38	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 04:38	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 04:38	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 04:38	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 04:38	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 04:38	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 04:38	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 04:38	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 04:38	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 04:38	1
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 04:38	1
<b>Vinyl chloride</b>	<b>3.3</b>		1.0	0.22	ug/L			11/09/13 04:38	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 04:38	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 04:38	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 04:38	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 04:38	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 04:38	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 04:38	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 04:38	1
<b>cis-1,2-Dichloroethene</b>	<b>6.3</b>		1.0	0.17	ug/L			11/09/13 04:38	1
<b>trans-1,2-Dichloroethene</b>	<b>0.25</b>	<b>J</b>	1.0	0.19	ug/L			11/09/13 04:38	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 04:38	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 04:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 04:38	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 04:38	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 04:38	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 04:38	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 04:38	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 04:38	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		63 - 129		11/09/13 04:38	1
4-Bromofluorobenzene (Surr)	85		66 - 117		11/09/13 04:38	1
Toluene-d8 (Surr)	90		74 - 115		11/09/13 04:38	1
Dibromofluoromethane (Surr)	90		75 - 121		11/09/13 04:38	1

**Client Sample ID: GW-102913-SM-046**

**Lab Sample ID: 240-30821-8**

**Date Collected: 10/29/13 12:00**

**Matrix: Water**

**Date Received: 10/30/13 09:20**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>180</b>	<b>J B</b>	670	73	ug/L			11/09/13 05:00	66.67
Benzene	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
Dichlorobromomethane	67	U	67	10	ug/L			11/09/13 05:00	66.67
Bromoform	67	U	67	43	ug/L			11/09/13 05:00	66.67
Bromomethane	67	U	67	27	ug/L			11/09/13 05:00	66.67
2-Butanone (MEK)	670	U	670	38	ug/L			11/09/13 05:00	66.67
Carbon disulfide	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
Carbon tetrachloride	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
Chlorobenzene	67	U	67	10	ug/L			11/09/13 05:00	66.67
Chloroethane	67	U	67	19	ug/L			11/09/13 05:00	66.67
Chloroform	67	U	67	11	ug/L			11/09/13 05:00	66.67
Chloromethane	67	U	67	20	ug/L			11/09/13 05:00	66.67
<b>1,1-Dichloroethane</b>	<b>160</b>		67	10	ug/L			11/09/13 05:00	66.67
1,2-Dichloroethane	67	U	67	15	ug/L			11/09/13 05:00	66.67
1,1-Dichloroethene	67	U	67	13	ug/L			11/09/13 05:00	66.67
1,2-Dichloropropane	67	U	67	12	ug/L			11/09/13 05:00	66.67
cis-1,3-Dichloropropene	67	U	67	9.3	ug/L			11/09/13 05:00	66.67
trans-1,3-Dichloropropene	67	U	67	13	ug/L			11/09/13 05:00	66.67
Ethylbenzene	67	U	67	11	ug/L			11/09/13 05:00	66.67
2-Hexanone	670	U	670	27	ug/L			11/09/13 05:00	66.67
Methylene Chloride	67	U	67	22	ug/L			11/09/13 05:00	66.67
4-Methyl-2-pentanone (MIBK)	670	U	670	21	ug/L			11/09/13 05:00	66.67
Styrene	67	U	67	7.3	ug/L			11/09/13 05:00	66.67
1,1,1,2-Tetrachloroethane	67	U	67	12	ug/L			11/09/13 05:00	66.67
Tetrachloroethene	67	U	67	19	ug/L			11/09/13 05:00	66.67
Toluene	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
Trichloroethene	67	U	67	11	ug/L			11/09/13 05:00	66.67
<b>Vinyl chloride</b>	<b>640</b>		67	15	ug/L			11/09/13 05:00	66.67
Xylenes, Total	130	U	130	9.3	ug/L			11/09/13 05:00	66.67
1,1,1-Trichloroethane	67	U	67	15	ug/L			11/09/13 05:00	66.67
1,1,2-Trichloroethane	67	U	67	18	ug/L			11/09/13 05:00	66.67
Cyclohexane	67	U	67	8.0	ug/L			11/09/13 05:00	66.67
1,2-Dibromo-3-Chloropropane	130	U	130	45	ug/L			11/09/13 05:00	66.67
Ethylene Dibromide	67	U	67	16	ug/L			11/09/13 05:00	66.67
Dichlorodifluoromethane	67	U	67	21	ug/L			11/09/13 05:00	66.67
<b>cis-1,2-Dichloroethene</b>	<b>4600</b>		67	11	ug/L			11/09/13 05:00	66.67
<b>trans-1,2-Dichloroethene</b>	<b>84</b>		67	13	ug/L			11/09/13 05:00	66.67
Isopropylbenzene	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
Methyl acetate	670	U	670	25	ug/L			11/09/13 05:00	66.67
Methyl tert-butyl ether	67	U	67	11	ug/L			11/09/13 05:00	66.67
1,1,2-Trichloro-1,2,2-trifluoroethane	67	U	67	19	ug/L			11/09/13 05:00	66.67
1,2,4-Trichlorobenzene	67	U	67	10	ug/L			11/09/13 05:00	66.67
1,2-Dichlorobenzene	67	U	67	8.7	ug/L			11/09/13 05:00	66.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102913-SM-046**

**Date Collected: 10/29/13 12:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-8**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	67	U	67	9.3	ug/L			11/09/13 05:00	66.67
1,4-Dichlorobenzene	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
Trichlorofluoromethane	67	U	67	14	ug/L			11/09/13 05:00	66.67
Chlorodibromomethane	67	U	67	12	ug/L			11/09/13 05:00	66.67
Methylcyclohexane	67	U	67	8.7	ug/L			11/09/13 05:00	66.67
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1,2-Dichloroethane-d4 (Surr)	95		63 - 129					11/09/13 05:00	66.67
4-Bromofluorobenzene (Surr)	92		66 - 117					11/09/13 05:00	66.67
Toluene-d8 (Surr)	97		74 - 115					11/09/13 05:00	66.67
Dibromofluoromethane (Surr)	98		75 - 121					11/09/13 05:00	66.67

**Client Sample ID: GW-102913-SM-047**

**Date Collected: 10/29/13 13:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>2.9</b>	<b>J B</b>	20	2.2	ug/L			11/09/13 05:22	2
Benzene	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Dichlorobromomethane	2.0	U	2.0	0.30	ug/L			11/09/13 05:22	2
Bromoform	2.0	U	2.0	1.3	ug/L			11/09/13 05:22	2
Bromomethane	2.0	U	2.0	0.82	ug/L			11/09/13 05:22	2
2-Butanone (MEK)	20	U	20	1.1	ug/L			11/09/13 05:22	2
Carbon disulfide	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Carbon tetrachloride	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Chlorobenzene	2.0	U	2.0	0.30	ug/L			11/09/13 05:22	2
Chloroethane	2.0	U	2.0	0.58	ug/L			11/09/13 05:22	2
Chloroform	2.0	U	2.0	0.32	ug/L			11/09/13 05:22	2
Chloromethane	2.0	U	2.0	0.60	ug/L			11/09/13 05:22	2
1,1-Dichloroethane	2.0	U	2.0	0.30	ug/L			11/09/13 05:22	2
1,2-Dichloroethane	2.0	U	2.0	0.44	ug/L			11/09/13 05:22	2
1,1-Dichloroethene	2.0	U	2.0	0.38	ug/L			11/09/13 05:22	2
1,2-Dichloropropane	2.0	U	2.0	0.36	ug/L			11/09/13 05:22	2
cis-1,3-Dichloropropene	2.0	U	2.0	0.28	ug/L			11/09/13 05:22	2
trans-1,3-Dichloropropene	2.0	U	2.0	0.38	ug/L			11/09/13 05:22	2
Ethylbenzene	2.0	U	2.0	0.34	ug/L			11/09/13 05:22	2
2-Hexanone	20	U	20	0.82	ug/L			11/09/13 05:22	2
Methylene Chloride	2.0	U	2.0	0.66	ug/L			11/09/13 05:22	2
4-Methyl-2-pentanone (MIBK)	20	U	20	0.64	ug/L			11/09/13 05:22	2
Styrene	2.0	U	2.0	0.22	ug/L			11/09/13 05:22	2
1,1,2,2-Tetrachloroethane	2.0	U	2.0	0.36	ug/L			11/09/13 05:22	2
Tetrachloroethene	2.0	U	2.0	0.58	ug/L			11/09/13 05:22	2
Toluene	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Trichloroethene	2.0	U	2.0	0.34	ug/L			11/09/13 05:22	2
<b>Vinyl chloride</b>	<b>110</b>		2.0	0.44	ug/L			11/09/13 05:22	2
Xylenes, Total	4.0	U	4.0	0.28	ug/L			11/09/13 05:22	2
1,1,1-Trichloroethane	2.0	U	2.0	0.44	ug/L			11/09/13 05:22	2
1,1,2-Trichloroethane	2.0	U	2.0	0.54	ug/L			11/09/13 05:22	2
Cyclohexane	2.0	U	2.0	0.24	ug/L			11/09/13 05:22	2
1,2-Dibromo-3-Chloropropane	4.0	U	4.0	1.3	ug/L			11/09/13 05:22	2
Ethylene Dibromide	2.0	U	2.0	0.48	ug/L			11/09/13 05:22	2

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102913-SM-047**

**Date Collected: 10/29/13 13:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-9**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.0	U	2.0	0.62	ug/L			11/09/13 05:22	2
cis-1,2-Dichloroethene	2.0	U	2.0	0.34	ug/L			11/09/13 05:22	2
trans-1,2-Dichloroethene	2.0	U	2.0	0.38	ug/L			11/09/13 05:22	2
Isopropylbenzene	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Methyl acetate	20	U	20	0.76	ug/L			11/09/13 05:22	2
Methyl tert-butyl ether	2.0	U	2.0	0.34	ug/L			11/09/13 05:22	2
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	2.0	0.56	ug/L			11/09/13 05:22	2
1,2,4-Trichlorobenzene	2.0	U	2.0	0.30	ug/L			11/09/13 05:22	2
1,2-Dichlorobenzene	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
1,3-Dichlorobenzene	2.0	U	2.0	0.28	ug/L			11/09/13 05:22	2
1,4-Dichlorobenzene	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Trichlorofluoromethane	2.0	U	2.0	0.42	ug/L			11/09/13 05:22	2
Chlorodibromomethane	2.0	U	2.0	0.36	ug/L			11/09/13 05:22	2
Methylcyclohexane	2.0	U	2.0	0.26	ug/L			11/09/13 05:22	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		63 - 129					11/09/13 05:22	2
4-Bromofluorobenzene (Surr)	91		66 - 117					11/09/13 05:22	2
Toluene-d8 (Surr)	98		74 - 115					11/09/13 05:22	2
Dibromofluoromethane (Surr)	94		75 - 121					11/09/13 05:22	2

**Client Sample ID: GW-102913-SM-048**

**Date Collected: 10/29/13 13:50**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>510</b>	<b>J B</b>	1700	180	ug/L			11/09/13 05:44	166.67
Benzene	170	U	170	22	ug/L			11/09/13 05:44	166.67
Dichlorobromomethane	170	U	170	25	ug/L			11/09/13 05:44	166.67
Bromoform	170	U	170	110	ug/L			11/09/13 05:44	166.67
Bromomethane	170	U	170	68	ug/L			11/09/13 05:44	166.67
2-Butanone (MEK)	1700	U	1700	95	ug/L			11/09/13 05:44	166.67
Carbon disulfide	170	U	170	22	ug/L			11/09/13 05:44	166.67
Carbon tetrachloride	170	U	170	22	ug/L			11/09/13 05:44	166.67
Chlorobenzene	170	U	170	25	ug/L			11/09/13 05:44	166.67
Chloroethane	170	U	170	48	ug/L			11/09/13 05:44	166.67
Chloroform	170	U	170	27	ug/L			11/09/13 05:44	166.67
Chloromethane	170	U	170	50	ug/L			11/09/13 05:44	166.67
<b>1,1-Dichloroethane</b>	<b>540</b>		170	25	ug/L			11/09/13 05:44	166.67
1,2-Dichloroethane	170	U	170	37	ug/L			11/09/13 05:44	166.67
<b>1,1-Dichloroethene</b>	<b>98</b>	<b>J</b>	170	32	ug/L			11/09/13 05:44	166.67
1,2-Dichloropropane	170	U	170	30	ug/L			11/09/13 05:44	166.67
cis-1,3-Dichloropropene	170	U	170	23	ug/L			11/09/13 05:44	166.67
trans-1,3-Dichloropropene	170	U	170	32	ug/L			11/09/13 05:44	166.67
Ethylbenzene	170	U	170	28	ug/L			11/09/13 05:44	166.67
2-Hexanone	1700	U	1700	68	ug/L			11/09/13 05:44	166.67
Methylene Chloride	170	U	170	55	ug/L			11/09/13 05:44	166.67
4-Methyl-2-pentanone (MIBK)	1700	U	1700	53	ug/L			11/09/13 05:44	166.67
Styrene	170	U	170	18	ug/L			11/09/13 05:44	166.67
1,1,1,2,2-Tetrachloroethane	170	U	170	30	ug/L			11/09/13 05:44	166.67
Tetrachloroethene	170	U	170	48	ug/L			11/09/13 05:44	166.67

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: GW-102913-SM-048**

**Date Collected: 10/29/13 13:50**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	170	U	170	22	ug/L			11/09/13 05:44	166.67
<b>Trichloroethene</b>	<b>1500</b>		170	28	ug/L			11/09/13 05:44	166.67
<b>Vinyl chloride</b>	<b>430</b>		170	37	ug/L			11/09/13 05:44	166.67
Xylenes, Total	330	U	330	23	ug/L			11/09/13 05:44	166.67
<b>1,1,1-Trichloroethane</b>	<b>140</b>	<b>J</b>	170	37	ug/L			11/09/13 05:44	166.67
1,1,2-Trichloroethane	170	U	170	45	ug/L			11/09/13 05:44	166.67
Cyclohexane	170	U	170	20	ug/L			11/09/13 05:44	166.67
1,2-Dibromo-3-Chloropropane	330	U	330	110	ug/L			11/09/13 05:44	166.67
Ethylene Dibromide	170	U	170	40	ug/L			11/09/13 05:44	166.67
Dichlorodifluoromethane	170	U	170	52	ug/L			11/09/13 05:44	166.67
<b>cis-1,2-Dichloroethene</b>	<b>14000</b>		170	28	ug/L			11/09/13 05:44	166.67
<b>trans-1,2-Dichloroethene</b>	<b>320</b>		170	32	ug/L			11/09/13 05:44	166.67
Isopropylbenzene	170	U	170	22	ug/L			11/09/13 05:44	166.67
Methyl acetate	1700	U	1700	63	ug/L			11/09/13 05:44	166.67
Methyl tert-butyl ether	170	U	170	28	ug/L			11/09/13 05:44	166.67
1,1,2-Trichloro-1,2,2-trifluoroethane	170	U	170	47	ug/L			11/09/13 05:44	166.67
1,2,4-Trichlorobenzene	170	U	170	25	ug/L			11/09/13 05:44	166.67
1,2-Dichlorobenzene	170	U	170	22	ug/L			11/09/13 05:44	166.67
1,3-Dichlorobenzene	170	U	170	23	ug/L			11/09/13 05:44	166.67
1,4-Dichlorobenzene	170	U	170	22	ug/L			11/09/13 05:44	166.67
Trichlorofluoromethane	170	U	170	35	ug/L			11/09/13 05:44	166.67
Chlorodibromomethane	170	U	170	30	ug/L			11/09/13 05:44	166.67
Methylcyclohexane	170	U	170	22	ug/L			11/09/13 05:44	166.67

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>1,2-Dichloroethane-d4 (Surr)</i>	94		63 - 129		11/09/13 05:44	166.67
<i>4-Bromofluorobenzene (Surr)</i>	90		66 - 117		11/09/13 05:44	166.67
<i>Toluene-d8 (Surr)</i>	97		74 - 115		11/09/13 05:44	166.67
<i>Dibromofluoromethane (Surr)</i>	97		75 - 121		11/09/13 05:44	166.67

**Client Sample ID: TB-102913-SM-049**

**Date Collected: 10/29/13 14:45**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>8.9</b>	<b>J B</b>	10	1.1	ug/L			11/09/13 06:06	1
Benzene	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/09/13 06:06	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/09/13 06:06	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/09/13 06:06	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/09/13 06:06	1
<b>Carbon disulfide</b>	<b>1.6</b>		1.0	0.13	ug/L			11/09/13 06:06	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 06:06	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/09/13 06:06	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/09/13 06:06	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/09/13 06:06	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/09/13 06:06	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 06:06	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 06:06	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/09/13 06:06	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Client Sample ID: TB-102913-SM-049**

**Date Collected: 10/29/13 14:45**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-11**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/09/13 06:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/09/13 06:06	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/09/13 06:06	1
2-Hexanone	10	U	10	0.41	ug/L			11/09/13 06:06	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/09/13 06:06	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/09/13 06:06	1
Styrene	1.0	U	1.0	0.11	ug/L			11/09/13 06:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/09/13 06:06	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/09/13 06:06	1
Toluene	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 06:06	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/09/13 06:06	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/09/13 06:06	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/09/13 06:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/09/13 06:06	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/09/13 06:06	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/09/13 06:06	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/09/13 06:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/09/13 06:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/09/13 06:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/09/13 06:06	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1
Methyl acetate	10	U	10	0.38	ug/L			11/09/13 06:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/09/13 06:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/09/13 06:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/09/13 06:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/09/13 06:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/09/13 06:06	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/09/13 06:06	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/09/13 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		63 - 129		11/09/13 06:06	1
4-Bromofluorobenzene (Surr)	88		66 - 117		11/09/13 06:06	1
Toluene-d8 (Surr)	93		74 - 115		11/09/13 06:06	1
Dibromofluoromethane (Surr)	92		75 - 121		11/09/13 06:06	1

TestAmerica Canton

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: RSK-175 - Dissolved Gases (GC)

**Client Sample ID: GW-102913-SM-044**

**Date Collected: 10/29/13 11:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Methane</b>	<b>4.4</b>	<b>B</b>	0.50	0.070	ug/L			10/31/13 10:18	1
Ethane	0.50	U	0.50	0.19	ug/L			10/31/13 10:18	1
<b>Ethylene</b>	<b>0.93</b>		0.50	0.18	ug/L			10/31/13 10:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	89		66 - 132					10/31/13 10:18	1

**Client Sample ID: GW-102913-SM-048**

**Date Collected: 10/29/13 13:50**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Methane</b>	<b>26</b>	<b>B</b>	0.50	0.070	ug/L			10/31/13 10:30	1
<b>Ethane</b>	<b>2.4</b>		0.50	0.19	ug/L			10/31/13 10:30	1
<b>Ethylene</b>	<b>6.8</b>		0.50	0.18	ug/L			10/31/13 10:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	87		66 - 132					10/31/13 10:30	1

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 6010B - Metals (ICP) - Dissolved

Client Sample ID: GW-102913-SM-044

Date Collected: 10/29/13 11:00

Date Received: 10/30/13 09:20

Lab Sample ID: 240-30821-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	320		15	0.41	ug/L		10/31/13 09:01	11/02/13 00:53	1

Client Sample ID: GW-102913-SM-048

Date Collected: 10/29/13 13:50

Date Received: 10/30/13 09:20

Lab Sample ID: 240-30821-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	230		15	0.41	ug/L		10/31/13 09:01	11/02/13 00:57	1



# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## General Chemistry

**Client Sample ID: GW-102913-SM-044**

**Date Collected: 10/29/13 11:00**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-6**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bicarbonate Alkalinity as CaCO3</b>	<b>370</b>		5.0	1.9	mg/L			11/06/13 13:34	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/06/13 13:34	1
<b>Hardness as calcium carbonate</b>	<b>520</b>		10	6.2	mg/L			11/05/13 08:28	1
<b>Chloride</b>	<b>20</b>		1.0	0.10	mg/L			10/31/13 03:50	1
Nitrite as N	0.10	U	0.10	0.012	mg/L			10/31/13 03:50	1
Nitrate as N	0.10	U	0.10	0.023	mg/L			10/31/13 03:50	1
<b>Sulfate</b>	<b>140</b>		1.0	0.12	mg/L			10/31/13 03:50	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 13:01	10/31/13 17:50	1
<b>Total Organic Carbon</b>	<b>4.5</b>		1.0	0.24	mg/L			11/01/13 09:20	1

**Client Sample ID: GW-102913-SM-048**

**Date Collected: 10/29/13 13:50**

**Date Received: 10/30/13 09:20**

**Lab Sample ID: 240-30821-10**

**Matrix: Water**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Bicarbonate Alkalinity as CaCO3</b>	<b>400</b>		5.0	1.9	mg/L			11/06/13 13:48	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/06/13 13:48	1
<b>Hardness as calcium carbonate</b>	<b>490</b>		10	6.2	mg/L			11/05/13 08:37	1
<b>Chloride</b>	<b>78</b>		1.0	0.10	mg/L			10/31/13 04:07	1
Nitrite as N	0.10	U	0.10	0.012	mg/L			10/31/13 04:07	1
Nitrate as N	0.10	U	0.10	0.023	mg/L			10/31/13 04:07	1
<b>Sulfate</b>	<b>110</b>		1.0	0.12	mg/L			10/31/13 04:07	1
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 13:01	10/31/13 17:53	1
<b>Total Organic Carbon</b>	<b>3.2</b>		1.0	0.24	mg/L			10/31/13 20:00	1

# Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## General Chemistry - Dissolved

Client Sample ID: GW-102913-SM-044

Date Collected: 10/29/13 11:00

Date Received: 10/30/13 09:20

Lab Sample ID: 240-30821-6

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	4.5		1.0	0.24	mg/L			11/06/13 10:24	1

Client Sample ID: GW-102913-SM-048

Date Collected: 10/29/13 13:50

Date Received: 10/30/13 09:20

Lab Sample ID: 240-30821-10

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	3.1		1.0	0.24	mg/L			11/06/13 09:21	1

# Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		12DCE (63-129)	BFB (66-117)	TOL (74-115)	DBFM (75-121)
240-30821-1	GW-102913-SM-039	113	79	83	107
240-30821-2	GW-102913-SM-040	92	90	96	93
240-30821-3	RB-102913-SM-041	87	87	94	89
240-30821-4	GW-102913-SM-042	92	90	95	92
240-30821-4 MS	GW-102913-SM-042	93	94	98	94
240-30821-4 MSD	GW-102913-SM-042	91	90	93	92
240-30821-5	SW-102913-SM-043	85	85	93	88
240-30821-6	GW-102913-SM-044	92	91	98	95
240-30821-7	SW-102913-SM-045	88	85	90	90
240-30821-8	GW-102913-SM-046	95	92	97	98
240-30821-9	GW-102913-SM-047	91	91	98	94
240-30821-10	GW-102913-SM-048	94	90	97	97
240-30821-11	TB-102913-SM-049	87	88	93	92
LCS 240-109046/4	Lab Control Sample	92	92	95	93
LCS 240-109121/4	Lab Control Sample	90	99	103	98
MB 240-109046/6	Method Blank	90	89	97	91
MB 240-109121/5	Method Blank	105	87	86	111

**Surrogate Legend**

- 12DCE = 1,2-Dichloroethane-d4 (Surr)
- BFB = 4-Bromofluorobenzene (Surr)
- TOL = Toluene-d8 (Surr)
- DBFM = Dibromofluoromethane (Surr)

## Method: RSK-175 - Dissolved Gases (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)
		Trifluoroeth (66-132)
240-30821-6	GW-102913-SM-044	89
240-30821-10	GW-102913-SM-048	87
LCS 240-107825/4	Lab Control Sample	111
MB 240-107825/5	Method Blank	111

**Surrogate Legend**

- 1,1,1-Trifluoroethane = 1,1,1-Trifluoroethane

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS)

**Lab Sample ID: MB 240-109046/6**

**Matrix: Water**

**Analysis Batch: 109046**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	2.70	J	10	1.1	ug/L			11/08/13 23:49	1
Benzene	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/08/13 23:49	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/08/13 23:49	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/08/13 23:49	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/08/13 23:49	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 23:49	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/08/13 23:49	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/08/13 23:49	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/08/13 23:49	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/08/13 23:49	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 23:49	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 23:49	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/08/13 23:49	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/08/13 23:49	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/08/13 23:49	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/08/13 23:49	1
2-Hexanone	10	U	10	0.41	ug/L			11/08/13 23:49	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/08/13 23:49	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/08/13 23:49	1
Styrene	1.0	U	1.0	0.11	ug/L			11/08/13 23:49	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/08/13 23:49	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/08/13 23:49	1
Toluene	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 23:49	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/08/13 23:49	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/08/13 23:49	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/08/13 23:49	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/08/13 23:49	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/08/13 23:49	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/08/13 23:49	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/08/13 23:49	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/08/13 23:49	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/08/13 23:49	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/08/13 23:49	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
Methyl acetate	10	U	10	0.38	ug/L			11/08/13 23:49	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/08/13 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/08/13 23:49	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/08/13 23:49	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/08/13 23:49	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/08/13 23:49	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/08/13 23:49	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/08/13 23:49	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-109046/6

Matrix: Water

Analysis Batch: 109046

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	90		63 - 129		11/08/13 23:49	1
4-Bromofluorobenzene (Surr)	89		66 - 117		11/08/13 23:49	1
Toluene-d8 (Surr)	97		74 - 115		11/08/13 23:49	1
Dibromofluoromethane (Surr)	91		75 - 121		11/08/13 23:49	1

Lab Sample ID: LCS 240-109046/4

Matrix: Water

Analysis Batch: 109046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
							Limits
Acetone	50.0	50.2		ug/L		100	43 - 136
Benzene	25.0	22.9		ug/L		92	83 - 112
Dichlorobromomethane	25.0	24.2		ug/L		97	72 - 121
Bromoform	25.0	22.0		ug/L		88	40 - 131
Bromomethane	25.0	17.6		ug/L		70	11 - 185
2-Butanone (MEK)	50.0	51.7		ug/L		103	60 - 126
Carbon disulfide	25.0	22.0		ug/L		88	62 - 142
Carbon tetrachloride	25.0	21.4		ug/L		85	66 - 128
Chlorobenzene	25.0	23.2		ug/L		93	85 - 110
Chloroethane	25.0	18.5		ug/L		74	25 - 153
Chloroform	25.0	23.4		ug/L		94	79 - 117
Chloromethane	25.0	17.9		ug/L		72	44 - 126
1,1-Dichloroethane	25.0	23.1		ug/L		92	82 - 115
1,2-Dichloroethane	25.0	25.3		ug/L		101	71 - 127
1,1-Dichloroethene	25.0	21.6		ug/L		86	78 - 131
1,2-Dichloropropane	25.0	23.1		ug/L		92	81 - 115
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	61 - 115
trans-1,3-Dichloropropene	25.0	27.2		ug/L		109	58 - 117
Ethylbenzene	25.0	23.4		ug/L		93	83 - 112
2-Hexanone	50.0	45.5		ug/L		91	55 - 133
Methylene Chloride	25.0	18.5		ug/L		74	66 - 131
4-Methyl-2-pentanone (MIBK)	50.0	49.0		ug/L		98	63 - 128
Styrene	25.0	23.9		ug/L		96	79 - 114
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	68 - 118
Tetrachloroethene	25.0	23.6		ug/L		94	79 - 114
Toluene	25.0	21.6		ug/L		86	84 - 111
Trichloroethene	25.0	23.8		ug/L		95	76 - 117
Vinyl chloride	25.0	19.8		ug/L		79	53 - 127
Xylenes, Total	50.0	47.3		ug/L		95	83 - 112
1,1,1-Trichloroethane	25.0	22.8		ug/L		91	74 - 118
1,1,2-Trichloroethane	25.0	23.4		ug/L		94	80 - 112
Cyclohexane	25.0	20.3		ug/L		81	54 - 121
1,2-Dibromo-3-Chloropropane	25.0	24.6		ug/L		98	42 - 136
Ethylene Dibromide	25.0	25.4		ug/L		101	79 - 113
Dichlorodifluoromethane	25.0	16.4		ug/L		65	19 - 129
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	80 - 113
trans-1,2-Dichloroethene	25.0	22.3		ug/L		89	83 - 117
Isopropylbenzene	25.0	23.8		ug/L		95	75 - 114

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: LCS 240-109046/4**

**Matrix: Water**

**Analysis Batch: 109046**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl acetate	125	126		ug/L		101	58 - 131
Methyl tert-butyl ether	25.0	24.7		ug/L		99	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.0		ug/L		80	74 - 151
1,2,4-Trichlorobenzene	25.0	23.1		ug/L		92	48 - 135
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	81 - 110
1,3-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 110
1,4-Dichlorobenzene	25.0	22.1		ug/L		88	82 - 110
Trichlorofluoromethane	25.0	19.1		ug/L		76	49 - 157
Chlorodibromomethane	25.0	25.2		ug/L		101	64 - 119
Methylcyclohexane	25.0	20.4		ug/L		82	56 - 127
m-Xylene & p-Xylene	25.0	23.4		ug/L		94	83 - 113
o-Xylene	25.0	23.9		ug/L		95	83 - 113

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		63 - 129
4-Bromofluorobenzene (Surr)	92		66 - 117
Toluene-d8 (Surr)	95		74 - 115
Dibromofluoromethane (Surr)	93		75 - 121

**Lab Sample ID: 240-30821-4 MS**

**Matrix: Water**

**Analysis Batch: 109046**

**Client Sample ID: GW-102913-SM-042**

**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetone	2.7	J B	50.0	43.9		ug/L		83	33 - 145
Benzene	1.0	U	25.0	23.3		ug/L		93	72 - 121
Dichlorobromomethane	1.0	U	25.0	24.4		ug/L		98	67 - 120
Bromoform	1.0	U	25.0	21.9		ug/L		88	32 - 128
Bromomethane	1.0	U	25.0	18.5		ug/L		74	10 - 186
2-Butanone (MEK)	10	U	50.0	45.9		ug/L		92	54 - 129
Carbon disulfide	0.64	J	25.0	23.4		ug/L		91	57 - 147
Carbon tetrachloride	1.0	U	25.0	21.7		ug/L		87	59 - 129
Chlorobenzene	1.0	U	25.0	23.5		ug/L		94	80 - 110
Chloroethane	1.0	U	25.0	18.9		ug/L		76	21 - 165
Chloroform	1.0	U	25.0	24.1		ug/L		96	76 - 118
Chloromethane	1.0	U	25.0	17.8		ug/L		71	33 - 132
1,1-Dichloroethane	1.0	U	25.0	23.4		ug/L		93	79 - 116
1,2-Dichloroethane	1.0	U	25.0	25.5		ug/L		102	68 - 129
1,1-Dichloroethene	1.0	U	25.0	21.8		ug/L		87	74 - 135
1,2-Dichloropropane	1.0	U	25.0	23.5		ug/L		94	78 - 115
cis-1,3-Dichloropropene	1.0	U	25.0	23.5		ug/L		94	51 - 110
trans-1,3-Dichloropropene	1.0	U	25.0	26.6		ug/L		107	46 - 116
Ethylbenzene	1.0	U	25.0	23.2		ug/L		93	75 - 116
2-Hexanone	10	U	50.0	44.3		ug/L		89	47 - 139
Methylene Chloride	1.0	U	25.0	18.2		ug/L		73	63 - 128
4-Methyl-2-pentanone (MIBK)	10	U	50.0	46.2		ug/L		92	56 - 131
Styrene	1.0	U	25.0	24.0		ug/L		96	71 - 117

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-30821-4 MS**

**Matrix: Water**

**Analysis Batch: 109046**

**Client Sample ID: GW-102913-SM-042**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1,2,2-Tetrachloroethane	1.0	U	25.0	22.9		ug/L		92	63 - 122
Tetrachloroethene	1.0	U	25.0	23.1		ug/L		92	70 - 117
Toluene	1.0	U	25.0	21.9		ug/L		87	78 - 114
Trichloroethene	1.0	U	25.0	23.4		ug/L		93	66 - 120
Vinyl chloride	1.0	U	25.0	18.7		ug/L		75	49 - 130
Xylenes, Total	2.0	U	50.0	46.9		ug/L		94	76 - 116
1,1,1-Trichloroethane	1.0	U	25.0	23.0		ug/L		92	68 - 121
1,1,2-Trichloroethane	1.0	U	25.0	23.8		ug/L		95	75 - 115
Cyclohexane	1.0	U	25.0	20.0		ug/L		80	49 - 123
1,2-Dibromo-3-Chloropropane	2.0	U	25.0	22.3		ug/L		89	32 - 139
Ethylene Dibromide	1.0	U	25.0	25.3		ug/L		101	74 - 113
Dichlorodifluoromethane	1.0	U	25.0	16.0		ug/L		64	17 - 128
cis-1,2-Dichloroethene	1.0	U	25.0	23.3		ug/L		93	70 - 120
trans-1,2-Dichloroethene	1.0	U	25.0	22.9		ug/L		92	80 - 119
Isopropylbenzene	1.0	U	25.0	23.5		ug/L		94	68 - 116
Methyl acetate	10	U	125	119		ug/L		95	47 - 130
Methyl tert-butyl ether	1.0	U	25.0	24.4		ug/L		97	46 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	19.9		ug/L		80	70 - 152
1,2,4-Trichlorobenzene	1.0	U	25.0	21.0		ug/L		84	38 - 138
1,2-Dichlorobenzene	1.0	U	25.0	22.2		ug/L		89	75 - 111
1,3-Dichlorobenzene	1.0	U	25.0	21.4		ug/L		86	73 - 110
1,4-Dichlorobenzene	1.0	U	25.0	21.3		ug/L		85	75 - 110
Trichlorofluoromethane	1.0	U	25.0	18.3		ug/L		73	46 - 157
Chlorodibromomethane	1.0	U	25.0	25.8		ug/L		103	56 - 118
Methylcyclohexane	1.0	U	25.0	19.9		ug/L		80	49 - 127
m-Xylene & p-Xylene	2.0		25.0	23.0		ug/L		92	75 - 117
o-Xylene	1.0		25.0	23.9		ug/L		96	76 - 116

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		63 - 129
4-Bromofluorobenzene (Surr)	94		66 - 117
Toluene-d8 (Surr)	98		74 - 115
Dibromofluoromethane (Surr)	94		75 - 121

**Lab Sample ID: 240-30821-4 MSD**

**Matrix: Water**

**Analysis Batch: 109046**

**Client Sample ID: GW-102913-SM-042**

**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acetone	2.7	J B	50.0	48.1		ug/L		91	33 - 145	9	30
Benzene	1.0	U	25.0	22.2		ug/L		89	72 - 121	5	30
Dichlorobromomethane	1.0	U	25.0	24.1		ug/L		97	67 - 120	1	30
Bromoform	1.0	U	25.0	23.2		ug/L		93	32 - 128	6	30
Bromomethane	1.0	U	25.0	17.6		ug/L		70	10 - 186	5	30
2-Butanone (MEK)	10	U	50.0	52.0		ug/L		104	54 - 129	13	30
Carbon disulfide	0.64	J	25.0	21.4		ug/L		83	57 - 147	9	30
Carbon tetrachloride	1.0	U	25.0	20.2		ug/L		81	59 - 129	7	30

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-30821-4 MSD

Client Sample ID: GW-102913-SM-042

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 109046

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Chlorobenzene	1.0	U	25.0	22.8		ug/L		91	80 - 110	3	30
Chloroethane	1.0	U	25.0	18.7		ug/L		75	21 - 165	1	30
Chloroform	1.0	U	25.0	23.7		ug/L		95	76 - 118	2	30
Chloromethane	1.0	U	25.0	17.3		ug/L		69	33 - 132	3	30
1,1-Dichloroethane	1.0	U	25.0	22.8		ug/L		91	79 - 116	2	30
1,2-Dichloroethane	1.0	U	25.0	25.5		ug/L		102	68 - 129	0	30
1,1-Dichloroethene	1.0	U	25.0	20.4		ug/L		82	74 - 135	7	30
1,2-Dichloropropane	1.0	U	25.0	23.2		ug/L		93	78 - 115	1	30
cis-1,3-Dichloropropene	1.0	U	25.0	23.5		ug/L		94	51 - 110	0	30
trans-1,3-Dichloropropene	1.0	U	25.0	27.2		ug/L		109	46 - 116	2	30
Ethylbenzene	1.0	U	25.0	22.2		ug/L		89	75 - 116	4	30
2-Hexanone	10	U	50.0	48.8		ug/L		98	47 - 139	10	30
Methylene Chloride	1.0	U	25.0	18.1		ug/L		72	63 - 128	1	30
4-Methyl-2-pentanone (MIBK)	10	U	50.0	52.2		ug/L		104	56 - 131	12	30
Styrene	1.0	U	25.0	23.2		ug/L		93	71 - 117	3	30
1,1,2,2-Tetrachloroethane	1.0	U	25.0	25.0		ug/L		100	63 - 122	9	30
Tetrachloroethene	1.0	U	25.0	21.7		ug/L		87	70 - 117	6	30
Toluene	1.0	U	25.0	20.7		ug/L		83	78 - 114	5	30
Trichloroethene	1.0	U	25.0	22.3		ug/L		89	66 - 120	5	30
Vinyl chloride	1.0	U	25.0	18.7		ug/L		75	49 - 130	0	30
Xylenes, Total	2.0	U	50.0	45.4		ug/L		91	76 - 116	3	30
1,1,1-Trichloroethane	1.0	U	25.0	22.1		ug/L		88	68 - 121	4	30
1,1,2-Trichloroethane	1.0	U	25.0	23.8		ug/L		95	75 - 115	0	30
Cyclohexane	1.0	U	25.0	18.5		ug/L		74	49 - 123	8	30
1,2-Dibromo-3-Chloropropane	2.0	U	25.0	26.5		ug/L		106	32 - 139	17	30
Ethylene Dibromide	1.0	U	25.0	25.8		ug/L		103	74 - 113	2	30
Dichlorodifluoromethane	1.0	U	25.0	15.5		ug/L		62	17 - 128	3	30
cis-1,2-Dichloroethene	1.0	U	25.0	22.9		ug/L		91	70 - 120	2	30
trans-1,2-Dichloroethene	1.0	U	25.0	22.0		ug/L		88	80 - 119	4	30
Isopropylbenzene	1.0	U	25.0	22.4		ug/L		89	68 - 116	5	30
Methyl acetate	10	U	125	127		ug/L		102	47 - 130	7	30
Methyl tert-butyl ether	1.0	U	25.0	25.8		ug/L		103	46 - 144	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	25.0	18.7		ug/L		75	70 - 152	7	30
1,2,4-Trichlorobenzene	1.0	U	25.0	22.0		ug/L		88	38 - 138	5	30
1,2-Dichlorobenzene	1.0	U	25.0	23.0		ug/L		92	75 - 111	4	30
1,3-Dichlorobenzene	1.0	U	25.0	21.9		ug/L		88	73 - 110	2	30
1,4-Dichlorobenzene	1.0	U	25.0	22.0		ug/L		88	75 - 110	3	30
Trichlorofluoromethane	1.0	U	25.0	18.3		ug/L		73	46 - 157	0	30
Chlorodibromomethane	1.0	U	25.0	26.2		ug/L		105	56 - 118	1	30
Methylcyclohexane	1.0	U	25.0	18.2		ug/L		73	49 - 127	9	30
m-Xylene & p-Xylene	2.0		25.0	22.2		ug/L		89	75 - 117	3	30
o-Xylene	1.0		25.0	23.2		ug/L		93	76 - 116	3	30

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	91		63 - 129
4-Bromofluorobenzene (Surr)	90		66 - 117
Toluene-d8 (Surr)	93		74 - 115

TestAmerica Canton



# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: 240-30821-4 MSD**

**Matrix: Water**

**Analysis Batch: 109046**

**Client Sample ID: GW-102913-SM-042**

**Prep Type: Total/NA**

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
<i>Dibromofluoromethane (Surr)</i>	92		75 - 121

**Lab Sample ID: MB 240-109121/5**

**Matrix: Water**

**Analysis Batch: 109121**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	10	U	10	1.1	ug/L			11/10/13 10:21	1
Benzene	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
Dichlorobromomethane	1.0	U	1.0	0.15	ug/L			11/10/13 10:21	1
Bromoform	1.0	U	1.0	0.64	ug/L			11/10/13 10:21	1
Bromomethane	1.0	U	1.0	0.41	ug/L			11/10/13 10:21	1
2-Butanone (MEK)	10	U	10	0.57	ug/L			11/10/13 10:21	1
Carbon disulfide	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
Carbon tetrachloride	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
Chlorobenzene	1.0	U	1.0	0.15	ug/L			11/10/13 10:21	1
Chloroethane	1.0	U	1.0	0.29	ug/L			11/10/13 10:21	1
Chloroform	1.0	U	1.0	0.16	ug/L			11/10/13 10:21	1
Chloromethane	1.0	U	1.0	0.30	ug/L			11/10/13 10:21	1
1,1-Dichloroethane	1.0	U	1.0	0.15	ug/L			11/10/13 10:21	1
1,2-Dichloroethane	1.0	U	1.0	0.22	ug/L			11/10/13 10:21	1
1,1-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/10/13 10:21	1
1,2-Dichloropropane	1.0	U	1.0	0.18	ug/L			11/10/13 10:21	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.14	ug/L			11/10/13 10:21	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.19	ug/L			11/10/13 10:21	1
Ethylbenzene	1.0	U	1.0	0.17	ug/L			11/10/13 10:21	1
2-Hexanone	10	U	10	0.41	ug/L			11/10/13 10:21	1
Methylene Chloride	1.0	U	1.0	0.33	ug/L			11/10/13 10:21	1
4-Methyl-2-pentanone (MIBK)	10	U	10	0.32	ug/L			11/10/13 10:21	1
Styrene	1.0	U	1.0	0.11	ug/L			11/10/13 10:21	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18	ug/L			11/10/13 10:21	1
Tetrachloroethene	1.0	U	1.0	0.29	ug/L			11/10/13 10:21	1
Toluene	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
Trichloroethene	1.0	U	1.0	0.17	ug/L			11/10/13 10:21	1
Vinyl chloride	1.0	U	1.0	0.22	ug/L			11/10/13 10:21	1
Xylenes, Total	2.0	U	2.0	0.14	ug/L			11/10/13 10:21	1
1,1,1-Trichloroethane	1.0	U	1.0	0.22	ug/L			11/10/13 10:21	1
1,1,2-Trichloroethane	1.0	U	1.0	0.27	ug/L			11/10/13 10:21	1
Cyclohexane	1.0	U	1.0	0.12	ug/L			11/10/13 10:21	1
1,2-Dibromo-3-Chloropropane	2.0	U	2.0	0.67	ug/L			11/10/13 10:21	1
Ethylene Dibromide	1.0	U	1.0	0.24	ug/L			11/10/13 10:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			11/10/13 10:21	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.17	ug/L			11/10/13 10:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.19	ug/L			11/10/13 10:21	1
Isopropylbenzene	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
Methyl acetate	10	U	10	0.38	ug/L			11/10/13 10:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.17	ug/L			11/10/13 10:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28	ug/L			11/10/13 10:21	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

**Lab Sample ID: MB 240-109121/5**

**Matrix: Water**

**Analysis Batch: 109121**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,2,4-Trichlorobenzene	1.0	U	1.0	0.15	ug/L			11/10/13 10:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.14	ug/L			11/10/13 10:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1
Trichlorofluoromethane	1.0	U	1.0	0.21	ug/L			11/10/13 10:21	1
Chlorodibromomethane	1.0	U	1.0	0.18	ug/L			11/10/13 10:21	1
Methylcyclohexane	1.0	U	1.0	0.13	ug/L			11/10/13 10:21	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	105		63 - 129		11/10/13 10:21	1
4-Bromofluorobenzene (Surr)	87		66 - 117		11/10/13 10:21	1
Toluene-d8 (Surr)	86		74 - 115		11/10/13 10:21	1
Dibromofluoromethane (Surr)	111		75 - 121		11/10/13 10:21	1

**Lab Sample ID: LCS 240-109121/4**

**Matrix: Water**

**Analysis Batch: 109121**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.0		ug/L		110	83 - 112
Dichlorobromomethane	10.0	10.7		ug/L		107	72 - 121
Bromoform	10.0	8.57		ug/L		86	40 - 131
Bromomethane	10.0	11.0		ug/L		110	11 - 185
2-Butanone (MEK)	20.0	18.0		ug/L		90	60 - 126
Carbon disulfide	10.0	11.1		ug/L		111	62 - 142
Carbon tetrachloride	10.0	11.1		ug/L		111	66 - 128
Chlorobenzene	10.0	10.2		ug/L		102	85 - 110
Chloroethane	10.0	9.45		ug/L		94	25 - 153
Chloroform	10.0	10.4		ug/L		104	79 - 117
Chloromethane	10.0	10.2		ug/L		102	44 - 126
1,1-Dichloroethane	10.0	11.2		ug/L		112	82 - 115
1,2-Dichloroethane	10.0	9.44		ug/L		94	71 - 127
1,1-Dichloroethene	10.0	10.6		ug/L		106	78 - 131
1,2-Dichloropropane	10.0	11.5		ug/L		115	81 - 115
cis-1,3-Dichloropropene	10.0	9.15		ug/L		91	61 - 115
trans-1,3-Dichloropropene	10.0	10.5		ug/L		105	58 - 117
Ethylbenzene	10.0	10.4		ug/L		104	83 - 112
2-Hexanone	20.0	23.6		ug/L		118	55 - 133
Methylene Chloride	10.0	11.4		ug/L		114	66 - 131
4-Methyl-2-pentanone (MIBK)	20.0	19.6		ug/L		98	63 - 128
Styrene	10.0	10.7		ug/L		107	79 - 114
1,1,2,2-Tetrachloroethane	10.0	8.79		ug/L		88	68 - 118
Tetrachloroethene	10.0	9.96		ug/L		100	79 - 114
Toluene	10.0	9.57		ug/L		96	84 - 111
Trichloroethene	10.0	9.62		ug/L		96	76 - 117
Vinyl chloride	10.0	10.8		ug/L		108	53 - 127
Xylenes, Total	20.0	21.1		ug/L		106	83 - 112

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 240-109121/4

Matrix: Water

Analysis Batch: 109121

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	10.0	10.9		ug/L		109	74 - 118
1,1,2-Trichloroethane	10.0	9.94		ug/L		99	80 - 112
Cyclohexane	10.0	11.0		ug/L		110	54 - 121
1,2-Dibromo-3-Chloropropane	10.0	7.18		ug/L		72	42 - 136
Ethylene Dibromide	10.0	9.38		ug/L		94	79 - 113
Dichlorodifluoromethane	10.0	8.95		ug/L		90	19 - 129
cis-1,2-Dichloroethene	10.0	10.4		ug/L		104	80 - 113
trans-1,2-Dichloroethene	10.0	11.1		ug/L		111	83 - 117
Isopropylbenzene	10.0	10.7		ug/L		107	75 - 114
Methyl acetate	50.0	45.3		ug/L		91	58 - 131
Methyl tert-butyl ether	10.0	8.64		ug/L		86	52 - 144
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	11.6		ug/L		116	74 - 151
1,2,4-Trichlorobenzene	10.0	7.51		ug/L		75	48 - 135
1,2-Dichlorobenzene	10.0	9.68		ug/L		97	81 - 110
1,3-Dichlorobenzene	10.0	9.85		ug/L		99	80 - 110
1,4-Dichlorobenzene	10.0	9.76		ug/L		98	82 - 110
Trichlorofluoromethane	10.0	12.4		ug/L		124	49 - 157
Chlorodibromomethane	10.0	9.69		ug/L		97	64 - 119
Methylcyclohexane	10.0	10.7		ug/L		107	56 - 127
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	83 - 113
o-Xylene	10.0	10.6		ug/L		106	83 - 113

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	90		63 - 129
4-Bromofluorobenzene (Surr)	99		66 - 117
Toluene-d8 (Surr)	103		74 - 115
Dibromofluoromethane (Surr)	98		75 - 121

## Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 240-107825/5

Matrix: Water

Analysis Batch: 107825

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Methane	0.100	J	0.50	0.070	ug/L			10/31/13 10:06	1
Ethane	0.50	U	0.50	0.19	ug/L			10/31/13 10:06	1
Ethylene	0.50	U	0.50	0.18	ug/L			10/31/13 10:06	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,1,1-Trifluoroethane	111		66 - 132		10/31/13 10:06	1

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 240-107825/4

Matrix: Water

Analysis Batch: 107825

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	116	103		ug/L		89	76 - 120
Ethane	218	196		ug/L		90	80 - 120
Ethylene	203	191		ug/L		94	81 - 120
Surrogate	LCS %Recovery		LCS Qualifier	Limits			
1,1,1-Trifluoroethane	111			66 - 132			

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 240-107859/1-A

Matrix: Water

Analysis Batch: 108192

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 107859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	15	U	15	0.41	ug/L		10/31/13 09:01	11/01/13 22:59	1

Lab Sample ID: LCS 240-107859/2-A

Matrix: Water

Analysis Batch: 108192

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 107859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Manganese	500	478		ug/L		96	80 - 120

## Method: 2320B-1997 - Alkalinity, Total

Lab Sample ID: MB 240-108756/5

Matrix: Water

Analysis Batch: 108756

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bicarbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/06/13 11:39	1
Carbonate Alkalinity as CaCO3	5.0	U	5.0	1.9	mg/L			11/06/13 11:39	1

## Method: 2340C-1997 - Hardness, Total

Lab Sample ID: MB 240-108379/4

Matrix: Water

Analysis Batch: 108379

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hardness as calcium carbonate	5.0	U	5.0	3.1	mg/L			11/05/13 08:19	1

Lab Sample ID: LCS 240-108379/5

Matrix: Water

Analysis Batch: 108379

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Hardness as calcium carbonate	312	295		mg/L		95	88 - 110

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 2340C-1997 - Hardness, Total (Continued)

**Lab Sample ID: 240-30821-6 MS**  
**Matrix: Water**  
**Analysis Batch: 108379**

**Client Sample ID: GW-102913-SM-044**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Hardness as calcium carbonate	520		1000	1540		mg/L		102	87 - 114

**Lab Sample ID: 240-30821-6 MSD**  
**Matrix: Water**  
**Analysis Batch: 108379**

**Client Sample ID: GW-102913-SM-044**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hardness as calcium carbonate	520		1000	1560		mg/L		104	87 - 114	1	20

**Lab Sample ID: 240-30821-6 DU**  
**Matrix: Water**  
**Analysis Batch: 108379**

**Client Sample ID: GW-102913-SM-044**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Hardness as calcium carbonate	520		528		mg/L		1	20

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID: MB 240-107704/61**  
**Matrix: Water**  
**Analysis Batch: 107704**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.0	U	1.0	0.10	mg/L			10/31/13 03:32	1
Sulfate	1.0	U	1.0	0.12	mg/L			10/31/13 03:32	1

**Lab Sample ID: LCS 240-107704/60**  
**Matrix: Water**  
**Analysis Batch: 107704**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	54.3		mg/L		109	90 - 110
Sulfate	50.0	50.8		mg/L		102	90 - 110

**Lab Sample ID: 240-30821-10 MS**  
**Matrix: Water**  
**Analysis Batch: 107704**

**Client Sample ID: GW-102913-SM-048**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	78		50.0	139	F	mg/L		121	80 - 120
Sulfate	110		50.0	176	F	mg/L		127	80 - 120

**Lab Sample ID: 240-30821-10 MSD**  
**Matrix: Water**  
**Analysis Batch: 107704**

**Client Sample ID: GW-102913-SM-048**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	78		50.0	138		mg/L		119	80 - 120	1	20
Sulfate	110		50.0	175	F	mg/L		124	80 - 120	1	20

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: MB 240-107805/61**  
**Matrix: Water**  
**Analysis Batch: 107805**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrite as N	0.10	U	0.10	0.012	mg/L			10/31/13 03:32	1
Nitrate as N	0.10	U	0.10	0.023	mg/L			10/31/13 03:32	1

**Lab Sample ID: LCS 240-107805/60**  
**Matrix: Water**  
**Analysis Batch: 107805**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	2.50	2.54		mg/L		102	90 - 110
Nitrate as N	2.50	2.66		mg/L		107	90 - 110

**Lab Sample ID: 240-30821-10 MS**  
**Matrix: Water**  
**Analysis Batch: 107805**

**Client Sample ID: GW-102913-SM-048**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrite as N	0.10	U	2.50	2.84		mg/L		114	80 - 120
Nitrate as N	0.10	U	2.50	2.68		mg/L		107	80 - 120

**Lab Sample ID: 240-30821-10 MSD**  
**Matrix: Water**  
**Analysis Batch: 107805**

**Client Sample ID: GW-102913-SM-048**  
**Prep Type: Total/NA**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Nitrite as N	0.10	U	2.50	2.75		mg/L		110	80 - 120	3	20
Nitrate as N	0.10	U	2.50	2.63		mg/L		105	80 - 120	2	20

## Method: 9034 - Sulfide, Acid soluble and Insoluble (Titrimetric)

**Lab Sample ID: MB 240-107876/1-A**  
**Matrix: Water**  
**Analysis Batch: 107986**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 107876**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	3.0	U	3.0	0.94	mg/L		10/31/13 09:50	10/31/13 16:48	1

**Lab Sample ID: LCS 240-107876/2-A**  
**Matrix: Water**  
**Analysis Batch: 107986**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 107876**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfide	8.76	8.10		mg/L		92	70 - 130

TestAmerica Canton

# QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Method: 9060 - Organic Carbon, Total (TOC)

**Lab Sample ID: MB 240-108061/3**

**Matrix: Water**

**Analysis Batch: 108061**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.0	U	1.0	0.24	mg/L			10/31/13 15:50	1

**Lab Sample ID: LCS 240-108061/4**

**Matrix: Water**

**Analysis Batch: 108061**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	40.8	41.7		mg/L		102	88 - 115

## Method: 9060 - Organic Carbon, Dissolved (DOC)

**Lab Sample ID: MB 240-108646/3**

**Matrix: Water**

**Analysis Batch: 108646**

**Client Sample ID: Method Blank**

**Prep Type: Dissolved**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dissolved Organic Carbon	1.0	U	1.0	0.24	mg/L			11/06/13 09:00	1

**Lab Sample ID: LCS 240-108646/4**

**Matrix: Water**

**Analysis Batch: 108646**

**Client Sample ID: Lab Control Sample**

**Prep Type: Dissolved**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	40.8	42.4		mg/L		104	88 - 115

**Lab Sample ID: 240-30821-10 MS**

**Matrix: Water**

**Analysis Batch: 108646**

**Client Sample ID: GW-102913-SM-048**

**Prep Type: Dissolved**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Dissolved Organic Carbon	3.1		25.0	29.7		mg/L		106	72 - 136

**Lab Sample ID: 240-30821-10 MSD**

**Matrix: Water**

**Analysis Batch: 108646**

**Client Sample ID: GW-102913-SM-048**

**Prep Type: Dissolved**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dissolved Organic Carbon	3.1		25.0	30.0		mg/L		108	72 - 136	1	20

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## GC/MS VOA

### Analysis Batch: 109046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-2	GW-102913-SM-040	Total/NA	Water	8260B	
240-30821-3	RB-102913-SM-041	Total/NA	Water	8260B	
240-30821-4	GW-102913-SM-042	Total/NA	Water	8260B	
240-30821-4 MS	GW-102913-SM-042	Total/NA	Water	8260B	
240-30821-4 MSD	GW-102913-SM-042	Total/NA	Water	8260B	
240-30821-5	SW-102913-SM-043	Total/NA	Water	8260B	
240-30821-6	GW-102913-SM-044	Total/NA	Water	8260B	
240-30821-7	SW-102913-SM-045	Total/NA	Water	8260B	
240-30821-8	GW-102913-SM-046	Total/NA	Water	8260B	
240-30821-9	GW-102913-SM-047	Total/NA	Water	8260B	
240-30821-10	GW-102913-SM-048	Total/NA	Water	8260B	
240-30821-11	TB-102913-SM-049	Total/NA	Water	8260B	
LCS 240-109046/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-109046/6	Method Blank	Total/NA	Water	8260B	

### Analysis Batch: 109121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-1	GW-102913-SM-039	Total/NA	Water	8260B	
LCS 240-109121/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-109121/5	Method Blank	Total/NA	Water	8260B	

## GC VOA

### Analysis Batch: 107825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	RSK-175	
240-30821-10	GW-102913-SM-048	Total/NA	Water	RSK-175	
LCS 240-107825/4	Lab Control Sample	Total/NA	Water	RSK-175	
MB 240-107825/5	Method Blank	Total/NA	Water	RSK-175	

## Metals

### Prep Batch: 107859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Dissolved	Water	3005A	
240-30821-10	GW-102913-SM-048	Dissolved	Water	3005A	
LCS 240-107859/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-107859/1-A	Method Blank	Total Recoverable	Water	3005A	

### Analysis Batch: 108192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Dissolved	Water	6010B	107859
240-30821-10	GW-102913-SM-048	Dissolved	Water	6010B	107859
LCS 240-107859/2-A	Lab Control Sample	Total Recoverable	Water	6010B	107859
MB 240-107859/1-A	Method Blank	Total Recoverable	Water	6010B	107859

TestAmerica Canton



# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## General Chemistry

### Analysis Batch: 107704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	300.0	
240-30821-10	GW-102913-SM-048	Total/NA	Water	300.0	
240-30821-10 MS	GW-102913-SM-048	Total/NA	Water	300.0	
240-30821-10 MSD	GW-102913-SM-048	Total/NA	Water	300.0	
LCS 240-107704/60	Lab Control Sample	Total/NA	Water	300.0	
MB 240-107704/61	Method Blank	Total/NA	Water	300.0	

### Analysis Batch: 107805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	300.0	
240-30821-10	GW-102913-SM-048	Total/NA	Water	300.0	
240-30821-10 MS	GW-102913-SM-048	Total/NA	Water	300.0	
240-30821-10 MSD	GW-102913-SM-048	Total/NA	Water	300.0	
LCS 240-107805/60	Lab Control Sample	Total/NA	Water	300.0	
MB 240-107805/61	Method Blank	Total/NA	Water	300.0	

### Prep Batch: 107876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	9030B	
240-30821-10	GW-102913-SM-048	Total/NA	Water	9030B	
LCS 240-107876/2-A	Lab Control Sample	Total/NA	Water	9030B	
MB 240-107876/1-A	Method Blank	Total/NA	Water	9030B	

### Analysis Batch: 107986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	9034	107876
240-30821-10	GW-102913-SM-048	Total/NA	Water	9034	107876
LCS 240-107876/2-A	Lab Control Sample	Total/NA	Water	9034	107876
MB 240-107876/1-A	Method Blank	Total/NA	Water	9034	107876

### Analysis Batch: 108061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	9060	
240-30821-10	GW-102913-SM-048	Total/NA	Water	9060	
LCS 240-108061/4	Lab Control Sample	Total/NA	Water	9060	
MB 240-108061/3	Method Blank	Total/NA	Water	9060	

### Analysis Batch: 108379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	2340C-1997	
240-30821-6 DU	GW-102913-SM-044	Total/NA	Water	2340C-1997	
240-30821-6 MS	GW-102913-SM-044	Total/NA	Water	2340C-1997	
240-30821-6 MSD	GW-102913-SM-044	Total/NA	Water	2340C-1997	
240-30821-10	GW-102913-SM-048	Total/NA	Water	2340C-1997	
LCS 240-108379/5	Lab Control Sample	Total/NA	Water	2340C-1997	
MB 240-108379/4	Method Blank	Total/NA	Water	2340C-1997	

### Analysis Batch: 108646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Dissolved	Water	9060	
240-30821-10	GW-102913-SM-048	Dissolved	Water	9060	

TestAmerica Canton

# QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## General Chemistry (Continued)

### Analysis Batch: 108646 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-10 MS	GW-102913-SM-048	Dissolved	Water	9060	
240-30821-10 MSD	GW-102913-SM-048	Dissolved	Water	9060	
LCS 240-108646/4	Lab Control Sample	Dissolved	Water	9060	
MB 240-108646/3	Method Blank	Dissolved	Water	9060	

### Analysis Batch: 108756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-30821-6	GW-102913-SM-044	Total/NA	Water	2320B-1997	
240-30821-10	GW-102913-SM-048	Total/NA	Water	2320B-1997	
MB 240-108756/5	Method Blank	Total/NA	Water	2320B-1997	

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

**Client Sample ID: GW-102913-SM-039**

**Lab Sample ID: 240-30821-1**

Date Collected: 10/29/13 09:12

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109121	11/10/13 15:56	LEE	TAL CAN

**Client Sample ID: GW-102913-SM-040**

**Lab Sample ID: 240-30821-2**

Date Collected: 10/29/13 09:15

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 02:47	RJQ	TAL CAN

**Client Sample ID: RB-102913-SM-041**

**Lab Sample ID: 240-30821-3**

Date Collected: 10/29/13 09:20

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 03:09	RJQ	TAL CAN

**Client Sample ID: GW-102913-SM-042**

**Lab Sample ID: 240-30821-4**

Date Collected: 10/29/13 10:12

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 03:31	RJQ	TAL CAN

**Client Sample ID: SW-102913-SM-043**

**Lab Sample ID: 240-30821-5**

Date Collected: 10/29/13 10:35

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 03:53	RJQ	TAL CAN

**Client Sample ID: GW-102913-SM-044**

**Lab Sample ID: 240-30821-6**

Date Collected: 10/29/13 11:00

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 04:16	RJQ	TAL CAN
Total/NA	Analysis	RSK-175		1	107825	10/31/13 10:18	CHJ	TAL CAN
Dissolved	Prep	3005A			107859	10/31/13 09:01	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108192	11/02/13 00:53	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107704	10/31/13 03:50	JMB	TAL CAN
Total/NA	Analysis	300.0		1	107805	10/31/13 03:50	KMG	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Client Sample ID: GW-102913-SM-044

## Lab Sample ID: 240-30821-6

Date Collected: 10/29/13 11:00

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9030B			107876	10/31/13 13:01	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 17:50	JMB	TAL CAN
Total/NA	Analysis	9060		1	108061	11/01/13 09:20	TPH	TAL CAN
Total/NA	Analysis	2340C-1997		1	108379	11/05/13 08:28	TPH	TAL CAN
Dissolved	Analysis	9060		1	108646	11/06/13 10:24	TPH	TAL CAN
Total/NA	Analysis	2320B-1997		1	108756	11/06/13 13:34	LKG	TAL CAN

## Client Sample ID: SW-102913-SM-045

## Lab Sample ID: 240-30821-7

Date Collected: 10/29/13 11:35

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 04:38	RJQ	TAL CAN

## Client Sample ID: GW-102913-SM-046

## Lab Sample ID: 240-30821-8

Date Collected: 10/29/13 12:00

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		66.67	109046	11/09/13 05:00	RJQ	TAL CAN

## Client Sample ID: GW-102913-SM-047

## Lab Sample ID: 240-30821-9

Date Collected: 10/29/13 13:00

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	109046	11/09/13 05:22	RJQ	TAL CAN

## Client Sample ID: GW-102913-SM-048

## Lab Sample ID: 240-30821-10

Date Collected: 10/29/13 13:50

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		166.67	109046	11/09/13 05:44	RJQ	TAL CAN
Total/NA	Analysis	RSK-175		1	107825	10/31/13 10:30	CHJ	TAL CAN
Dissolved	Prep	3005A			107859	10/31/13 09:01	LPM	TAL CAN
Dissolved	Analysis	6010B		1	108192	11/02/13 00:57	KLC	TAL CAN
Total/NA	Analysis	300.0		1	107704	10/31/13 04:07	JMB	TAL CAN
Total/NA	Analysis	300.0		1	107805	10/31/13 04:07	KMG	TAL CAN
Total/NA	Prep	9030B			107876	10/31/13 13:01	JMB	TAL CAN
Total/NA	Analysis	9034		1	107986	10/31/13 17:53	JMB	TAL CAN
Total/NA	Analysis	9060		1	108061	10/31/13 20:00	TPH	TAL CAN

TestAmerica Canton

# Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.  
Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Client Sample ID: GW-102913-SM-048

Lab Sample ID: 240-30821-10

Date Collected: 10/29/13 13:50

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2340C-1997		1	108379	11/05/13 08:37	TPH	TAL CAN
Dissolved	Analysis	9060		1	108646	11/06/13 09:21	TPH	TAL CAN
Total/NA	Analysis	2320B-1997		1	108756	11/06/13 13:48	LKG	TAL CAN

## Client Sample ID: TB-102913-SM-049

Lab Sample ID: 240-30821-11

Date Collected: 10/29/13 14:45

Matrix: Water

Date Received: 10/30/13 09:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	109046	11/09/13 06:06	RJQ	TAL CAN

### Laboratory References:

TAL CAN = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

# Certification Summary

Client: Conestoga-Rovers & Associates, Inc.  
 Project/Site: 17302-T07, RACER Delphi Anderson

TestAmerica Job ID: 240-30821-1

## Laboratory: TestAmerica Canton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	NELAP	9	01144CA	06-30-14
Connecticut	State Program	1	PH-0590	12-31-13
Florida	NELAP	4	E87225	06-30-14
Georgia	State Program	4	N/A	06-30-14
Illinois	NELAP	5	200004	07-31-14 *
Kansas	NELAP	7	E-10336	01-31-14
Kentucky	State Program	4	58	06-30-14
L-A-B	DoD ELAP		L2315	07-18-16
Nevada	State Program	9	OH-000482008A	07-31-14
New Jersey	NELAP	2	OH001	06-30-14
New York	NELAP	2	10975	04-01-14
Ohio VAP	State Program	5	CL0024	10-31-15
Pennsylvania	NELAP	3	68-00340	08-31-14 *
Texas	NELAP	6		08-31-14 *
USDA	Federal		P330-13-00319	11-26-16
Virginia	NELAP	3	460175	09-14-14
Washington	State Program	10	C971	01-12-14
Wisconsin	State Program	5	999518190	08-31-14

\* Expired certification is currently pending renewal and is considered valid.

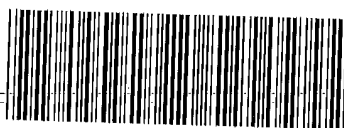


TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

**CHAIN OF CUSTODY  
AND  
RECEIVING DOCUMENTS**



240-30821 Chain of Custody







TestAmerica Canton Sample Receipt Form/Narrative

Login #: 30821

Canton Facility

Client CRA Site Name \_\_\_\_\_

Cooler unpacked by:

Cooler Received on 10-30-13 Opened on 10-30-13

David L. Steen

FedEx: 1<sup>st</sup> Grd Exp UPS FAS Stetson Client Drop Off TestAmerica Courier Other \_\_\_\_\_

TestAmerica Cooler # A1664 Foam Box Client Cooler Box Other \_\_\_\_\_

Packing material used: Bubble Wrap Foam Plastic Bag None Other \_\_\_\_\_

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# A (CF +2 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 4 (CF +1 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 5 (CF +2 °C) Observed Cooler Temp. \_\_\_\_\_ °C Corrected Cooler Temp. \_\_\_\_\_ °C  
 IR GUN# 8 (CF -0 °C) Observed Cooler Temp. 2.2 °C Corrected Cooler Temp. 2.2 °C

See Multiple Cooler Form Corrected

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s)? Yes No

3. Shippers' packing slip attached to the cooler(s)? Yes No

4. Did custody papers accompany the sample(s)? Yes No

5. Were the custody papers relinquished & signed in the appropriate place? Yes No

6. Did all bottles arrive in good condition (Unbroken)? Yes No

7. Could all bottle labels be reconciled with the COC? Yes No

8. Were correct bottle(s) used for the test(s) indicated? Yes No

9. Sufficient quantity received to perform indicated analyses? Yes No

10. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC385663

11. Were VOAs on the COC? Yes No

12. Were air bubbles >6 mm in any VOA vials? Yes No NA

13. Was a trip blank present in the cooler(s)? Yes No

Contacted PM \_\_\_\_\_ Date \_\_\_\_\_ by \_\_\_\_\_ via Verbal Voice Mail Other

Concerning

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

Did not received any volume for sample RB-102913-SM-041  
however we did reciv 3x40 RB-102913-SM-043 @ 1035, will log in its  
place of missing RB-041  
will log per COC per client

15. SAMPLE CONDITION

Sample(s) \_\_\_\_\_ were received after the recommended holding time had expired.

Sample(s) 1x40ml vial sample ID# GW 102913 SM 040 were received in a broken container.

Sample(s) \_\_\_\_\_ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) \_\_\_\_\_ were further preserved in the laboratory.

Time preserved: \_\_\_\_\_ Preservative(s) added/Lot number(s): \_\_\_\_\_

Temperature readings: \_\_\_\_\_

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container pH</u>	<u>Preservative Added (mls)</u>	<u>Lot #</u>
GW-102913-SM-044	240-30821-L-6	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102913-SM-044	240-30821-N-6	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102913-SM-044	240-30821-O-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
GW-102913-SM-048	240-30821-L-10	Plastic 250ml - with Nitric Acid	<2	_____	_____
GW-102913-SM-048	240-30821-N-10	Plastic 500ml - with Zn Acetate and	>9	_____	_____
GW-102913-SM-048	240-30821-O-10	Plastic 500ml - with Nitric Acid	<2	_____	_____

