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PHASE II ENVIRONMENTAL SITE ASSESSMENT

PONTIAC VALIDATION CENTER (SOUTH PARCEL)
PONTIAC, MICHIGAN

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LIST OF ACRONYMS

AMSL	Above Mean Sea Level
AST	Aboveground Storage Tank
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylene
COC	Chain of Custody
CPT	Cone Penetration Testing
CRA	Conestoga-Rovers & Associates Inc.
CVO	Central Vehicle Operations
DCC	Direct Contact Criteria
DPT	Direct Push Technology
DWC	Drinking Water Criteria
ELPO	Electrophoretic Priming Operation
ESA	Environmental Site Assessment
GCC	Groundwater Contact Criteria
GM	General Motors Corporation
GPM	Gallons Per Minute
HASP	Health and Safety Plan
HI	Hazard Index
LIF	Laser-Induced Fluorescence
LNAPL	Light Non-Aqueous Phase Liquid
MDEQ	Michigan Department of Environmental Quality
NAPL	Non-Aqueous Phase Liquid
PA	Preliminary Assessment
PAC	Pontiac Assembly Center
PAOC	Potential Area of Concern
PAOR	Potential Area of Release
PCB	Polychlorinated biphenyl
PVC	Pontiac Validation Center
PID	Photoionization detector
PNA	Polynuclear Aromatic Hydrocarbons
PPE	Personal Protective Equipment
PR	Preliminary Review

LIST OF ACRONYMS

PSIC	Particulate Soil Inhalation Criteria
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
ROST	Rapid Optical Screening Tool
RRD	Remediation and Redevelopment Division
SOW	Scope of Work
SVIIC	Soil Volatilization to Indoor Air Inhalation Criteria
SVOCs	Semi-Volatile Organic Compounds
TAL	Target Analyte List
TAT	Turn Around Time
TCL	Target Compound List
TMB	Trimethylbenzenes
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VSI	Visual Site Inspection
VSIC	Infinite Source Volatile Soil Inhalation Criteria
VOCs	Volatile Organic Compounds
WMA	Waste Management Area
WP	Work Plan
WWTP	Wastewater Treatment Plant

1.0 INTRODUCTION

Conestoga-Rovers & Associates, Inc. (CRA) was retained by Environmental Corporate Remediation (ENCORE), at the request of General Motors Corporation (GM) Legal Staff, to complete a Phase II Environmental Site Assessment (ESA), at the GM Pontiac Validation Center (PVC), located at 200 South Boulevard West in Pontiac, Michigan. This report summarizes the results of the Phase II ESA as they pertain to the South Parcel of the PVC (Site). The Site location is presented on Figure 1.1.

The Phase II ESA was performed to further investigate potential areas of concern (PAOCs) and potential areas of release (PAORs) identified during the Phase I ESA completed by CRA, the results of which are presented in a report dated October 2006 (CRA, 2006). CRA submitted the Phase II ESA Work Plan (WP) to ENCORE in October 2007 (CRA, 2007a). The Phase II ESA subsurface activities were performed between October 2007 and April 2008, in accordance with the WP.

A PAOC is an area with a documented release or likely presence of hazardous substances or petroleum products into the soils, groundwater, or surface water of the property that could pose an unacceptable risk to human health or the environment. The term PAOC is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate government agencies.

A PAOR is an area, piece of equipment, or structure that contains hazardous substances or petroleum products under conditions that, if not managed properly, represent a material threat of a release into the soils, groundwater, or surface water of the property. A PAOR is not a PAOC because there is no evidence of a release to the environment, while if there is evidence of a release then the PAOR would be classified as a PAOC that would require decommissioning.

1.1 SITE DESCRIPTION AND BACKGROUND

The Site is located at 200 South Boulevard West in Pontiac, Oakland County, Michigan. The Site is comprised of approximately 60 acres of land and consists primarily of vacant land that was occupied by three former manufacturing plants, Plants 3, 4, and 5. The Site is currently occupied by concrete slabs from former Plants 3, 4 and 5, an aboveground storage tank (AST) farm, paved parking areas, and landscaped areas. The

Site location is presented on Figure 1.1. A historical Site plan is presented on Figure 1.2. The current Site plan is presented on Figure 1.3.

GM acquired the former Plant 3 (formerly located in the southwest portion of the Site) from the Wilson Foundry Company (Wilson) in 1940. According to historical documentation, Plant 3 was used by Wilson to manufacture motors and castings. Historical GM operations have included paint mixing, paint booths/ovens, a phosphate line, and hazardous waste storage. More recently, Plant 3 was referred to as the "Paint Shop", serving the entire complex. Plant processes included color painting; an 8-stage phosphate process located in the northeast corner; an electrode position paint operations (ELPO) dip tank centrally located along the western portion of the building; and paint storage and mixing operations in the basement along the south wall. A former powerhouse (Building 13), and former buildings 12, 14, and 35 were located to the west of Plant 3.

The former Plant 4 (formerly located along the eastern Site boundary), reportedly acquired by GM from Wilson in 1937, consisted of Buildings 20, 25, 31, and 37. According to available information, Building 20 contained a spray booth and large in-ground conveyors. More recent operations have included a small test spray booth, plant maintenance, a lubricating oil fill station, an enclosed oil drum storage area, and small parts storage. Building 25 was used for material storage until the early 1970s, at which time it was converted to the G-Van body shop. More recently, Building 25 was utilized for welding operations. Historical operations at Building 31 have included a spray booth, material storage, and assembly for school buses. More recently, Building 31 was utilized for storage, shipping/receiving, quality assurance/quality control laboratories, and plant maintenance and miscellaneous repairs. Building 37 was previously used for assembly operations and as a body shop and, most recently, for equipment storage and maintenance activities.

GM reportedly acquired the former Plant 5 (formerly located in the central portion of the Site) from Wilson in 1965. According to documentation reviewed by CRA, historical operations have included the manufacture of motors and castings, and machining operations. Most recently, GM utilized Plant 5 for the final assembly of small and mid-sized trucks.

A switch yard and primary house belonging to Detroit Edison were previously located directly north of Plant 5, along with an industrial wastewater lift station. The industrial wastewater lift station included six large underground storage vaults. Wastewater was

periodically pumped via five underground sewers to a neighboring GM facility (Pontiac Assembly Center (PAC)) for treatment.

Four fuel ASTs are located in a tank farm north of the industrial wastewater lift station. According to Site personnel, the ASTs will be emptied for decommissioning in April 2009. The tanks store gasoline and diesel fuel used to supply the adjacent dispensing pump, which dispenses fuel to company vehicles.

A Waste Management Area (WMA) was historically located adjacent to the north of the tank farm. This structure was used to store hazardous waste (up to 90 days) and non-hazardous waste prior to removal from the Site for disposal and for cleaning of empty drums. The structure was constructed on a sealed concrete containment pad with a self-contained spill collection sump, and is enclosed by a concrete curb with an access ramp.

Based on the Phase I ESA (CRA, 2006), and discussions with individuals associated with the Site, additional uses of the Site consisted of: various commercial properties including a bank, a hospital, and industrial properties including Flander's Electrical Company Incorporated (manufacturers of electric automobiles), Pontiac Drop Forge Company, the Wilson Foundry and Machine Company, and Detroit Weather Proof Body Company.

1.2 PREVIOUS INVESTIGATIONS

A number of previous investigations have been completed at the Site. The locations of these areas are presented on Figure 1.4. Previous groundwater investigations at the Site were limited to Area C (gasoline underground storage tank (UST) south of former Plant 3). The previous investigation areas are broken down into the following:

- Area B (Waste Oil and Gasoline USTs, near Buildings 13 and 16, Plant 3);
- Area C (Gasoline UST south of Building 16, Plant 3);
- WMA south of Plant 3;
- Area D (Paint Trap USTs south of Building 17, Plant 3);
- 8-Stage Phosphate System in Plant 3;
- Building 5 (west of Plant 5); and
- Grand Trunk Railway (along wastewater lines to PAC Wastewater treatment plant (WWTP)).

These areas are further described in the Phase I ESA (CRA, 2006) and the Phase II ESA WP (CRA, 2007a).

1.3 SUMMARY OF THE CRA 2006 PHASE I ESA

Further information on each of these areas is presented in the Phase II ESA WP (CRA, 2007a).

The Phase I ESA completed by CRA in October 2006 (CRA, 2006) identified 18 PAOCs associated with the Site (4 other PAOCs were identified in the North Parcel of the PVC), which include the following:

- PAOC 2 – Historical Operations – Plants 3, 4, and 5;
- PAOC 3 – Historical Adjacent Properties;
- PAOC 5 – USTs – Plant 3;
- PAOC 6 – USTs – Plant 4;
- PAOC 7 – USTs – Plant 5;
- PAOC 8 – Former Incinerator;
- PAOC 9 – Tunnels;
- PAOC 10 – Former Powerhouse;
- PAOC 11 – Surficial Scarring;
- PAOC 13 – WMA south of Plant 3;
- PAOC 14 – AST Farm at Plant 1;
- PAOC 15 – Potential Fill Pipes;
- PAOC 16 – Bulk Loading/Unloading Areas;
- PAOC 17 – Former Foundry Sand;
- PAOC 19 – Former Wastewater Treatment;
- PAOC 20 – Former Transformers, Substations, and Large Capacitors;
- PAOC 21 – Wastewater Lift Station and Process Lines; and
- PAOC 22 – Former Paint Mix Rooms.

The Phase I ESA identified the following PAORs associated with the Site:

- PAOR 1 - Belowgrade Pits, Trenches, Conveyors, and Sumps;
- PAOR 2 - ASTs;
- PAOR 3 - WMAs;
- PAOR 4 - Releases to Sewers; and

It should be noted that at the time of the Phase I ESA completed by CRA, Plants 3, 4, and 5 (and their associated buildings and ancillary structures) were still present on the Site. During the time frame that CRA completed the Phase II ESA field activities, demolition of these on-Site structures occurred.

The locations of the PAOCs are presented on Figure 1.5. Based on the nature of the PAORs identified in the 2006 Phase I ESA, the PAORs were not investigated during this Phase II ESA.

1.4 REPORT ORGANIZATION

The remainder of this Phase II ESA Report is organized as follows:

Section 2.0 - Scope of Work (SOW);
Section 3.0 - Site Geology and Hydrogeology;
Section 4.0 - Phase II ESA Results;
Section 5.0 - Summary; and
Section 6.0 - References.

2.0 SCOPE OF WORK

The SOW for the Phase II ESA was to determine if there had been adverse impacts to the environment at each PAOC. PAORs were not investigated during this Phase II ESA due to the lack of evidence of a release and the ambiguity of locations that could be specifically targeted during field activities. The Phase II ESA was conducted in general accordance with ENCORE Field Method Guidelines and according to the SOW presented in the Phase II ESA WP (CRA, 2007a). CRA conducted Phase II ESA subsurface activities at the Site from October 2007 through April 2008. The Phase II ESA activities included the following tasks:

Task 1: Develop Health and Safety Plan (HASP);

Task 2: Perform utility clearance;

Task 3: Soil investigation;

Task 4: Groundwater investigation;

Task 5: Survey soil boring and monitoring well locations; and

Task 6: Conduct groundwater hydraulic monitoring events.

The investigative locations for the Site are presented on Figure 2.1. Additional details pertaining to the SOW are provided in the following sections (Sections 2.1 through 2.6).

It should be noted that due to concurrent demolition work during the Phase II ESA, or boring refusal, proposed soil borings BH31-07, BH45-07, BH66-08, and BH93-08 were not installed.

2.1 HEALTH AND SAFETY

A Site-specific HASP (CRA, 2007b) was developed for work conducted at the Site and included health and safety documentation relevant to the SOW associated with the Phase II ESA investigation. All personnel involved in the fieldwork reviewed the HASP prior to commencing field activities in order to minimize hazards and exposures. All field activities were performed utilizing appropriate Personal Protective Equipment (PPE) in accordance with the Site-specific HASP.

2.2 UTILITY CLEARANCE

As a part of the Phase II ESA, penetration of the ground surface was necessary to collect soil samples and install monitoring wells at predetermined locations. Prior to conducting subsurface work, underground hazards in the form of utility lines were identified and marked by private and public utility locators. CRA retained Power Plus Engineering Inc. to complete locates of underground utilities at the proposed drilling locations.

2.3 SOIL INVESTIGATION

The task of soil investigation included the advancement of soil borings, Shelby Tube sampling, and the collection of soil samples. Table 2.1 presents all soil borings and Shelby Tube sampling locations completed at the Site and their corresponding PAOC. Additionally, Table 2.1 presents all soil samples collected during the Phase II ESA and the parameters for which they were analyzed.

Drilling activities associated with the Phase II ESA investigation were conducted from October 9 to 17, 2007, December 3 to 7, 2007, and March 5 to 14, 2008. Sixty-four soil borings were advanced using a Geoprobe direct push technology with a MacroCore® sampler. Seventy-three soil samples were collected from the soil borings at various depths to investigate the PAOCs. The soil borings were advanced until a continuous clay layer/confining layer was reached (a depth of between 15 and 60 feet below ground surface (bgs)). After the continuous clay layer/confining layer was reached, each boring was advanced an additional 5 feet into the confining layer (to verify the lateral and vertical continuity of a confining layer).

Continuous soil samples were collected from each soil boring and examined by CRA field personnel for soil type, stratigraphy, banding, moisture, color, visual and olfactory evidence of impact, and screened for total volatile organic compounds (VOCs) with a photoionization detector (PID) with an 11.7 eV lamp in 2 to 2.5-foot intervals. In addition, Sudan IV jar tests were conducted in the field to identify the potential presence of NAPL in soil. All soil samples collected were described and classified according to the modified Unified Soil Classification System (USCS). Stratigraphic logs are presented in Appendix A.

Generally one to three soil samples were selected from a boring for chemical analysis. Depending on field conditions, soil samples were collected from the following unsaturated zone intervals for consideration:

- 0 to 2-foot interval below grade;
- 8 to 10-foot interval below grade;
- 2-foot interval above the water table;
- 2-foot interval above the confining layer if groundwater was not encountered; and
- 2-foot interval with the highest evidence of visual/olfactory impact and PID response.

Samples were submitted for laboratory analysis based on the following conditions:

1) **If evidence of impact was observed** (visual/olfactory or elevated PID response), the soil sample in the unsaturated zone with the highest evidence of visual/olfactory impact and PID response was selected for laboratory analysis of parameters as indicated in Table 2.1.

   Any sample collected for fractionated lead was placed on hold pending review of total lead analysis. If the total lead was greater than 75 milligrams per kilogram (mg/kg), the soil sample was also analyzed for fractionated lead.

2) **In the absence of evidence of impact** (visual/olfactory or elevated PID response), the 0 to 2-foot sample interval was selected for analysis unless there was information available specific to the PAOC to suggest the likely impacts would be deeper (e.g. former UST area). The remaining sample intervals were placed on hold (8 to 10 feet, 2 feet above water table, or 2 feet above confining layer if groundwater is not encountered).

Samples that were collected but not submitted were archived pending review of the results of the submitted samples. Archived samples were selected for analysis as required, based on analytical results of original samples (See Table 2.1). CRA ensured that holding times were not exceeded.

All soil samples were analyzed on a 5-day turnaround time (TAT), following the ENCORE Laboratory Program requirements, so as to not exceed recommended holding times for the additional archived samples. The field quality assurance/quality control (QA/QC) sampling strategy is outlined in the Phase II ESA WP (CRA, 2007a).

It should be noted that the soil sample collected from the 15 to 17 feet bgs interval at monitoring well MW32-07 was collected from below the water table (i.e., the sample was fully saturated). The sample collected from below the water table was submitted to identify potential contaminants, but was not considered for evaluation given that it consisted of more than one subsurface media.

In addition to the laboratory analysis, preliminary tests for the potential presence of non-aqueous phase liquid (NAPL) were completed at soil borings where field observations indicated evidence of potential impacts using Sudan IV jar tests. The results of Sudan IV jar testing are summarized in Section 4.1.1. Sudan IV jar test results are also presented in Table 2.1.

Soil samples were placed in coolers with ice to maintain a cooler temperature of approximately 4°C and were sent to Test America Laboratories, Inc. (Test America) under standard chain-of-custody (COC) procedures.

During drilling activities, refusal was encountered at various depths at some soil boring locations throughout the Site. In most instances (with the exception of soil boring BH66-08), offset soil borings were installed adjacent to the original refusal locations and samples were collected from the intended intervals. Refusal locations are indicated on the stratigraphic logs presented in Appendix A. At soil boring BH66-08, refusal was encountered at 3 feet bgs. Multiple off-set attempts were made; however, refusal was encountered at all off-set locations at 3 feet bgs. As such, no soil sample was collected from BH66-08 and the soil boring was not completed.

Undisturbed Shelby tube soil samples were collected from two locations (adjacent to soil borings BH23-07, and MW35-07) where a native continuous clay layer/confining layer was identified, and the samples were analyzed for moisture content, grain size distribution, and soil permeability (vertical hydraulic conductivity) to determine if the underlying native material is acting as an effective aquitard/aquiclude. These Shelby tube samples were collected as a part of a set of three samples being collected throughout the PVC.

All sampling equipment that contacted potentially impacted materials was decontaminated prior to field use and following collection of each sample. Decontamination of sampling equipment was performed as follows:

i) removing any debris or soil using a stiff brush, as necessary;

ii) cleaning thoroughly with water and a non-phosphate (Alconox) detergent; and

iii) rinsing with potable water and/or de-ionized water.

Soil cuttings and wash water were containerized in 55-gallon drums and taken for off-Site disposal on January 21, 2009.

2.4 GROUNDWATER INVESTIGATION

Monitoring wells were installed at locations where a porous saturated media greater than 1 foot was encountered. Where this condition was present at multiple locations in proximity to each other, one monitoring well was installed per three to four soil borings. The monitoring well was typically installed in the boring with the highest evidence of impact or the location closest to the property boundary to assess the likelihood of contaminants migrating off Site. Twenty-seven (including 5 temporary) monitoring wells were installed utilizing a Geoprobe® direct push method with a dual-tube rod system. Well screens were typically installed at each monitoring well location as presented in Table 2.2, such that the screen extended approximately 2 feet above the water table and 6 to 12 inches into the confining layer (when present). Well completion details are included on the stratigraphic logs presented in Appendix A.

Five temporary monitoring wells (TMW70-08, TMW71-08, TMW80-08, TMW81-08, and TMW87-08) were installed on March 5, 2008 in the basements of former Plants 3 and 4. The temporary monitoring wells were abandoned prior to backfilling activities completed by the demolition contractor on March 11, 2008. As a result, the temporary wells only received minimal recharge time, and thus, only temporary monitoring wells TMW71-08 and TMW81-08 generated enough groundwater for sample collection.

The monitoring wells were developed and groundwater samples were collected consistent with the Michigan Department of Environmental Quality (MDEQ) Remediation and Redevelopment Division (RRD) Operational Memorandum No. 2 – Attachment 5 (Collection of Samples for Comparison to Generic Criteria). All groundwater samples were collected using low-flow purging techniques. Some monitoring wells did not recharge, and as a result samples were only collected from 19 of the 27 monitoring wells. Monitoring well development and low-flow purging records are presented in Appendix B.

Table 2.3 presents all groundwater samples collected during the Phase II ESA and the analytical parameters for which they were tested. All groundwater samples were analyzed on a standard TAT. The field (QA/QC) sampling strategy is outlined in the Phase II ESA WP (CRA, 2007a).

All groundwater samples were packed in a cooler on ice to maintain a cooler temperature of approximately 4°C and were sent to Test America under standard COC procedures. A summary of all groundwater samples collected is presented in Table 2.3.

All sampling equipment that contacted potentially impacted materials was decontaminated prior to field use and following collection of each sample. Decontamination of sampling equipment was performed as follows:

i) removing any debris or soil using a stiff brush, as necessary;

ii) cleaning thoroughly with water and a non-phosphate (Alconox) detergent; and

iii) rinsing with potable water and/or de-ionized water.

Wash and purge waters were containerized in 55-gallon drums and removed for off-Site disposal on January 21, 2009.

2.5 SURVEYING

Investigation location surveys were conducted on December 20, 2007 and January 21, March 10, March 17, and May 8, 2008 to provide accurate locations of installed soil borings and monitoring wells. Surveying was completed in the Michigan State Planes, Southern Zone NAD 83 coordinate system. Multiple surveying events were required due to weather restrictions (e.g. ice and snow) and to accommodate concurrent demolition activities.

It should be noted that soil boring MW46-07 could not surveyed due to the demolition activities at the Site during the Phase II ESA. The location of this soil boring on Site figures is approximate.

2.6 GROUNDWATER ELEVATION MONITORING

Groundwater elevation monitoring events were conducted on December 20, 2007 and December 15, 2008 to provide a summary of groundwater elevations in each monitoring well located at the Site at that time. An oil-water interface probe was used to check for the presence and thickness of light NAPL (LNAPL). The water elevation measurements are presented in Table 2.4. The results of the monitoring event were used to evaluate Site hydrogeological conditions, as discussed in Section 3.2.2.

3.0 SITE GEOLOGY AND HYDROGEOLOGY

3.1 REGIONAL SETTING

This section provides a summary of the regional physiography, geology, and hydrogeology. The regional information for the City of Pontiac area was obtained from numerous published reports. The main sources are a report entitled, "Groundwater Resources of Southeastern Oakland County, Michigan", as prepared by Ferris, J.G., Burt, E.M., Stramel, G.J., and Crosthwaite, E.G., 2003; and "Hydrogeologic Framework of the Michigan Basin Regional Aquifer System", as prepared by Westjohn, D.B., and Weaver, T.L., 1998.

3.1.2 REGIONAL GEOLOGY

The Site is located in the City of Pontiac, Oakland County, in southeast Michigan. Oakland County is within the Central Lowlands portion of the Great Lakes Basin. Regional topography is variable, ranging from upland moraines to low-lying till plains and glacial outwash. The regional land surface slopes from the northwest to the southeast. Maximum topographic relief within Oakland County is approximately 360 feet.

The surficial geology of the Oakland County area consists of sediments deposited primarily during the Wisconsinan glacial stage by continental scale glaciers. At least four 'pulses' of ice advance and retreat have covered all or part of Michigan during the Late Wisconsin stage of the Pleistocene epoch (approximately 21,000 to 10,000 years before present). As a result, Oakland County has numerous heterogeneous moraines and till plains of glacial drift that were deposited directly by the meltwater of the glacier.

The overburden for the City of Pontiac is Quaternary aged glacial drift, glaciolacustrine deposits, and glacial outwash deposits of recent and Pleistocene age. Due to the deposits from retreating glaciers, there is a wide assortment of particle sizes in the glacial drift from a lack of sorting; it is common to find clay, silt, fine to coarse sand, gravel, and boulders intermixed. The glaciolacustrine sediments, commonly silts and clays, were suspended in the load of a stream and transported to glacial lakes for deposition. The glacial outwash contains rounded sand and gravel particles as well as some post-glacial alluvium. The glacial outwash is well sorted when compared to the glacial drift, due to transportation and stratification by flowing water. The glacial

deposits thickness for the City of Pontiac area is generally greater than 300 feet (Ferris, Burt, Stramel, and Crosthwaite, 2003).

The glacial drift, glaciolacustrine, and glacial outwash deposits for the City of Pontiac region are underlain by a thick section of clay, sandy clay, and gravelly clay that separates a layer of buried outwash. This clay sequence is less permeable than the surrounding glacial drift and, therefore, acts as a confining layer (Ferris, Burt, Stramel, and Crosthwaite, 2003). The buried outwash ranges from 20 feet to 150 feet thick and overlies the bedrock throughout the region. These Quarternary aged sediments overly the bedrock throughout Pontiac.

The bedrock beneath the City of Pontiac is Paleozoic in age and is found generally at an elevation of approximately 650 feet above mean sea level (AMSL). Most of the bedrock is from the early Mississippian system, and is from the Kinderhookian series. This formation is termed Coldwater Shale. The Coldwater Shale is of marine origin, evident by sporadic fossil assemblages contained throughout. The bedrock is composed of northwest-dipping strata and the direction of the Michigan Basin center. The Coldwater Shale ranges from 0 to 400 feet thick (Ferris, Burt, Stramel, and Crosthwaite, 2003). It contains shales, sandy shales, and shaly sandstones. It is predominantly gray, with some bluish-gray and blue shales. There tends to be a minor amount of dolomite, limestone, siltstone, and sandstone in this Formation. Most of the shales are thin-bedded, range from soft to hard, and are brittle and slate-like. The contacts with the Sunbury Shale below, and the Marshall Sandstone Formation above are conformable and can present difficulties in Formation identification.

In some regions of Pontiac, beneath the Coldwater Shale Formation exist other formations. One formation directly beneath the Coldwater Shale is the early Mississippian aged Sunbury Shale. The Sunbury Shale ranges from 0 to approximately 50 feet thick and is observed as a brown to black shale.

Beneath the Sunbury Shale Formation is the early Mississippian aged Berea Sandstone and Late Devonian aged Bedford Shale. The Berea Sandstone is from 0 to 100 feet thick and is observed to be a gray, massive, fine-grained sandstone with interbedded hard blue gray shale. The Bedford Shale unit ranges from 0 to 100 feet thick and is a soft gray and blue-gray shale.

Below the Berea Sandstone and Bedford Shale is the early Mississippian/late Devonian aged Antrim Shale. The Antrim Shale ranges from 70 to 170 feet thick and is black and brown carbonaceous shale.

3.1.3 REGIONAL HYDROGEOLOGY

The hydrogeologic features of Michigan are highly variable. Some areas have abundant supplies of groundwater and surface water of potable quality, while others have difficulty obtaining suitable water supplies. Oakland County has abundant groundwater supplies available (Huffman and Whited, 1993). Oakland County acquires most of its potable groundwater from the overburden glacial deposit aquifers; however, Michigan relies primarily on surface water from the Great Lakes for its water supply (Rheaume, 1991).

Although the Coldwater Shale Formation comprises the majority of the bedrock in the City of Pontiac, only some stray sandstones within the Formation yield potable water locally, which limits the use solely to domestic wells. In general, Coldwater Shale is extremely low yielding in terms of water content (Ferris, Burt, Stramel, and Crosthwaite, 2003).

Most of the groundwater is located in the surficial outwash and the buried outwash deposits within the upper 100 feet of the area. The groundwater in the buried outwash is under confined conditions due to the relatively thick layer of clay it underlies. This clay sequence is less permeable than the surrounding glacial drift and therefore acts as a confining layer. The outwash deposits tend to have a high permeability and are very transmissive (Ferris, Burt, Stramel, and Crosthwaite, 2003). The majority of the local recharge for these glacial deposit aquifers is limited to the gravelly outwash plains bordering rivers and streams.

3.2 SITE SETTING

This section provides a summary of the Site geology and hydrogeology. The information in this section was obtained from investigative activities completed historically and during this Phase II ESA at the Site.

3.2.1 SITE GEOLOGY

The geologic (stratigraphic) framework for the Site was defined from a review of stratigraphic and instrumentation logs from investigative activities. The stratigraphic logs from this Phase II ESA are provided in Appendix A.

Drilling activities associated with the Phase II ESA investigation were conducted from October 9 to 17, 2007, December 3 to 7, 2007, and March 5 to 14, 2008. During this Phase II ESA, approximately sixty-four soil borings were advanced at the Site. The deepest soil boring extends approximately 60 feet bgs (MW28-07).

Two geologic cross-sections were prepared utilizing the subsurface data obtained from Site investigations. The locations of the geologic cross-sections are shown on Figure 3.1. Geologic cross-sections A-A' (west-east bisecting the Site), and B-B' (north-south across entire Site) are presented on Figures 3.2, and 3.3 respectively. Based on the distribution of the stratigraphic data shown on the geologic cross-sections, the main layers that underlie the Site to the maximum depth of investigation of 60 feet bgs are: a thin and discontinuous surficial sand and gravel fill layer, an underlying regionally significant layer of clay/silt glacial deposits, and bedrock.

The sand and gravel fill layer is geologically insignificant and consists of fine- to medium-grained sand and medium- to coarse-grained sand and gravel deposits, with trace amounts of mixed clays, sandy clays, and silts. The fill layer tends to exist with varying amounts of concrete, asphalt, wood, and brick debris. The thickness of this fill layer varies, but is generally less than 0.5 feet in thickness. The fill material is poorly to moderately graded, quite loose in terms of compaction, and ranges in color from brown to black. This layer is dry to moist and is not water-bearing.

Glacial clay and silt deposits were encountered below the surficial fill horizon, extending to the depth of investigation (approximately 60 feet bgs). These deposits varied from clay, silty clay, sandy clay, or sand and clay. The clay/silt glacial deposits are stratigraphically equivalent to the glacial drift deposits discussed in Section 3.1.2. Stratigraphically isolated and discontinuous sand layers were encountered within this clay/silt glacial deposit.

The sand layers occur at various depths and range in thickness from 0.25 feet to a maximum thickness of 20 feet at BH49-07 (shown on the easternmost portion of geologic cross-section A-A'). The average thickness of the sand layer is less than 5 feet. The sand layers cannot be correlated laterally with a high degree of certainty on the geologic

cross-sections and, as discussed in Section 3.1.2, are likely the result of heterogeneous meltwater deposits of retreating glaciers.

The clay/silt glacial deposits contain, as described previously, primarily fine-grained material (clay and silt) with traces of fine sand and, locally, some gravel. A grain size analysis (see Section 4.2 and Appendix C) was conducted for the entire PVC property and confirmed the field descriptions and indicated that the combined clay and silt content of the clay/silt glacial deposits ranges from 55 to 100 percent. The fine sand content ranges from 0 to 42 percent and the gravel content ranges from 0 to 3 percent. This horizon exhibits a plasticity ranging from very low (in the case of the sandy clays) to very high (in the case of the fat clays). It shows a great variety from soft to very stiff, and can be found in an assortment of colors such as gray, brown, dark brown, dark gray, olive green, and brown/gray mottled. The clay layers tend to be moist to very moist in terms of water content.

The deep stratigraphy sequence at the Site was not investigated since the maximum depth of investigation was approximately 60 feet bgs. However, regional stratigraphic data indicated that the clay/silt glacial deposits and other fine-grained materials of glacial origin extend to the bedrock at depths of approximately 650 feet AMSL. According to regional information of Oakland County, a layer of buried outwash exists between the clay/silt glacial deposits and the bedrock (Ferris, Burt, Stramel, and Crosthwaite, 2003). Bedrock beneath the Site consists of Early Mississippian Coldwater Shale Formation, a gray to blue-gray shale.

3.2.2 SITE HYDROGEOLOGY

The majority of the overburden beneath the Site is underlain by fine-grained material of the clay/silt glacial deposits and subordinate layers of sand. The hydrogeologic behavior of the overburden would therefore be controlled by the hydraulic (i.e., permeability or hydraulic conductivity) properties of the clay and silt material.

Vertical hydraulic conductivity values of the fine-grained material for the entire PVC property were calculated by the Flexible Wall Permeameter (Constant Head Method ASTM D-5084) and range from 1.4×10^{-7} to 1.5×10^{-8} centimeters per second (cm/sec). Horizontal hydraulic conductivity values for the fine-grained material would be approximately one order of magnitude less (Freeze and Cherry, 1979) or on the order of 1×10^{-6} to 1×10^{-7} cm/sec. The clay materials provide a very good aquitard to the downward migration of groundwater. Although not measured, the hydraulic

conductivity of the sand layers would be 1 x 10^{-3} cm/sec based on the textural nature of these layers (Freeze and Cherry, 1979).

It should be noted that the majority of the groundwater monitoring wells are screened primarily in the coarser-grained (sand layers) deposits or straddling the interface between the fine-grained and coarse-grained deposits at shallow depths (less than 15 feet bgs), equivalent to an approximate elevation of 935 feet AMSL or higher. This represents the shallower groundwater environment or the depths where groundwater was first encountered during drilling.

Groundwater contours were generated using the groundwater elevations measured on December 15, 2008, in the shallow monitoring wells and are presented on Figure 3.4. The groundwater flow patterns shown on Figure 3.4 therefore represent the shallow groundwater flow environment for both the predominantly fine-grained material and sand layers within the clay/silt glacial deposits fine-grained matrix. Only the groundwater elevations representative of the monitoring wells with screens at elevations higher than 935 feet AMSL were used to generate the groundwater contours.

Groundwater elevations in the shallow clay/silt glacial deposits range from about 955 feet AMSL at the extreme southeast part of the Site to about 945 feet AMSL at the extreme northern portion of the Site. These elevations correspond to water table depths on the order of 2.5 to 17.5 feet bgs.

As shown on Figure 3.4, groundwater in the shallow portions of the clay/silt glacial deposits flows generally to the north-northwest and follows the ground surface topography. The average horizontal hydraulic gradient is between 0.01 and 0.02.

Assuming a conservative horizontal hydraulic gradient of 0.02, a conservative horizontal hydraulic conductivity of 1 x 10^{-6} cm/sec (0.0028 feet/day) for the fine-grained material, and a porosity of 30 percent (0.3), the resulting horizontal groundwater flow velocity would be 0.0002 feet/day or 0.07 feet/year within the clay and silt of the clay/silt glacial deposits. Assuming a hydraulic conductivity of 1 x 10^{-3} cm/sec (2.8 feet/day) and the same horizontal hydraulic gradient and porosity values as for the fine-grained material would result in a groundwater flow velocity of 0.2 feet/day or 73 feet/year.

The groundwater flux within the upper 15 feet of the clay/silt glacial deposits, based on the hydraulic properties of the fine-grained material and sand layers discussed above, would be about 0.000004 to 0.0004 gallons per minute (gpm), per linear foot perpendicular to groundwater flow for the fine-grained and sand layers, respectively.

3.3 GEOLOGIC AND HYDROGEOLOGIC SUMMARY

The regional and Site geologic and hydrogeologic framework is summarized as follows:

- the regional overburden is primarily dominated by Quaternary-aged glacial drift, glaciolacustrine deposits, and glacial outwash deposits of recent and Pleistocene age;
- the regional glacial deposits are underlain by a thick section of clay, sandy clay, and gravelly clay that separates a layer of buried outwash (e.g. sand);
- the regional bedrock is from the Coldwater Shale Formation which is up to 400 feet thick, contains shales, sandy shales, and shaly sandstones, and is predominantly gray with some bluish-gray and blue shales;
- bedrock is locally found at an elevation of approximately 650 feet AMSL, or about 310 feet bgs;
- the Site geologic setting is primarily dominated by a sand and gravel fill layer, underlain by native clay/silt glacial deposits, underlain by bedrock;
- the water table is found at depths from 2.5 to 17.5 feet bgs within the fine-grained material and the sand layers of the clay/silt glacial deposits;
- groundwater flow in the shallow system is mainly to the north-northwest at an average horizontal hydraulic gradient of 0.01 to 0.02;
- horizontal groundwater flow velocity would be 0.0002 feet/day or 0.07 feet/year within the clay and silt of the clay/silt glacial deposits. The horizontal groundwater flow velocity would be 0.2 feet/day or 73 feet/year in the fine-grained silty material;
- the clay till has a vertical hydraulic conductivity of approximately $1x10^{-7}$ cm/s prohibiting the downward migration of groundwater (e.g. aquitard); and
- groundwater flux within the upper 15 feet of the clay/silt glacial deposits would be about 0.0002 to 0.2 gpm, per linear foot perpendicular to groundwater flow for the fine-grained and sand layers, respectively.

4.0 PHASE II ESA RESULTS

Soil and groundwater samples were collected from the Site as discussed throughout Section 2.0. Investigative soil and groundwater samples were analyzed for constituents as indicated in Tables 2.1 and 2.3, respectively. The sampling locations for the Site are shown on Figure 2.1. Laboratory Analytical Data Reports are presented in Appendix C.

4.1 FIELD TESTS AND OBSERVATIONS

4.1.1 SUDAN IV JAR TESTS

Sudan IV jar tests were used to identify the potential presence of NAPL during field activities. The purpose of a Sudan IV jar test is to assess in the field which borings may be located in an area containing potential NAPL by identifying NAPL entrained in the soil pore space. Sudan IV jar tests were used on soil borings exhibiting the potential presence of NAPL. The potential presence of NAPL (i.e., a positive jar test result) was identified in soil borings MW32-07, MW33-07, MW69-07, BH72-08, and BH79-08. The results of the jar tests are indicated on Table 2.1.

4.1.2 FIELD OBSERVATIONS

Based on field observations, the following notes were made:

PAOC 2 – Historical Operations – Plants 3, 4, and 5

- A petroleum odor and black staining was encountered at soil boring MW32-07 at 15 feet bgs. The PID reading at 15 feet bgs was recorded as 39.3 ppm. Staining was no longer observed at 15.5 feet bgs. No odor was encountered at 19 feet bgs. There was a positive Sudan IV jar test result on the 15 to 17 feet bgs interval. A soil sample was collected from the 15 to 17 feet bgs interval and submitted for laboratory analysis based on the positive jar test result.
- Soil retrieved from soil boring BH48-07 was observed to be black throughout the 4.9 to 13.5 feet bgs interval. PID readings for the interval ranged from 0.2 to 0.8 ppm.
- A petroleum odor was encountered at soil boring MW69-08 at the 14 to 19 feet bgs interval and PID readings from 26 to 163 ppm were recorded. No odor was encountered at 21 feet bgs. There was a positive Sudan IV jar test result on the 18 to 20 feet bgs interval. A soil sample was collected from the 18 to 20 feet bgs interval and submitted for laboratory analysis based on the positive jar test result.

PAOC 3 – Historical Adjacent Properties

- A slight petroleum-like odor was encountered at soil boring MW17-07 at the 2.9 to 5.0 feet bgs interval. The PID reading for the interval was 0 ppm. There was a negative Sudan IV jar test result on the 3 to 5 feet bgs interval. No indication of contamination was encountered at depths greater than 5.0 feet bgs.

PAOC 5 – USTs – Plant 3

- A petroleum odor was encountered at soil boring MW33-07 at the 14.5 to 20.0 feet bgs interval. PID readings for the 15 to 20 feet bgs interval were recorded between 8.7 and 788 ppm. There was positive Sudan IV jar test result on the 16 to 18 feet bgs interval. A soil sample was collected from the 16 to 18 feet bgs interval and submitted for laboratory analysis based on the positive jar test result.
- Soil retrieved from soil boring BH89-08 was observed to be black throughout the 1.5 to 1.75 feet bgs interval. PID readings for the interval ranged from 3.2 to 3.4 ppm.

PAOC 6 – USTs – Plant 4

- Soil retrieved from temporary monitoring well TMW80-08 was observed to be black at a depth of 5.5 to 6.0 feet bgs. The PID reading for the 5.5 to 6.0 feet bgs interval was recorded at 0.6 ppm.

PAOC 10 – Former Powerhouse

- Black staining was observed in soil boring BH91-08 at the 3.5 to 8.0 feet bgs interval. A petroleum odor was encountered at 7 feet bgs. The PID reading at 7 feet bgs was recorded at 5.6 ppm. There was a negative Sudan IV jar test result on the 6 to 8 feet bgs interval.

PAOC 13/PAOC 19 - WMA south of Plant 3/Former Wastewater Treatment

- Black staining was observed in soil from temporary monitoring well TMW71-08 at the 4.6 to 6.0 feet bgs interval. A petroleum odor was encountered at 7 feet bgs. The PID reading for the 4.66 to 6.0 feet bgs interval was recorded at 0 ppm. No indication of contamination was encountered at depths greater than 7.0 feet bgs.

PAOC 21 – Wastewater Lift Station and Process Lines

- Soil retrieved from soil boring MW28-07 was observed to be black throughout the 0.5 to 12.0 feet bgs interval. PID readings for the interval ranged from 0 to 0.2 ppm.

PAOC 22 – Former Paint Mix Rooms

- A petroleum-like odor was encountered at soil boring BH72-08 at the 8.5 to 15.0 feet bgs interval. The maximum PID reading for the interval was 61.8 ppm at the 12.0 to 14.0 feet bgs interval. There was a positive jar test result on the 12 to 14 feet bgs interval. A soil sample was collected from the 12 to 14 feet bgs interval and submitted for laboratory analysis based on the positive jar test result. PID readings at depths greater than 14.0 feet bgs ranged from 4.2 ppm to 1.1 ppm.

4.2 SHELBY TUBE SAMPLE RESULTS

Three soil samples were collected from the PVC (two on-Site) for geotechnical analysis using a Shelby tube sampler on December 10, 2007. The on-Site samples were collected from the following locations: adjacent to BH23-07, 14 to 20 feet bgs (ST-2); and adjacent to MW35-07, 10.5 to 20 feet bgs (ST-3). The intervals were selected to provide representative samples of the overburden Site soils. The Shelby tube samples underwent hydraulic triaxial testing, to determine the hydraulic conductivity of the soils, and a grain size analysis.

According to the results of the hydraulic triaxial testing and grain size analyses, the soil samples were classified as follows:

Sample ID	***Location***	***Depth (feet bgs)***	***Soil Description***	***Hydraulic Conductivity (cm/sec)***
ST-2	Adjacent to BH23-07	14 to 20	Silt with clay	1.39×10^{-07}
ST-3	Adjacent to MW35-07	10.5 to 20	Clayey silt, with sand, trace gravel	1.49×10^{-08}

Grain size distribution charts and hydraulic conductivity calculations are presented in Appendix D.

4.3 PHASE II ESA ANALYTICAL DATA EVALUATION/CRITERIA

4.3.1 DATA VALIDATION AND EVALUATION

Qualifiers were applied to the data by the CRA project chemist in accordance with relevant criteria outlined in "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA 540/R-99/008, October 1999 and "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review", EPA 540/R-94/013, February 1994. Data validation was performed on 100 percent of the data. The Data Quality Assessment and Validation Memoranda for the soil and groundwater analyses are presented in Appendix E.

4.3.2 RELEVANT SCREENING CRITERIA

A data screening and risk evaluation was completed by ENVIRON for GM based on the existing subsurface data collected at the Site since 1989. The purpose of the data screening and risk evaluation was to identify potentially significant current and future exposures. A copy of the data evaluation report prepared by ENVIRON is presented in Appendix F.

Analytical results were screened against MDEQ Generic Screening Levels as defined in Part 201 of the "Environmental Remediation, of the Natural Resources and Environmental Protection Act, 1994 PA 451" (MDEQ Part 201 Criteria). Soil screening criteria selected by ENVIRON included the Residential and Industrial scenarios of the following:

- Direct Contact Criteria (DCC);
- Soil Volatilization to Indoor Air Inhalation Criteria;
- Infinite Source Volatile Soil Inhalation Criteria (outdoor air) (VSIC); and
- Particulate Soil Inhalation Criteria (PSIC).

Groundwater screening criteria selected by ENVIRON included the following:

- Residential and Industrial Drinking Water Criteria (DWC);
- Residential and Industrial Groundwater Volatilization to Indoor Air Inhalation Criteria; and
- Groundwater Contact Criteria (GCC).

Screening criteria were selected by ENVIRON based on an anticipated deed restriction limiting the future property use to commercial/industrial purposes and based on the most representative future exposures given the implementation of the deed restriction. In addition, screening against limited residential criteria was completed to facilitate future development of a Due Care Plan for the Site.

It should be noted that, based on the above, the data screening completed by ENVIRON did not include screening against the following MDEQ Part 201 criteria/levels for soil and groundwater, as they were not considered to be representative for the Site:

- Drinking Water Protection Criteria;
- Groundwater Surface Water Interface Protection Criteria;
- Groundwater Contact Protection Criteria;
- Soil Saturation Concentration Screening Level;
- Groundwater Surface Water Interface Criteria;
- Water Solubility;
- Flammability and Explosivity Screening Level; and
- Acute Inhalation Screening Level.

The methodology and results of ENVIRON's data screening for all historical and current data collected from the Site are presented as part of a data evaluation report (see Appendix F).

4.4 PHASE II ESA ANALYTICAL RESULTS – PAOCS

As discussed in Section 4.3.2, ENVIRON completed a data screening of all available data for the Site. The results of the data screening specific to this Phase II ESA are presented in the following sections. A summary of parameters present at concentrations that exceeded the selected MDEQ Part 201 Criteria as identified by ENVIRON is presented is presented on Figure 4.1 for soil, and on Figure 4.2 for groundwater. Summary tables of exceedances pertaining to this Phase II ESA were generated by ENVIRON and are included in Appendix F. A Site-wide summary of detected parameters in soil is presented in Table 4.1, and a Site-wide summary of detected parameters in groundwater is presented in Table 4.2.

The results of the Phase II ESA are summarized in the following sections by PAOC. It should be noted that all soil borings advanced at the Site contributed to the investigation of historical Site operations (PAOC 2). Additionally, all soil borings advanced along the perimeter of the Site contributed to the investigation of historical adjacent properties (PAOC 3). The results of soil borings advanced solely to investigate PAOCs 2 and 3 are discussed in Section 4.4.1.

At soil boring BH66-08, refusal was encountered at 3 feet bgs. Multiple off-set attempts were made; however, refusal was encountered at all off-set locations at 3 feet bgs. As a result, no soil sample was collected from BH66-08.

4.4.1 PAOCS 2 AND 3 – HISTORICAL SITE OPERATIONS AND ADJACENT PROPERTIES

Based on the Phase I ESA (CRA, 2006), former Plants 3, 4, and 5 were developed as early as 1915 as Flander's Electrical Company Inc. (manufacturers of electric automobiles); Pontiac Drop Forge Company; the Wilson Foundry and Machine Company; and/or Detroit Weather Proof Body Company, with subsequent additions/changes to the facilities over the years. Primary operations conducted at former Plants 3, 4, and 5 included metal finishing operations (phosphating, pickling, plating, heat treating, and painting), degreasing, drop forging, casting, incinerating, stamping, grinding, machining, and polishing. Ancillary operations included hazardous and non-hazardous waste accumulation, handling, and storage, as well as the use and storage of raw petroleum products and solvents in both above and below-ground storage tanks and drums. No information regarding historical use of heating oil USTs or ASTs, septic systems, or property demolition procedures was available.

Adjacent properties to the Site were historically operated as petroleum filling stations, a plating company, an electric light plant/power plant, and various manufacturing facilities as early as 1909. These types of operations typically utilize petroleum products and solvents. Potential impacts to the Site from these operations could not be determined.

Soil Analytical Results

1,1-Dichloroethene (1,1-DCE) was detected at concentrations exceeding the Residential Soil Volatilization to Indoor Air Inhalation Criteria (SVIIC) at the 0 to 2.0 and 8.0 to 10.0 feet bgs intervals at MW74-08. Trichloroethene (TCE) was also detected at a

concentration exceeding the Residential SVIIC at the 8.0 to 10.0 feet bgs interval at MW74-08. No other constituents were detected at PAOC 2 and 3 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

Groundwater Analytical Results

Aluminum was detected at concentrations exceeding the Residential DWC at monitoring wells MW19-07, MW32-07, MW68-08, and MW74-08. Iron was detected at a concentration exceeding the Residential and Industrial DWC at monitoring well MW48-07. Lead was detected at concentrations exceeding the Residential and Industrial DWC at monitoring well MW63-08.

TCE was detected at concentrations exceeding the Residential and Industrial DWC at monitoring well MW74-08.

1,1-DCE, cis-1,2-dichloroethene (cis-1,2-DCE), 1,1,1-trichloroethane (1,1,1-TCA), benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, and chrysene were detected at concentrations exceeding the Residential DWC at monitoring well MW74-08. Additionally, 1,1-DCE, cis-1,2,DCE, 1,1,1-TCA, benzo(b)fluoranthene, benzo(g,h,I)perylene, benzo(k)fluoranthene, and chrysene exceeded the Industrial DWC at monitoring well MW74-08. Benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, and chrysene concentrations exceeded the GCC at monitoring well MW74-08.

No other constituents were detected at the PAOC 2 and 3 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.2 PAOC 5: UNDERGROUND STORAGE TANKS – PLANT 3

Based on the Phase I ESA (CRA, 2006), at least 13 historic USTs were present in the vicinity of former Plant 3. No information regarding closure of three of the USTs at former Plant 3 (i.e., removed, abandoned-in-place, etc.) was available. The remaining 10 USTs were removed and at least 5 are listed as closed on the MDEQ database.

Soil borings MW33-07, MW34-07, BH36-07, MW37-07, MW40-07, MW43-07, BH89-08, BH90-08, and BH94-08 through BH96-08 were advanced throughout the former Plant 3

to investigate potential impacts associated with historic USTs. Soil samples were not collected from soil borings BH94-08 and BH95-08 based on negative jar test results and low PID readings, and given that additional subsurface data in the vicinity had already been collected (e.g., MW43-07). Monitoring wells were installed at MW33-07, MW34-07, MW37-07, MW40-07, and MW43-07 based on the presence of groundwater during soil boring advancement. Insufficient groundwater was present in monitoring well MW43-07 at the time of sampling.

Soil Analytical Results

Benzo(a)pyrene was detected at a concentration exceeding the Residential DCC criteria at BH36-07 at a depth of 0 to 2.0 feet bgs. No other constituents were detected at the PAOC 5 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

Groundwater Analytical Results

Aluminum was detected at concentrations exceeding the Residential DWC criteria at MW33-07 and MW34-07. Vanadium was also detected at MW33-07 at a concentration exceeding the Residential DWC at MW33-07. No other constituents were detected at the PAOC 5 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.3 PAOC 6: UNDERGROUND STORAGET TANKS – PLANT 4

Based on the Phase I ESA (CRA, 2006), at least 15 USTs were located in the vicinity of former Plant 4. No information regarding closure (i.e., removed, abandoned-in-place, etc.) of the USTs at former Plant 4 was available.

Soil borings MW46-07, BH47-07, BH75-08, TMW80-08, and BH84-08 through BH86-08 were advanced throughout the former Plant 4 to investigate potential impacts associated with historic USTs. A monitoring well was installed at MW46-07 and a temporary monitoring well was installed at TMW80-08 based on the presence of groundwater during soil boring advancement. Insufficient groundwater was present in temporary monitoring well TMW80-08, and MW46-07 was covered by demolition debris at the time of sampling.

Soil Analytical Results

Arsenic was detected at a concentration exceeding the Residential DCC criteria at soil boring BH47-07 at a depth of 17.5 to 20.0 feet bgs. No other constituents were detected at the PAOC 6 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.4 PAOC 7: UNDERGROUND STORAGE TANKS – PLANT 5

Based on the Phase I ESA (CRA, 2006), at least one UST was located in the vicinity of former Plant 5. No information regarding closure (i.e., removed, abandoned-in-place, etc.) of the UST at former Plant 5 was available.

Soil boring BH22-07 was advanced to the north of the former Plant 5 to investigate potential impacts associated with historic USTs.

Soil Analytical Results

No constituents were detected at the PAOC 7 investigative location at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.5 PAOC 8: FORMER INCINERATOR

Based on the Phase I ESA (CRA, 2006), a concrete refuse burner (i.e., incinerator) was present on the southwestern portion of the Site, to the west of the former Wilson Plant 4. No information was available regarding the types of materials incinerated or the historical disposal practices associated with the fly ash generated from incineration.

Soil boring BH88-08 was advanced to investigate potential impacts associated with the former incinerator.

Soil Analytical Results

No constituents were detected at the PAOC 8 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.6 PAOC 9: TUNNELS

Based on Phase I ESA (CRA, 2006), a brick tunnel exists between former Plants 3 and 4, and former Plants 3 and 5. This tunnel was reportedly historically used for utility lines; however, at the time of the 2006 Phase I ESA it was abandoned and not available for inspection.

Soil borings BH76-08 and BH77-08 were advanced at the Site to investigate potential impacts associated with tunnels.

Soil Analytical Results

No constituents were detected at the PAOC 9 investigative location at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.7 PAOC 10: FORMER POWERHOUSE

Based on the Phase I ESA (CRA, 2006), a powerhouse was located in former Building 13 (Plant 3). Coal was historically stored outside east of the Powerhouse. No information was available regarding if the coal was stored on bare ground or a paved surface.

Soil borings MW35-07 and BH91-08 were advanced at the Site to investigate potential impacts associated with the former powerhouse. A monitoring well was installed at MW35-07.

Soil Analytical Results

No constituents were detected at the PAOC 10 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

Groundwater Analytical Results

Aluminum, arsenic, vanadium, and bis(2-Ethylhexyl-phthalate) were detected at concentrations that exceed the residential DWC at MW35-07. Arsenic and bis(2-ethylhexyl)phthalate also exceeded the industrial DWC. No other constituents were detected at the PAOC 10 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.8 PAOC 11: SURFICIAL SCARRING

Based on the Phase I ESA (CRA, 2006), an area of surficial scarring is present on aerial photographs to the south of former Buildings 12 and 27 (Plant 1). These buildings historically conducted heat-treat and pickling operations. No further information regarding the surficial scarring was available.

Soil borings BH14-07 and MW15-07 were advanced at the Site to investigate potential impacts associated with the area of surficial scarring. A monitoring well was installed at MW15-07.

Soil Analytical Results

No constituents were detected at the PAOC 11 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

Groundwater Analytical Results

No constituents were detected at the PAOC 11 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.9 PAOC 13: WMA SOUTH OF PLANT 3/ PAOC 19: FORMER WASTEWATER TREATMENT

Based on the Phase I ESA (CRA, 2006), a Tank Waste Management Area (Solid Waste Management Unit (SWMU) No. 1) and Container Waste Management Area (SWMU No. 2) historically located south of Plant 3 were identified as areas of concern during the Preliminary Review/Visual Site Inspection (PR/VSI) and Preliminary Assessment (PA) performed for the United States Environmental Protection Agency (U.S. EPA). Supplemental investigation and closure of the area was completed. MDEQ released GM from further closure requirements, but not from future Resource Conservation and Recovery Act (RCRA) Corrective Action requirements.

Additionally, prior to 1978, wastewater was managed in a tank area south of Plant 3. This area was included in the RCRA Part A Waste Permit Application. It is unknown if this area was properly closed or if there were other areas used for wastewater treatment or disposal prior to 1978.

Soil borings BH39-07 and TMW71-08 were advanced to investigate potential impacts associated with the WMA and former wastewater treatment. A temporary monitoring well was installed at TMW71-08.

Soil Analytical Results

No constituents were detected at the PAOC 13 and PAOC 19 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

Groundwater Analytical Results

No constituents were detected at the PAOC 13 and PAOC 19 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.10 PAOC 14: AST FARM AT PLANT 1

Based on the Phase I ESA (CRA, 2006), an AST farm was historically present at Plant 1 (southeast – within the South Parcel boundary), and was removed in 1995. The eastern portion of the bermed area had a soil base. The tanks that were removed contained engine oil, glycol, steering fluid, waste oil, glycol, oil, and waste glycol. Confirmatory soil samples were collected and analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX), polynuclear aromatic hydrocarbons (PNAs), PCBs, lead, cadmium, and arsenic. Based on the materials stored in the tanks, it is unknown if at the time of the 2006 Phase I ESA there were other VOCs remaining in the soil at concentrations of concern.

Soil boring MW15-07 was advanced to investigate potential impacts associated with historic AST farm at Plant 1. A monitoring well was installed at MW15-07.

Soil Analytical Results

No constituents were detected at the PAOC 14 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

Groundwater Analytical Results

No constituents were detected at the PAOC 14 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.11 PAOC 15: POTENTIAL FILL PIPES

Based on the Phase I ESA (CRA, 2006), potential fill pipes are located in Plant 5, near Column G8. No further information regarding these pipes was available.

Soil boring BH26-07 was advanced to investigate potential impacts associated with potential fill pipes.

Soil Analytical Results

No constituents were detected at the PAOC 15 investigative location at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.12 PAOC 16: BULK LOADING/UNLOADING AREAS

Based on the Phase I ESA (CRA, 2006), the Site currently and formerly utilized several areas for bulk unloading and loading of petroleum, solvents, and acid products and waste. These areas include exterior load/unload fill ports and associated concrete pads, as well as former trainwells. Some of these areas have been replaced in the recent past; however, others have been in place since the facility was developed.

Bulk loading and unloading areas were not specifically investigated during this Phase II ESA as the exact location of all historical loading activities was unknown and could not be easily targeted. Similar to PAOCs 2 and 3, the results from the overall Phase II ESA investigation contribute to the evaluation of bulk loading and unloading areas.

4.4.13 PAOC 17: FORMER FOUNDRY SAND

Based on the Phase I ESA (CRA, 2006), outdoor storage of foundry sand was historically conducted to the east of the Plant 5. No information was available regarding if the foundry sand was stored on bare ground or a paved surface. No specific information

regarding historical dust control practices was available; and current Site personnel had no knowledge of dust control activities. No information was available regarding the historical use of these materials for fill at the Site and information regarding surface sampling underneath piles was unavailable for review.

Soil boring MW27-07 was advanced to investigate potential impacts associated with the former foundry sand. A monitoring well was installed at MW27-07 based on the presence of groundwater during soil boring advancement; however, insufficient groundwater was present in the well at the time of sampling.

Soil Analytical Results

No constituents were detected at the PAOC 17 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.14 PAOC 20: FORMER TRANSFORMERS, SUBSTATIONS, AND LARGE CAPACITORS

Based on the Phase I ESA (CRA, 2006), numerous transformers and/or substations were historically located throughout the Site and were operated since at least 1909 in some instances. No information was available regarding the historical types of dielectric fluids utilized in the majority of the former transformers at the Site. Historical documentation for the Site indicates that transformers and large capacitors containing Askarel may have been present at the Site. There was evidence of PCBs present in a roof top transformer on Plant 4 in 1978

Former transformers, substations, and large capacitors were not specifically investigated during this Phase II ESA as the exact location of these items could not easily be targeted. Similar to PAOCs 2 and 3, the results from the overall Phase II ESA investigation contribute to the evaluation of historical transformers and/or substations. PCBs were analyzed in all soil samples collected from the Site as part of the investigation of PAOC 20. PCBs were detected in the soil sample collected from BH72-08 at a depth of 12.0 to 14.0 feet bgs (PAOC 22) at a concentration exceeding the Residential and Industrial DCC.

4.4.15 PAOC 21: WASTEWATER LIFT STATION AND PROCESS LINES

Based on the Phase I ESA (CRA, 2006), the process wastewater collection system at the Site consisted of a series of gravity and pressure sewers. Process wastewater was historically pumped from a series of collection sumps located in the production buildings, overhead to the main industrial wastewater lift station located north of Plant 5. At the main lift station, wastewater was stored in six large pits, which were most recently used to store general industrial wastewater and acid wastewater, but historically contained general wastewater, acid wastewater, cleaner wastewater, and ELPO wastewater. Based on the review of available documentation, numerous releases have occurred at the wastewater lift station. From the main lift station, process wastewater is conveyed underground to the off-Site PAC WWTP. The underground wastewater lines run approximately 2 to 3 miles along the Grand Trunk Railway.

Soil borings BH23-07 and MW28-07 were advanced to investigate potential impacts associated with the wastewater lift station and process line. A monitoring well was installed at MW28-07 based on the presence of groundwater during soil boring advancement; however, insufficient groundwater was present in the well at the time of sampling.

Soil Analytical Results

Manganese was detected at a concentration exceeding the Industrial PSIC at MW28-07 at a depth of 0 to 2.0 feet bgs. No other constituents were detected at the PAOC 21 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.16 PAOC 22: PAINT MIX ROOMS

Based on Phase I ESA (CRA, 2006), a paint mix room is located in Plant 3. Historically, paint mixing was conducted in the basement of Plant 3. Additional information regarding historical paint mixing areas was not available.

Soil borings BH72-08, and BH73-08 were advanced to investigate potential impacts associated with the paint mix rooms.

Soil Analytical Results

Total PCBs were detected at a concentration exceeding the Residential DCC in soil boring BH72-08 on the 12.0 to 14.0 feet bgs interval. No other constituents were detected at the PAOC 22 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.5 PHASE II ESA RESULTS – LNAPL AND LIF INVESTIGATION

LNAPL was observed (olive green to gray color) in monitoring well MW69-08 during its construction on March 13, 2008.

A sample of LNAPL was collected from MW69-08 and submitted for forensic analysis to determine its primary constituents and to assist in identifying a source area. The sample was submitted to Friedman & Bruya, Inc. for analysis.

According to the characterization results prepared by Friedman & Bruya, Inc. for the LNAPL sample collected from monitoring well MW69-08, the LNAPL is considered to be a middle distillate such as diesel fuel, kerosene, or similar material. Additionally, there is an abundance of isoprenoids and a lack of normal alkanes in the sample, indicating that the fuel has undergone substantial biological degradation over time. The results of the LNAPL characterization are presented in Appendix G. In addition, the viscosity and density of the LNAPL were analyzed. The results indicated that the dynamic viscosity was 0.001784 mpa/s at 49°C and the density was 0.81380 grams per milliliter.

CRA retained Fugro Consultants, Inc. (Fugro) to perform a Laser-Induced Fluorescence (LIF) investigation in the vicinity of monitoring well MW69-08. The LIF investigation was completed to aid in evaluating the extent and mobility/stability of the LNAPL plume.

Fugro utilized Cone Penetration Testing (CPT)/Rapid Optical Screening Tool (ROST™) testing to complete the LIF investigation. CPT was performed simultaneously with each ROST™ test. Soil classification was based on resistance and friction to the CPT probe during penetration through the ground. The CPT probe was advanced at a rate of 2 centimeters per second, per the ASTM Standard D5778-95. The CPT probe was equipped with a laser and a sapphire window, and during the ROST™ testing, laser light was directed through the window and into the subsurface. The laser light was

absorbed by hydrocarbon molecules, causing the molecules to fluoresce. A portion of the fluorescence intensity was reflected through the sapphire window and returned via fiber optic cable to a detection system. The emission data from the pulsed laser light was averaged into one reading per second intervals and was recorded continuously. Intensity of fluorescence was quantified via comparison against a standard hydrocarbon mixture used to calibrate the laser. The intensity of the fluorescence is proportional to the amount of hydrocarbon present (i.e. LNAPL saturation).

The LIF investigation was completed at the Site from April 28 through April 30, 2008. Thirty locations were investigated using the CPT/ROST™ tests. The locations of the LIF investigation are presented on Figure 4.3.

Based on the results of the LIF investigation, the LNAPL plume at the Site was delineated as presented on Figure 4.3. LNAPL was also suspected at monitoring well MW33-07. As such, 5 LIF investigation locations were advanced in the vicinity of monitoring well MW33-07. This smaller area is also presented on Figure 4.3.

Since the discovery of the LNAPL plume, CRA, on behalf of ENCORE, has completed a series of LNAPL recovery events. LNAPL is checked for thickness and any LNAPL present in a monitoring well is recovered using a disposable bailer. Given the nature of the LNAPL (biodegradable, etc.) and the extent shown on Figure 4.3, it is not anticipated that the LNAPL is highly mobile. Furthermore, the fine-grained overburden material at the Site assists in limiting significant migration of the LNAPL plume. The plume is located at the center of the Site at depths ranging from 10.0 to 14.0 feet bgs, and is located entirely beneath an existing concrete floor slab remaining from the demolition of Plant 3.

LNAPL thickness has been monitored at monitoring well MW69-08 since the discovery, as presented in Table 2.5. The average LNAPL thickness at monitoring well MW69-08 is approximately 3 feet and recovery of LNAPL is presently ongoing. LNAPL is removed from the monitoring well utilizing a disposable bailer. Approximately 7.75 gallons of LNAPL has been removed from monitoring well MW69-08 as of January 28, 2009. LNAPL removed from the monitoring well is stored in a grounded drum contained within an over-pack located in the central portion of the Site.

In order to determine any associated risk with the LNAPL, ENVIRON conducted a risk-based evaluation of the LNAPL sample results (see Section 4.7).

4.6 RISK EVALUATION RESULTS

ENVIRON performed a data screening and risk evaluation using the soil, groundwater and LNAPL data collected between 1989 and 2008 during various environmental assessments at the Site. While the data collected in 2007 and 2008 are believed to be the most representative of the current conditions at the Site, all data were used in screening and risk evaluation.

A risk evaluation of the constituents detected at concentrations exceeding the above-noted MDEQ Part 201 Criteria was completed. ENVIRON calculated cumulative cancer risk and non-cancer hazard index (HI) estimates for potential exposure to constituents in soil, groundwater, and LNAPL. The following exposure scenarios were considered for the risk evaluation:

- Routine worker ingestion, dermal contact, and inhalation of constituents in soil during typical activities that occur outdoors;
- Routine worker inhalation of constituents in soil, groundwater, or LNAPL that volatize and migrate into indoor air assuming a hypothetical commercial/industrial building that has the characteristics the MDEQ assumed in its derivation of the commercial/industrial soil and groundwater volatilization to indoor air criteria;
- Maintenance worker and construction worker ingestion, dermal contact, and inhalation of constituents in soil during excavations into the subsurface;
- Maintenance worker and construction worker ingestion, dermal contact, and inhalation of constituents in groundwater during excavations that extend into groundwater; and
- Maintenance worker and construction worker ingestion, dermal contact, and inhalation of constituents in LNAPL during excavations that extend into LNAPL.

Cumulative cancer risk and HI estimates for potential exposures to soil and groundwater were calculated using the highest concentration of each chemical, in its respective media, from all sample locations across the Site. Cumulative cancer risk and HI estimates for potential exposures to LNAPL were calculated using the highest concentration of each chemical in the LNAPL sample collected from MW69-08.

Based on the risk evaluation, ENVIRON concluded that the soil, groundwater, and LNAPL data used in the evaluation do not indicate a potential for significant worker exposures at the Site, with the exception of historical xylene concentrations in the soil south of former Building 17 and chloromethane concentrations in LNAPL north of

former Building 17. It is important to note that the xylene data used in the evaluation were collected in 1989 and 1995 and may not be representative of current conditions in this area. The details of the ENVIRON risk evaluation are presented in Appendix F.

5.0 SUMMARY

Based on the results of the Phase II ESA the following summary has been made:

- a total of 64 soil borings (excluding off-set refusal locations) were advanced at the Site. Of the 64 soil borings, 27 were converted into monitoring wells, 5 of which were temporary monitoring wells. Groundwater samples were only collected from 19 of the 27 installed monitoring wells due to demolition activities or inadequate groundwater recharge;
- the Site geologic setting is primarily dominated by a sand and gravel fill layer, underlain by native clay/silt glacial deposits (i.e. aquitard), underlain by bedrock;
- the water table is found at depths from approximately 2.5 to 17.5 feet bgs within the fine-grained material and the sand layers of the clay/silt glacial deposits;
- **PAOCs 2 and 3 – Historical Site Operations and Adjacent Properties:** Based on the ENVIRON screening, VOCs were detected in soil at soil boring MW74-08 at a concentration exceeding the selected MDEQ Part 201 criteria. Metals, VOCs, and SVOCs, were detected in groundwater at monitoring well MW74-08 at concentrations exceeding the selected MDEQ Part 201 criteria. Metals were detected in monitoring wells MW19-07, MW32-07, and MW68-08 at concentrations exceeding the selected MDEQ Part 201 criteria. LNAPL was detected in monitoring well MW69-08;
- **PAOC 5 – USTs – (Former) Plant 3:** Based on the ENVIRON screening, benzo(a)pyrene was detected in soil at soil boring BH36-07 at a concentration exceeding the selected MDEQ Part 201 criteria. Metals were detected in groundwater at monitoring wells MW33-07 and MW34-07 at concentrations exceeding the selected MDEQ Part 201 criteria;
- **PAOC 6 – USTs – (Former) Plant 4:** Based on the ENVIRON screening, arsenic was detected in soil at soil boring BH47-07 at a concentration exceeding the selected MDEQ Part 201 criteria;
- **PAOC 10 – Surficial Scarring:** Based on the ENVIRON screening, metals and SVOCs were detected in groundwater at monitoring well MW35-07 at concentrations exceeding the selected MDEQ Part 201 criteria;
- **PAOC 21 – Wastewater Lift Station and Process Lines:** Based on the ENVIRON screening, manganese was detected in soil at soil boring MW28-07 at a concentration exceeding the selected MDEQ Part 201 criteria;

- **PAOC 22 – Former Paint Mix Rooms:** Based on the ENVIRON screening, PCBs were detected in soil at soil boring BH72-08 at concentrations exceeding the selected MDEQ Part 201 criteria;
- LNAPL sampled from monitoring well MW69-08 was determined to be a biodegradable middle distillate such as diesel fuel or kerosene;
- The LNAPL has been horizontally and vertically delineated via a LIF survey and appears to be located in the central portion of the south area of the Site; and
- The ENVIRON risk evaluation concluded that the soil, groundwater, and LNAPL data used in the evaluation do not indicate a potential for significant worker exposures at the Site, with the exception of historical xylene concentrations in the soil south of former Building 17 (which may not be representative of current Site conditions) and chloromethane concentrations in LNAPL north of former Building 17.

6.0 REFERENCES

CRA, 2006. Phase I Environmental Site Assessment, General Motors Pontiac Centerpoint Campus - Validation Center, Pontiac, Michigan.

CRA, 2007a. Phase II Environmental Site Assessment Work Plan, General Motors Pontiac Centerpoint Campus - Validation Center, Pontiac, Michigan.

CRA, 2007b. Site-Specific Health and Safety Plan, General Motors Pontiac Centerpoint Campus - Validation Center, Pontiac, Michigan.

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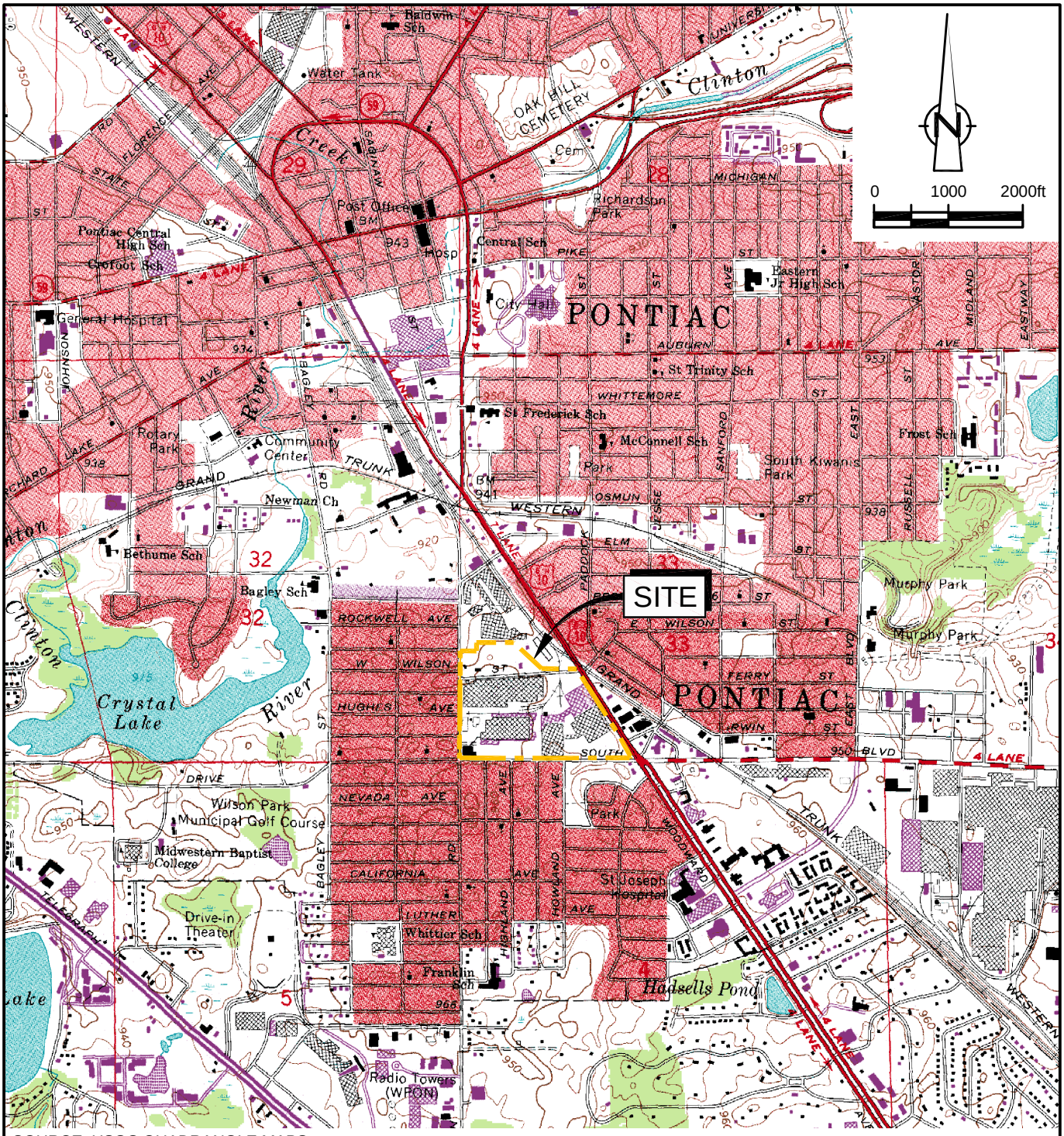


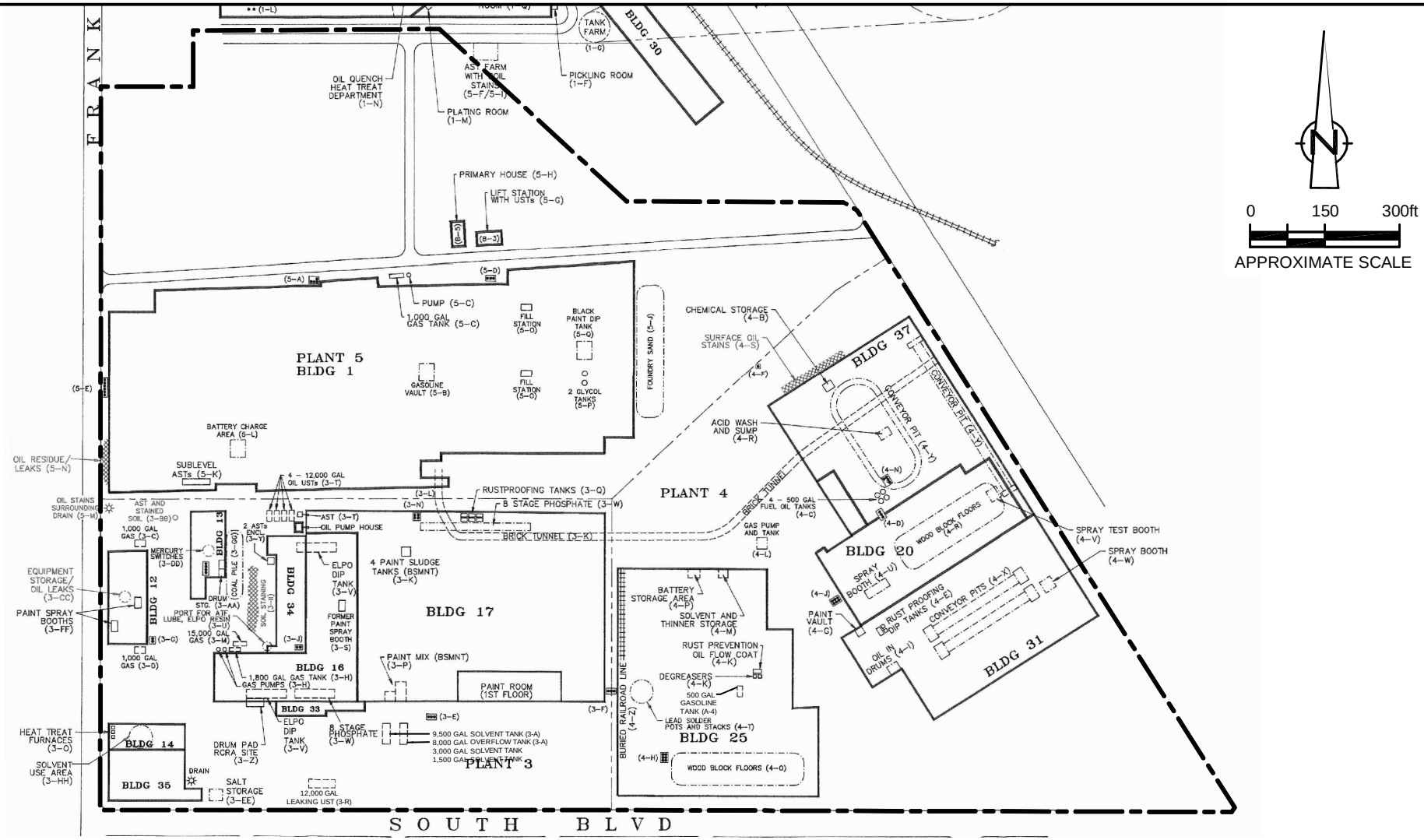
SOURCE: USGS QUADRANGLE MAPS;
PONTIAC NORTH AND SOUTH, MICHIGAN; 1968

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

figure 1.1

SITE LOCATION MAP
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

17322-06(009)GN-WA001 JUN 12/2009



SOURCES: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

LEGEND

APPROXIMATE SITE BOUNDARY

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

figure 1.2

HISTORICAL SITE PLAN
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

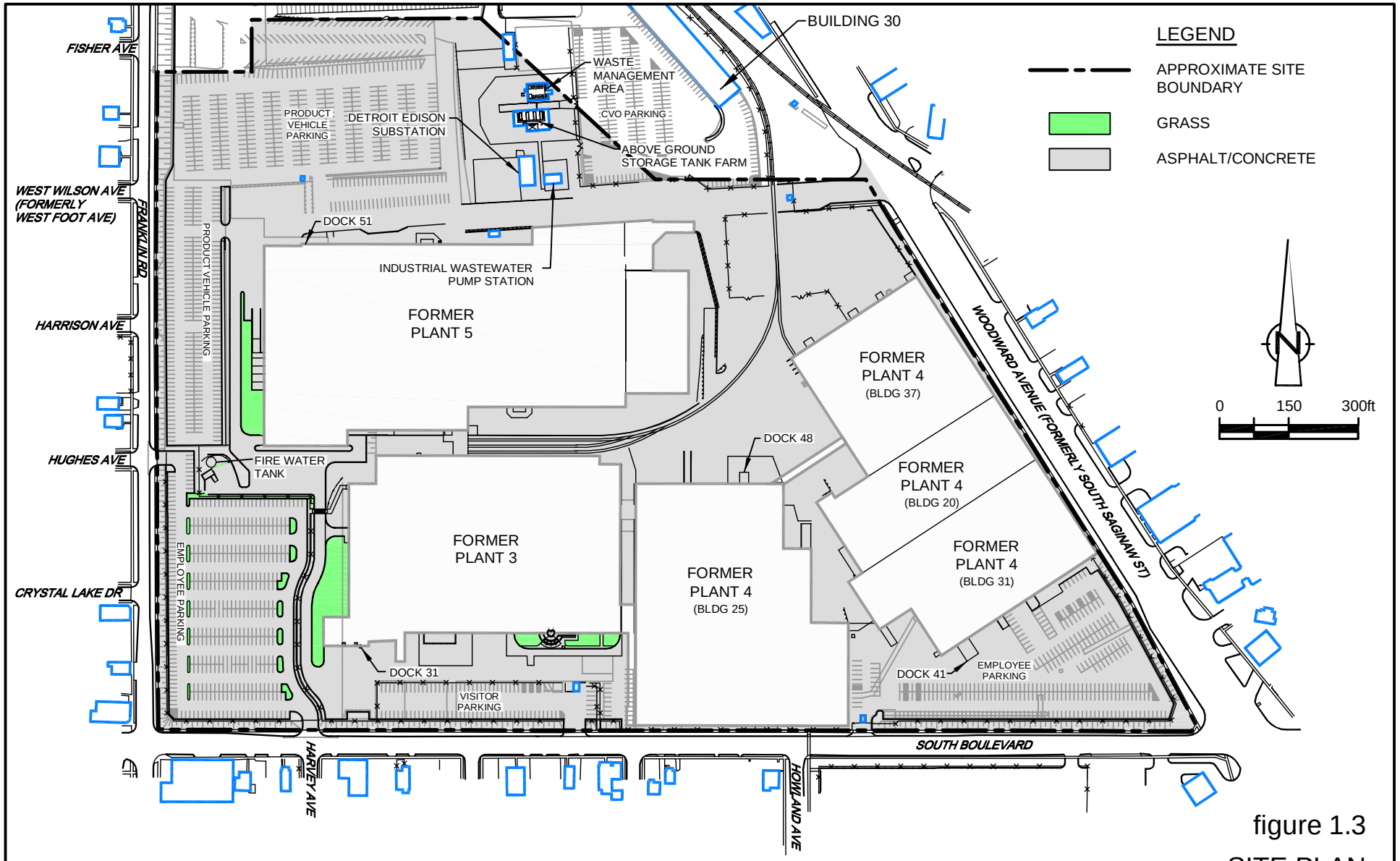


figure 1.3

SITE PLAN
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

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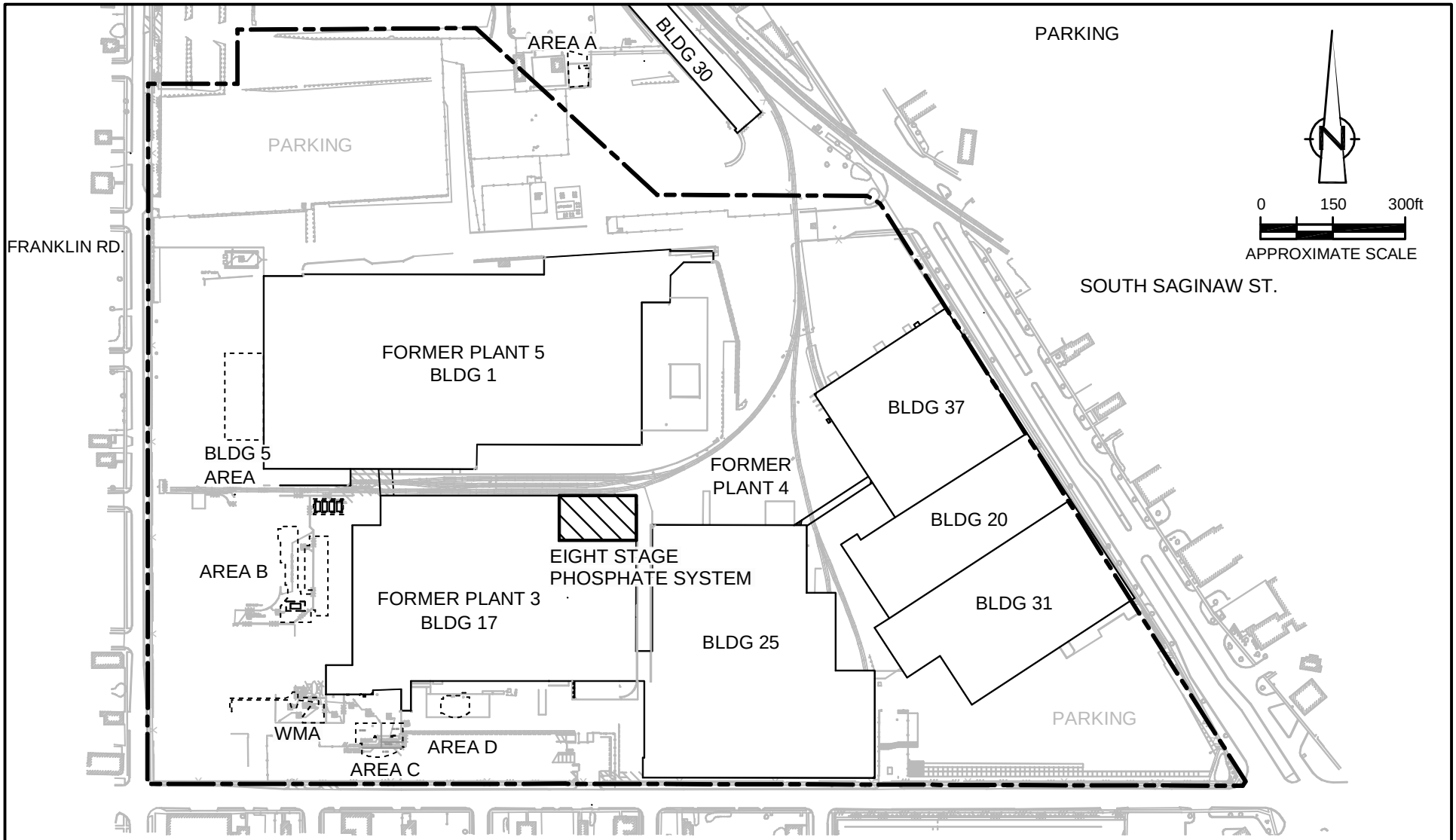
PREPARED AT THE REQUEST OF COUNSEL



SOURCE: GIFFELS ASSOCIATES, INC., FEBRUARY 27, 1995

LEGEND

APPROXIMATE SITE BOUNDARY

figure 1.4

PREVIOUS AREAS OF INVESTIGATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

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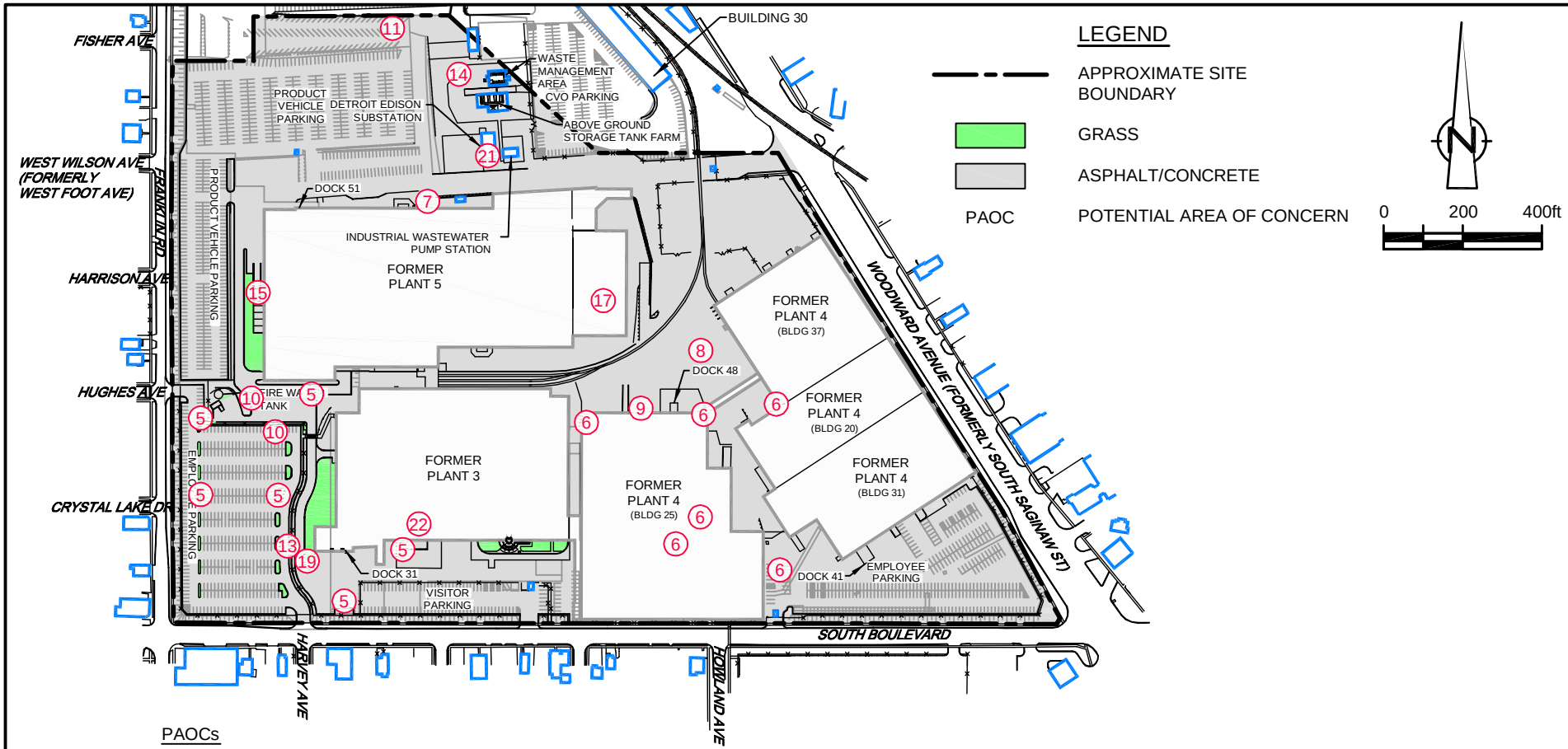
17322-06(009)GN-WA004 JUN 12/2009



PAOCs

2 HISTORICAL OPERATIONS - PLANT 3, 4, AND 5 (NOT SHOWN)
3 HISTORICAL ADJACENT PROPERTIES (NOT SHOWN)
5 USTs - FORMER PLANT 3
6 USTs - FORMER PLANT 4
7 USTs - FORMER PLANT 5
8 FORMER INCINERATOR
9 TUNNELS
10 FORMER POWERHOUSE
11 SURFICIAL SCARRING
13 WMA SOUTH OF PLANT 3
14 AST FARM AT PLANT 1
15 POTENTIAL FILL PIPES
16 BULK LOADING/UNLOADING AREAS (NOT SHOWN)
17 FORMER FOUNDRY SAND
19 FORMER WASTEWATER TREATMENT
20 FORMER TRANSFORMERS, SUBSTATIONS, AND LARGE CAPACITORS (NOT SHOWN)
21 WASTEWATER LIFT STATION AND PROCESS LINES
22 PAINT MIX ROOM

figure 1.5

LOCATIONS OF PAOCs
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

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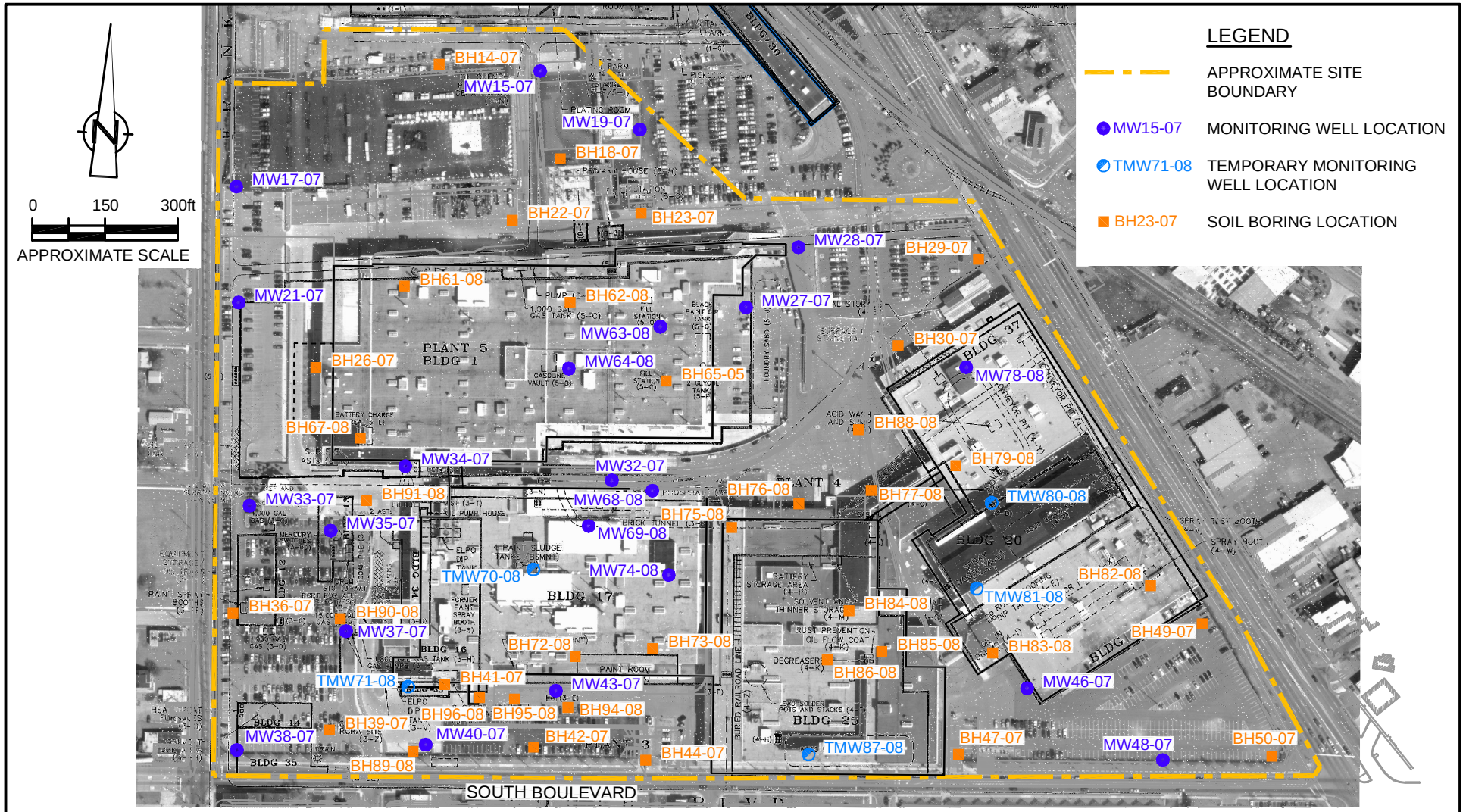

HISTORICAL SITE PLAN SOURCE:
GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

AERIAL PHOTOGRAPH SOURCE:
PONTIAC 2002 AERIAL SUPPLIED BY OAKLAND COUNTY MICHIGAN

figure 2.1

COMPLETED INVESTIGATIVE LOCATIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

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HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

AERIAL PHOTOGRAPH SOURCE: PONTIAC 2002 AERIAL SUPPLIED BY OAKLAND COUNTY MICHIGAN

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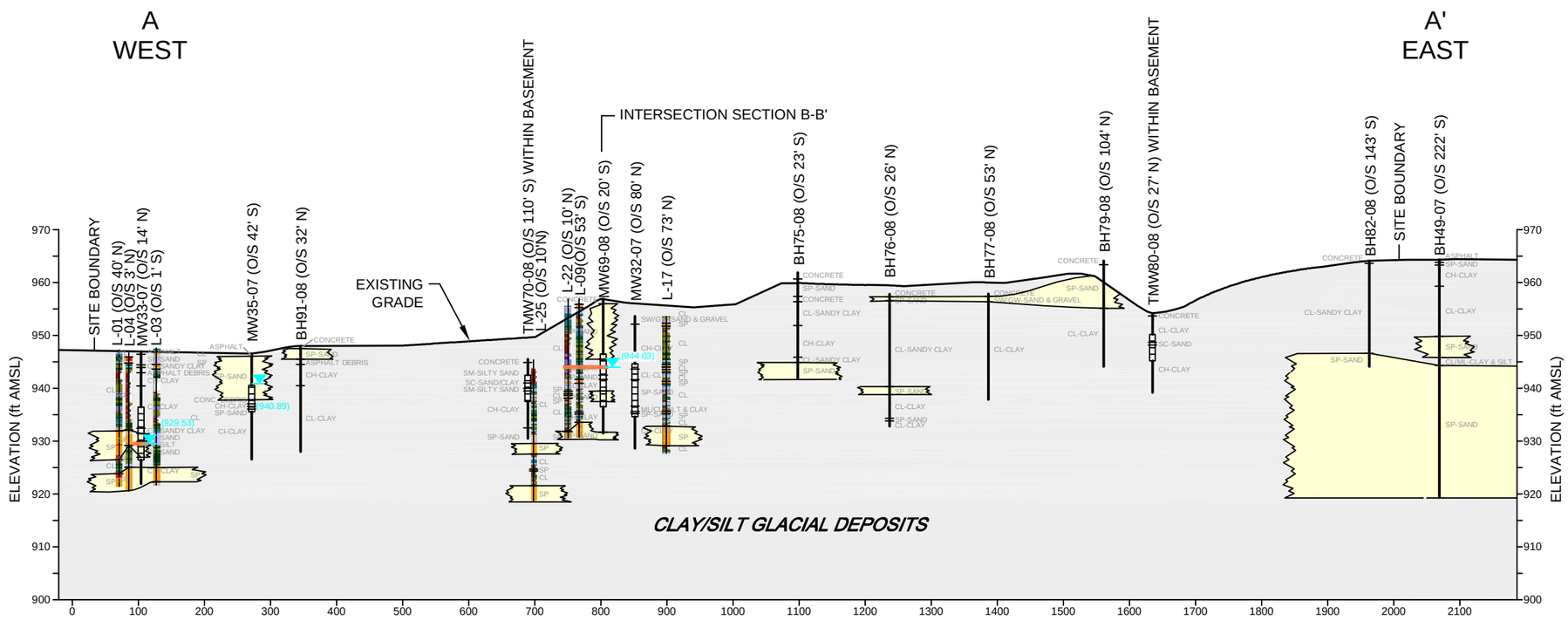
PREPARED AT THE REQUEST OF COUNSEL

figure 3.1

LOCATION OF GEOLOGIC CROSS-SECTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan



DISTANCE IN FEET
HORIZONTAL TO VERTICAL EXAGGERATION 8 : 1

LEGEND

MW35-07 — WELL/BOREHOLE ID

SAND LAYERS

(929.53) — GROUNDWATER ELEVATION SYMBOL

STRATIGRAPHIC CONTACT

SCREENED INTERVAL

APPROXIMATE LOCATION OF LNAPL PLUME

ft AMSL — FEET ABOVE MEAN SEA LEVEL

(929.53) — GROUNDWATER ELEVATION IN ft AMSL (MEASURED DECEMBER 12, 2008)

LNAPL — LIGHT NON-AQUEOUS PHASE LIQUID

L-17

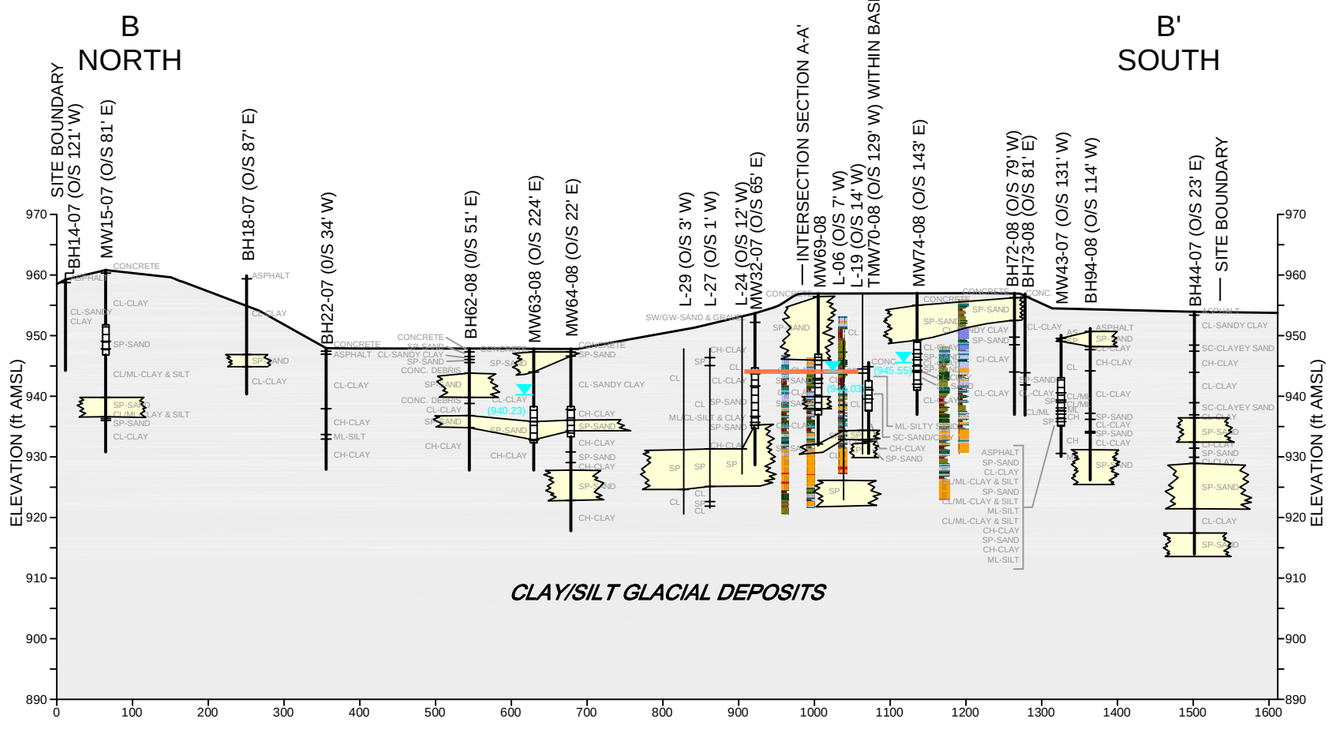
NOTE:
L SERIES STRATIGRAPHY IS BASED ON CONE PENETROMETER DATA

TOP OF BEDROCK ELEVATION IS AT APPROXIMATELY 650 ft AMSL BASED ON REGIONAL GEOLOGY

PRIVILEGED AND CONFIDENTIAL
PREPARED AT ENCORE COUNSEL'S REQUEST

figure 3.2

CROSS-SECTION A-A'
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan



DISTANCE IN FEET
HORIZONTAL TO VERTICAL EXAGGERATION 8 : 1

LEGEND

MW63-08 — WELL/BOREHOLE ID

SAND LAYERS

(940.23) — GROUNDWATER ELEVATION SYMBOL

STRATIGRAPHIC CONTACT

SCREENED INTERVAL

APPROXIMATE LOCATION OF LNAPL PLUME

ft AMSL — FEET ABOVE MEAN SEA LEVEL

(940.23) — GROUNDWATER ELEVATION IN ft AMSL (MEASURED DECEMBER 12, 2008)

LNAPL — LIGHT NON-AQUEOUS PHASE LIQUID

L-27

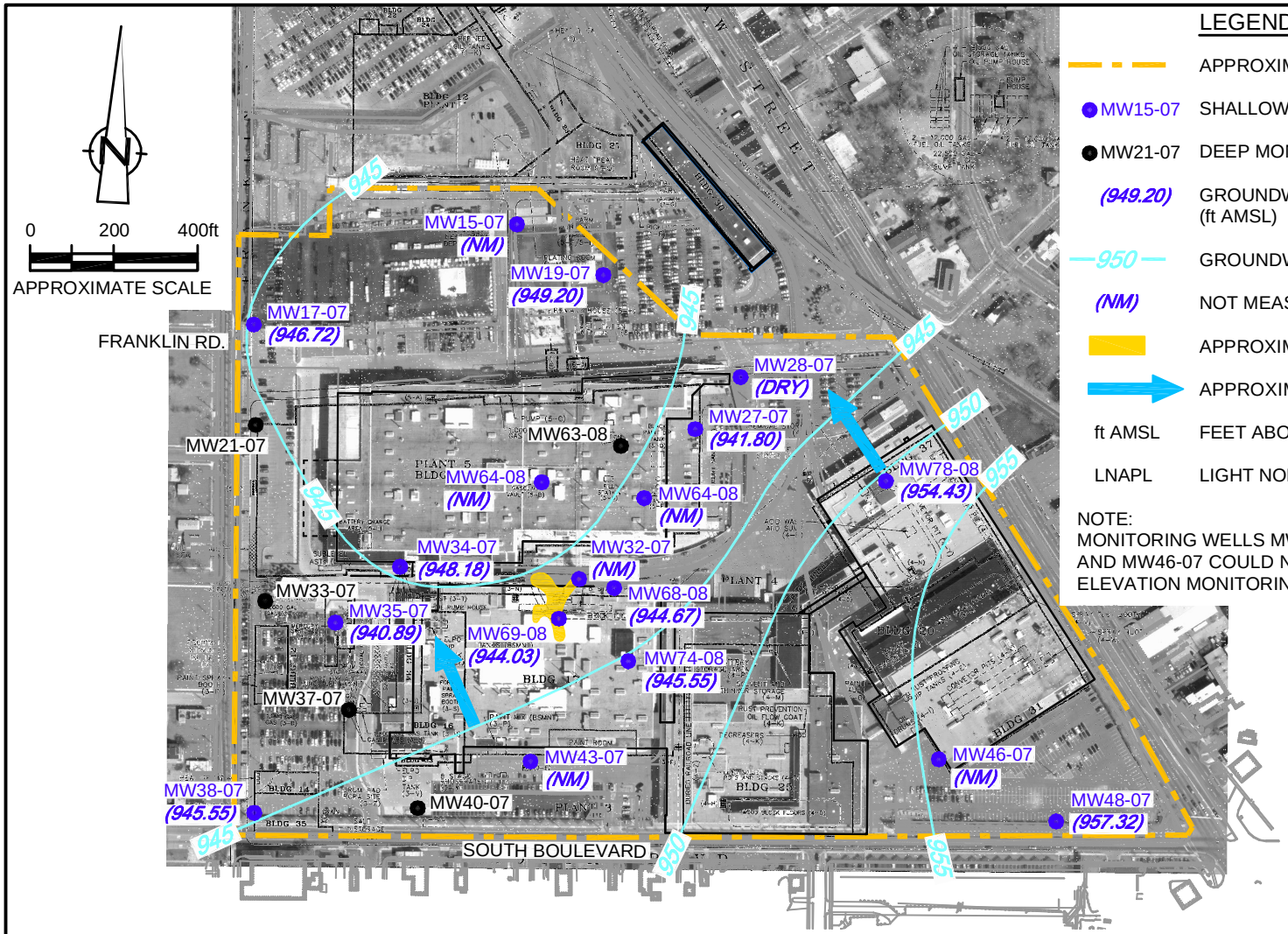
NOTE:
L SERIES STRATIGRAPHY IS BASED ON CONE PENETROMETER DATA

TOP OF BEDROCK ELEVATION IS AT APPROXIMATELY 650 ft AMSL BASED ON REGIONAL GEOLOGY

PRIVILEGED AND CONFIDENTIAL
PREPARED AT ENCORE COUNSEL'S REQUEST

figure 3.3

CROSS-SECTION B-B'
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan



LEGEND

- APPROXIMATE SITE BOUNDARY
- MW15-07 SHALLOW MONITORING WELL LOCATION
- MW21-07 DEEP MONITORING WELL LOCATION
- (949.20) GROUNDWATER ELEVATION (DECEMBER 15, 2008) (ft AMSL)
- 950 GROUNDWATER ELEVATION CONTOUR
- (NM) NOT MEASURED, MONITORING WELL NOT LOCATED
- APPROXIMATE LOCATION OF LNAPL PLUME
- APPROXIMATE GROUNDWATER FLOW DIRECTION
- ft AMSL FEET ABOVE MEAN SEA LEVEL
- LNAPL LIGHT NON-AQUEOUS PHASE LIQUID

NOTE:
MONITORING WELLS MW15-07, MW64-08, MW32-07, MW43-07, AND MW46-07 COULD NOT BE LOCATED FOR GROUNDWATER ELEVATION MONITORING.

HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

AERIAL PHOTOGRAPH SOURCE: PONTIAC 2002 AERIAL SUPPLIED BY OAKLAND COUNTY MICHIGAN

figure 3.4

SHALLOW GROUNDWATER CONTOURS - DECEMEBER 15, 2008
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

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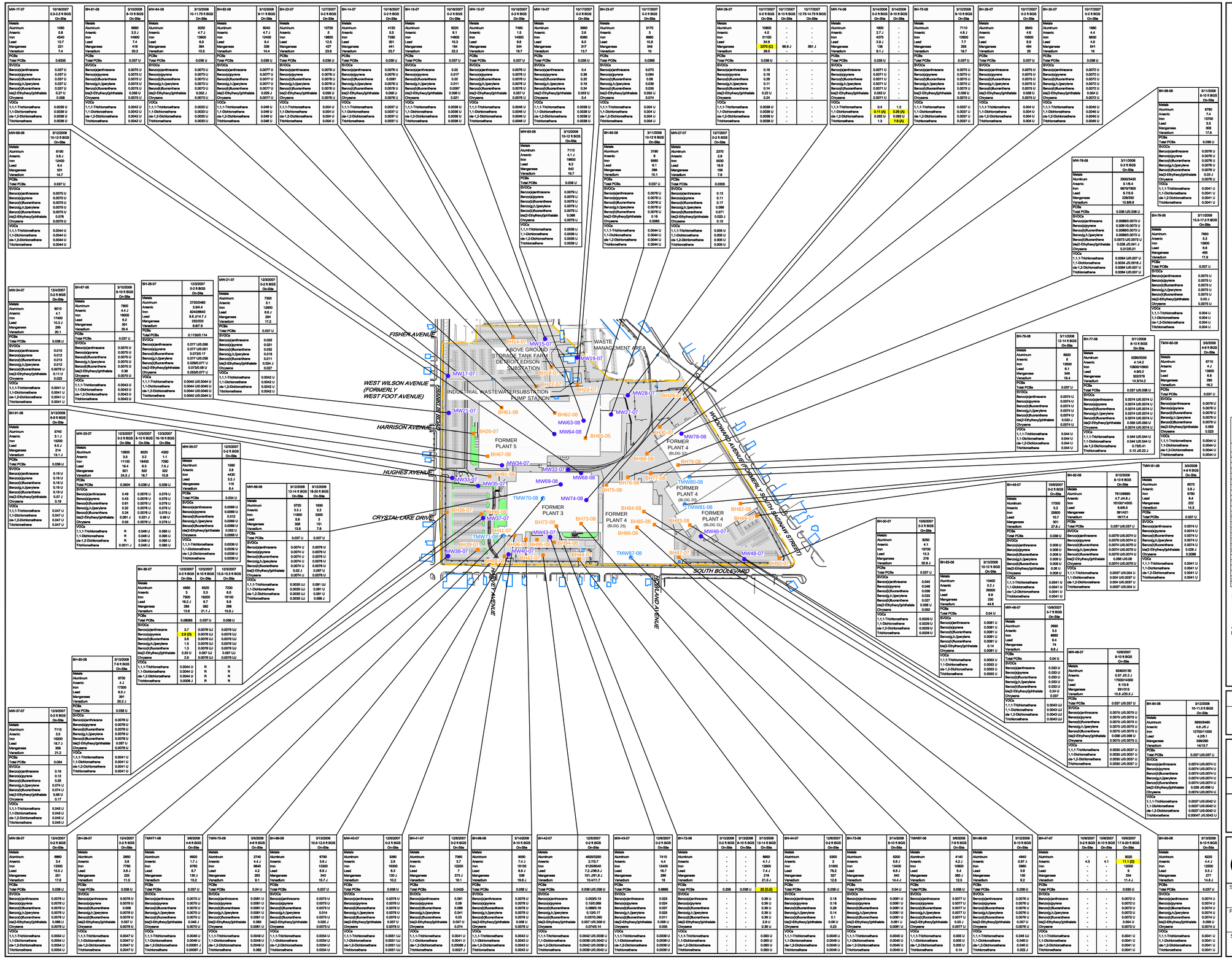


MW-17-07	10/16/2007 0.5-2.5 ft BGS On-Site
Metals	
Aluminum	1490
Arsenic	5.8
Iron	4540
Lead	10.7
Manganese	221
Vanadium	7.4
PCBs	
Total PCBs	0.9335
SVOCs	
Benzo(a)anthracene	0.037 U
Benzo(a)pyrene	0.037 U
Benzo(b)fluoranthene	0.037 U
Benzo(g,h,i)perylene	0.037 U
Benzo(k)fluoranthene	0.037 U
bis(2-Ethylhexyl)phthalate	0.27 U
Chrysene	0.056
VOCs	
1,1,1-Trichloroethane	0.0038 U
1,1-Dichloroethane	0.0038 U
cis-1,2-Dichloroethene	0.0038 U
Trichloroethene	0.0038 U

BH-01-08	3/10/2008 8-10 ft BGS On-Site
Metals	
Aluminum	9680
Arsenic	2.5 J
Iron	14900
Lead	7.4
Manganese	419
Vanadium	20.2
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U
Benzo(a)pyrene	0.0075 U
Benzo(b)fluoranthene	0.0075 U
Benzo(g,h,i)perylene	0.0075 U
Benzo(k)fluoranthene	0.0075 U
bis(2-Ethylhexyl)phthalate	0.056 U
Chrysene	0.0075 U
VOCs	
1,1,1-Trichloroethane	0.0042 U
1,1-Dichloroethane	0.0042 U
cis-1,2-Dichloroethene	0.0042 U
Trichloroethene	0.0042 U

MW-04-08	3/10/2008 10-11.75 ft BGS On-Site
Metals	
Aluminum	6250
Arsenic	4.7 J
Iron	13900
Lead	6.9
Manganese	364
Vanadium	15.5
PCBs	
Total PCBs	0.036 U
SVOCs	
Benzo(a)anthracene	0.0073 U
Benzo(a)pyrene	0.0073 U
Benzo(b)fluoranthene	0.0073 U
Benzo(g,h,i)perylene	0.0073 U
Benzo(k)fluoranthene	0.0073 U
bis(2-Ethylhexyl)phthalate	0.062 J
Chrysene	0.0073 U
VOCs	
1,1,1-Trichloroethane	0.0033 U
1,1-Dichloroethane	0.0033 U
cis-1,2-Dichloroethene	0.0033 U
Trichloroethene	0.0033 U

BH-02-08	3/10/2008 9-11 ft BGS On-Site
Metals	
Aluminum	6040
Arsenic	4.7 J
Iron	12400
Lead	9.4
Manganese	339
Vanadium	14.4
PCBs	
Total PCBs	0.038 U
SVOCs	
Benzo(a)anthracene	0.0077 U
Benzo(a)pyrene	0.0077 U
Benzo(b)fluoranthene	0.0077 U
Benzo(g,h,i)perylene	0.0077 U
Benzo(k)fluoranthene	0.0077 U
bis(2-Ethylhexyl)phthalate	0.029 J
Chrysene	0.0077 U
VOCs	
1,1,1-Trichloroethane	0.046 U
1,1-Dichloroethane	0.046 U
cis-1,2-Dichloroethene	0.046 U
Trichloroethene	0.046 U

BH-23-07	12/7/2007 0-2 ft BGS On-Site
Metals	
Aluminum	10700
Arsenic	5
Iron	19800
Lead	12.5
Manganese	427
Vanadium	23.6
PCBs	
Total PCBs	0.038 U
SVOCs	
Benzo(a)anthracene	0.0078 U
Benzo(a)pyrene	0.0078 U
Benzo(b)fluoranthene	0.0081 J
Benzo(g,h,i)perylene	0.0078 U
Benzo(k)fluoranthene	0.0078 U
bis(2-Ethylhexyl)phthalate	0.068 J
Chrysene	0.0078 U
VOCs	
1,1,1-Trichloroethane	0.046 U
1,1-Dichloroethane	0.046 U
cis-1,2-Dichloroethene	0.046 U
Trichloroethene	0.046 U

BH-14-07	10/16/2007 0-2 ft BGS On-Site
Metals	
Aluminum	4120
Arsenic	5.5
Iron	7290
Lead	301
Manganese	441
Vanadium	23.7
PCBs	
Total PCBs	0.039 U
SVOCs	
Benzo(a)anthracene	0.0078 U
Benzo(a)pyrene	0.0078 U
Benzo(b)fluoranthene	0.0081 J
Benzo(g,h,i)perylene	0.0078 U
Benzo(k)fluoranthene	0.0078 U
bis(2-Ethylhexyl)phthalate	0.037 J
Chrysene	0.0078 U
VOCs	
1,1,1-Trichloroethane	0.0037 U
1,1-Dichloroethane	0.0037 U
cis-1,2-Dichloroethene	0.0037 U
Trichloroethene	0.0037 U

BH-18-07	10/16/2007 0-2 ft BGS On-Site
Metals	
Aluminum	9220
Arsenic	6.1
Iron	14600
Lead	10.3
Manganese	194
Vanadium	22.2
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.02
Benzo(a)pyrene	0.017
Benzo(b)fluoranthene	0.03
Benzo(g,h,i)perylene	0.011
Benzo(k)fluoranthene	0.0097
bis(2-Ethylhexyl)phthalate	0.056 U
Chrysene	0.021
VOCs	
1,1,1-Trichloroethane	0.0038 U
1,1-Dichloroethane	0.0038 U
cis-1,2-Dichloroethene	0.0038 U
Trichloroethene	0.0038 U

MW-15-07	10/16/2007 0-2 ft BGS On-Site
Metals	
Aluminum	7460
Arsenic	1.5
Iron	14000
Lead	8.6
Manganese	344
Vanadium	19.7
PCBs	
Total PCBs	0.035 U
SVOCs	
Benzo(a)anthracene	0.0076 U
Benzo(a)pyrene	0.0076 U
Benzo(b)fluoranthene	0.0076 U
Benzo(g,h,i)perylene	0.0076 U
Benzo(k)fluoranthene	0.0076 U
bis(2-Ethylhexyl)phthalate	0.067 U
Chrysene	0.0076 U
VOCs	
1,1,1-Trichloroethane	0.004 U
1,1-Dichloroethane	0.004 U
cis-1,2-Dichloroethene	0.004 U
Trichloroethene	0.004 U

MW-19-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	3890
Arsenic	2.8
Iron	8360
Lead	8.6
Manganese	344
Vanadium	13.7
PCBs	
Total PCBs	0.035 U
SVOCs	
Benzo(a)anthracene	0.4
Benzo(a)pyrene	0.36
Benzo(b)fluoranthene	0.32
Benzo(g,h,i)perylene	0.19
Benzo(k)fluoranthene	0.039
bis(2-Ethylhexyl)phthalate	0.055 U
Chrysene	0.074
VOCs	
1,1,1-Trichloroethane	0.004 U
1,1-Dichloroethane	0.004 U
cis-1,2-Dichloroethene	0.004 U
Trichloroethene	0.004 U

BH-23-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	3170
Arsenic	3
Iron	8960
Lead	10.8
Manganese	348
Vanadium	10
PCBs	
Total PCBs	0.0365
SVOCs	
Benzo(a)anthracene	0.073
Benzo(a)pyrene	0.064
Benzo(b)fluoranthene	0.08
Benzo(g,h,i)perylene	0.039
Benzo(k)fluoranthene	0.039
bis(2-Ethylhexyl)phthalate	0.056 U
Chrysene	0.074
VOCs	
1,1,1-Trichloroethane	0.004 U
1,1-Dichloroethane	0.004 U
cis-1,2-Dichloroethene	0.004 U
Trichloroethene	0.004 U

MW-28-07	10/17/2007 0-2 ft BGS On-Site	10/17/2007 8-10 ft BGS On-Site	10/17/2007 12.75-14.75 ft BGS On-Site
Metals			
Aluminum	10800	-	-
Arsenic	4.8	-	-
Iron	31100	-	-
Lead	54.8	-	-
Manganese	2270 (C)	98.8 J	591 J
Vanadium	28.5	-	-
PCBs			
Total PCBs	0.036 U	-	-
SVOCs			
Benzo(a)anthracene	0.18	-	-
Benzo(a)pyrene	0.18	-	-
Benzo(b)fluoranthene	0.26	-	-
Benzo(g,h,i)perylene	0.11	-	-
Benzo(k)fluoranthene	0.14	-	-
bis(2-Ethylhexyl)phthalate	0.22 U	-	-
Chrysene	0.24	-	-
VOCs			
1,1,1-Trichloroethane	0.0038 U	-	-
1,1-Dichloroethane	0.0038 U	-	-
cis-1,2-Dichloroethene	0.0038 U	-	-
Trichloroethene	0.0038 U	-	-

MW-74-08	3/14/2008 0-2 ft BGS On-Site	3/14/2008 8-10 ft BGS On-Site
Metals		
Aluminum	1800	-
Arsenic	2.7 J	-
Iron	4370	-
Lead	2.9 J	-
Manganese	138	-
Vanadium	6.1 J	-
PCBs		
Total PCBs	0.036 U	-
SVOCs		
Benzo(a)anthracene	0.071 U	-
Benzo(a)pyrene	0.071 U	-
Benzo(b)fluoranthene	0.071 U	-
Benzo(g,h,i)perylene	0.071 U	-
Benzo(k)fluoranthene	0.071 U	-
bis(2-Ethylhexyl)phthalate	0.083 U	-
Chrysene	0.071 U	-
VOCs		
1,1,1-Trichloroethane	0.4	1.3
1,1-Dichloroethane	0.11 (A)	0.35 (A)
cis-1,2-Dichloroethene	0.092 U	0.093 U
Trichloroethene	1.3	7.6 (A)

BH-75-08	3/13/2008 8-10 ft BGS On-Site
Metals	
Aluminum	7110
Arsenic	4.8 J
Iron	13600
Lead	7.7
Manganese	317
Vanadium	18.7
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U
Benzo(a)pyrene	0.0075 U
Benzo(b)fluoranthene	0.0075 U
Benzo(g,h,i)perylene	0.0075 U
Benzo(k)fluoranthene	0.0075 U
bis(2-Ethylhexyl)phthalate	0.066 U
Chrysene	0.0075 U
VOCs	
1,1,1-Trichloroethane	0.0037 U
1,1-Dichloroethane	0.0037 U
cis-1,2-Dichloroethene	0.0037 U
Trichloroethene	0.0037 U

BH-29-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	9940
Arsenic	4.6
Iron	16800
Lead	8.9
Manganese	484
Vanadium	25
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U
Benzo(a)pyrene	0.0075 U
Benzo(b)fluoranthene	0.0075 U
Benzo(g,h,i)perylene	0.0075 U
Benzo(k)fluoranthene	0.0075 U
bis(2-Ethylhexyl)phthalate	0.066 U
Chrysene	0.0075 U
VOCs	
1,1,1-Trichloroethane	0.0037 U
1,1-Dichloroethane	0.0037 U
cis-1,2-Dichloroethene	0.0037 U
Trichloroethene	0.0037 U

BH-30-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	1880
Arsenic	4.4
Iron	6630
Lead	4.9
Manganese	541
Vanadium	16
PCBs	
Total PCBs	0.036 U
SVOCs	
Benzo(a)anthracene	0.0072 U
Benzo(a)pyrene	0.0072 U
Benzo(b)fluoranthene	0.0072 U
Benzo(g,h,i)perylene	0.0072 U
Benzo(k)fluoranthene	0.0072 U
bis(2-Ethylhexyl)phthalate	0.064 U
Chrysene	0.0072 U
VOCs	
1,1,1-Trichloroethane	0.0045 U
1,1-Dichloroethane	0.0045 U
cis-1,2-Dichloroethene	0.0045 U
Trichloroethene	0.0045 U

MW-66-08	3/12/2008 10-12 ft BGS On-Site
Metals	
Aluminum	6190
Arsenic	3.8 J
Iron	12400
Lead	6.4
Manganese	331
Vanadium	14.7
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U
Benzo(a)pyrene	0.0075 U
Benzo(b)fluoranthene	0.0075 U
Benzo(g,h,i)perylene	0.0075 U
Benzo(k)fluoranthene	0.0075 U
bis(2-Ethylhexyl)phthalate	0.078
Chrysene	0.0075 U
VOCs	
1,1,1-Trichloroethane	0.0044 U
1,1-Dichloroethane	0.0044 U
cis-1,2-Dichloroethene	0.0044 U
Trichloroethene	0.0044 U

MW-63-08	3/10/2008 10-12 ft BGS On-Site
Metals	
Aluminum	7110
Arsenic	4.1 J
Iron	18800
Lead	8.2
Manganese	542
Vanadium	18.7
PCBs	
Total PCBs	0.039 U
SVOCs	
Benzo(a)anthracene	0.0079 U
Benzo(a)pyrene	0.0079 U
Benzo(b)fluoranthene	0.0079 U
Benzo(g,h,i)perylene	0.0079 U
Benzo(k)fluoranthene	0.0079 U
bis(2-Ethylhexyl)phthalate	0.066
Chrysene	0.0079 U
VOCs	
1,1,1-Trichloroethane	0.0039 U
1,1-Dichloroethane	0.0039 U
cis-1,2-Dichloroethene	0.0039 U
Trichloroethene	0.0039 U

BH-65-08	3/11/2008 10-12 ft BGS On-Site
Metals	
Aluminum	3190
Arsenic	6
Iron	9560
Lead	6.1
Manganese	286
Vanadium	10.1
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0076 U
Benzo(a)pyrene	0.0076 U
Benzo(b)fluoranthene	0.0076 U
Benzo(g,h,i)perylene	0.0076 U
Benzo(k)fluoranthene	0.0076 U
bis(2-Ethylhexyl)phthalate	0.16
Chrysene	0.0083
VOCs	
1,1,1-Trichloroethane	0.0044 U
1,1-Dichloroethane	0.0044 U
cis-1,2-Dichloroethene	0.0044 U
Trichloroethene	0.0044 U

MW-27-07	12/7/2007 0-2 ft BGS On-Site
Metals	
Aluminum	2370
Arsenic	2.8
Iron	5530
Lead	16.9
Manganese	158
Vanadium	7.8
PCBs	
Total PCBs	0.0305
SVOCs	
Benzo(a)anthracene	0.13
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.17
Benzo(g,h,i)perylene	0.068
Benzo(k)fluoranthene	0.071
bis(2-Ethylhexyl)phthalate	0.023 J
Chrysene	0.15
VOCs	
1,1,1-Trichloroethane	0.005 U
1,1-Dichloroethane	0.005 U
cis-1,2-Dichloroethene	0.005 U
Trichloroethene	0.005 U

BH-83-08	3/12/2008 10-12 ft BGS On-Site
Metals	
Aluminum	10400
Arsenic	5.2 J
Iron	20600
Lead	9.9
Manganese	200
Vanadium	44.6
PCBs	
Total PCBs	0.04 U
SVOCs	
Benzo(a)anthracene	0.0081 U
Benzo(a)pyrene	0.0081 U
Benzo(b)fluoranthene	0.0081 U
Benzo(g,h,i)perylene	0.0081 U
Benzo(k)fluoranthene	0.0081 U
bis(2-Ethylhexyl)phthalate	0.14
Chrysene	0.0081 U
VOCs	
1,1,1-Trichloroethane	0.0043 U
1,1-Dichloroethane	0.0043 U
cis-1,2-Dichloroethene	0.0043 U
Trichloroethene	0.0043 U

BH-07-07	10/9/2007 0-2 ft BGS On-Site
Metals	
Aluminum	17000
Arsenic	5.2
Iron	25800
Lead	10.7
Manganese	301
Vanadium	27.8 J
PCBs	
Total PCBs	0.039 U
SVOCs	
Benzo(a)anthracene	0.008 U
Benzo(a)pyrene	0.008 U
Benzo(b)fluoranthene	0.008 U
Benzo(g,h,i)perylene	0.008 U
Benzo(k)fluoranthene	0.008 U
bis(2-Ethylhexyl)phthalate	0.08 U
Chrysene	0.008 U
VOCs	
1,1,1-Trichloroethane	0.0041 U
1,1-Dichloroethane	0.0041 U
cis-1,2-Dichloroethene	0.0041 U
Trichloroethene	0.0041 U

MW-67-07	10/9/2007 0-2 ft BGS On-Site
Metals	
Aluminum	2690
Arsenic	3.5
Iron	6660
Lead	6.4
Manganese	74
Vanadium	8.8 J
PCBs	
Total PCBs	0.04 U
SVOCs	
Benzo(a)anthracene	0.033 U
Benzo(a)pyrene	0.033 U
Benzo(b)fluoranthene	0.033 U
Benzo(g,h,i)perylene	0.033 U
Benzo(k)fluoranthene	0.033 U
bis(2-Ethylhexyl)phthalate	0.24 U
Chrysene	0.037
VOCs	
1,1,1-Trichloroethane	0.0043 U
1,1-Dichloroethane	0.0043 U
cis-1,2-Dichloroethene	0.0043 U
Trichloroethene	0.0043 U

MW-78-08	3/11/2008 0-2 ft BGS On-Site
Metals	
Aluminum	2930/3400
Arsenic	5.1/6.4
Iron	9870/7900
Lead	8.1/5.9
Manganese	229/250
Vanadium	10.8/9.9
PCBs	
Total PCBs	0.036 U/0.036 U
SVOCs	
Benzo(a)anthracene	0.0086/0.0073 U
Benzo(a)pyrene	0.0081/0.0073 U
Benzo(b)fluoranthene	0.0086/0.0073 U
Benzo(g,h,i)perylene	0.0086/0.0073 U
Benzo(k)fluoranthene	0.0073 U/0.0073 U
bis(2-Ethylhexyl)phthalate	0.028 J/0.041 J
Chrysene	0.012/0.01 J
VOCs	
1,1,1-Trichloroethane	0.0044 U/0.0041 U
1,1-Dichloroethane	0.0044 U/0.0018 J
cis-1,2-Dichloroethene	0.0044 U/0.0041 U
Trichloroethene	0.0044 U/0.0041 U

BH-88-08	3/11/2008 8-10 ft BGS On-Site
Metals	
Aluminum	6790
Arsenic	7.4
Iron	13700
Lead	5.5
Manganese	308
Vanadium	17.8
PCBs	
Total PCBs	0.038 U
SVOCs	
Benzo(a)anthracene	0.0076 U
Benzo(a)pyrene	0.0076 U
Benzo(b)fluoranthene	0.0076 U
Benzo(g,h,i)perylene	0.0076 U
Benzo(k)fluoranthene	0.0076 U
bis(2-Ethylhexyl)phthalate	0.03 J
Chrysene	0.0076 U
VOCs	
1,1,1-Trichloroethane	0.0041 U
1,1-Dichloroethane	0.0041 U
cis-1,2-Dichloroethene	0.0041 U
Trichloroethene	0.0041 U

BH-76-08	3/11/2008 15.5-17.5 ft BGS On-Site
Metals	
Aluminum	7650
Arsenic	5.3
Iron	15800
Lead	6.8
Manganese	495
Vanadium	17.9
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U
Benzo(a)pyrene	0.0075 U
Benzo(b)fluoranthene	0.0075 U
Benzo(g,h,i)perylene	0.0075 U
Benzo(k)fluoranthene	0.0075 U
bis(2-Ethylhexyl)phthalate	0.03 J
Chrysene	0.0075 U
VOCs	
1,1,1-Trichloroethane	0.004 U
1,1-Dichloroethane	0.004 U
cis-1,2-Dichloroethene	0.004 U
Trichloroethene	0.004 U

BH-78-08	3/11/2008 12-14 ft BGS On-Site
Metals	
Aluminum	6820
Arsenic	6
Iron	13900
Lead	5.1
Manganese	349
Vanadium	18.4
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0074 U
Benzo(a)pyrene	0.0074 U
Benzo(b)fluoranthene	0.0074 U
Benzo(g,h,i)perylene	0.0074 U
Benzo(k)fluoranthene	0.0074 U
bis(2-Ethylhexyl)phthalate	0.022 J
Chrysene	0.0074 U
VOCs	
1,1,1-Trichloroethane	0.044 U
1,1-Dichloroethane	0.044 U
cis-1,2-Dichloroethene	0.044 U
Trichloroethene	0.044 U

BH-77-08	3/11/2008 8-10 ft BGS On-Site
Metals	
Aluminum	5290/5250
Arsenic	4.1/4.2
Iron	10800/10900
Lead	4.9/5.2
Manganese	302/278
Vanadium	14.3/14.2
PCBs	
Total PCBs	0.037 U/0.036 U
SVOCs	
Benzo(a)anthracene	0.0074 U/0.0074 U
Benzo(a)pyrene	0.0074 U/0.0074 U
Benzo(b)fluoranthene	0.0074 U/0.0074 U
Benzo(g,h,i)perylene	0.0074 U/0.0074 U
Benzo(k)fluoranthene	0.0074 U/0.0074 U
bis(2-Ethylhexyl)phthalate	0.036 U/0.036 U
Chrysene	0.0074 U/0.0074 U
VOCs	
1,1,1-Trichloroethane	0.044 U/0.044 U
1,1-Dichloroethane	0.044 U/0.044 U
cis-1,2-Dichloroethene	0.73/0.41
Trichloroethene	18/10/0.41/0.22 J

TMW-80-08	3/6/2008 4-6 ft BGS On-Site
Metals	
Aluminum	8710
Arsenic	4 J
Iron	13800
Lead	6.8
Manganese	285
Vanadium	18.2
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0078 U
Benzo(a)pyrene	0.0078 U
Benzo(b)fluoranthene	0.0078 U
Benzo(g,h,i)perylene	0.0078 U
Benzo(k)fluoranthene	0.063
Chrysene	0.022 J
VOCs	
1,1,1-Trichloroethane	0.0044 U
1,1-Dichloroethane	0.0044 U
cis-1,2-Dichloroethene	0.0044 U
Trichloroethene	0.0044 U

TMW-81-08	3/9/2008 4-6 ft BGS On-Site
Metals	
Aluminum	6070
Arsenic	3.8 J
Iron	9780
Lead	6.4
Manganese	222
Vanadium	14.3
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0074 U
Benzo(a)pyrene	0.0074 U
Benzo(b)fluoranthene	0.0074 U
Benzo(g,h,i)perylene	0.0074 U
bis(2-Ethylhexyl)phthalate	0.039 J
Chrysene	0.0088
VOCs	
1,1,1-Trichloroethane	0.0041 U
1,1-Dichloroethane	0.0041 U
cis-1,2-Dichloroethene	0.0041 U
Trichloroethene	0.0041 U

BH-84-08	3/12/2008 10-11.5 ft BGS On-Site
Metals	
Aluminum	6930/5460
Arsenic	4.6 J/5 J
Iron	12700/11000
Lead	4.2/5.1
Manganese	339/290
Vanadium	14/15.7
PCBs	
Total PCBs	0.037 U/0.037 U
SVOCs	
Benzo(a)anthracene	0.0074 U/0.0074 U
Benzo(a)pyrene	0.0074 U/0.0074 U
Benzo(b)fluoranthene	0.0074 U/0.0074 U
Benzo(g,h,i)perylene	0.0074 U/0.0074 U
Benzo(k)fluoranthene	0.0074 U/0.0074 U
bis(2-Ethylhexyl)phthalate	0.026 J/0.036 U
Chrysene	0.0074 U/0.0074 U
VOCs	
1,1,1-Trichloroethane	0.0037 U/0.0042 U
1,1-Dichloroethane	0.0037 U/0.0042 U
cis-1,2-Dichloroethene	0.0037 U/0.0042 U
Trichloroethene	0.00047 J/0.0042 U

MW-49-07	10/9/2007 0-2 ft BGS On-Site
Metals	
Aluminum	7610/6990
Arsenic	4.7 J/4.8 J
Iron	16100/14500
Lead	6.6/6.5
Manganese	391/421
Vanadium	16/17.4
PCBs	
Total PCBs	0.037 U/0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U/0.0074 U
Benzo(a)pyrene	0.0075 U/0.0074 U
Benzo(b)fluoranthene	0.0075 U/0.0074 U
Benzo(g,h,i)perylene	0.0075 U/0.0074 U
Benzo(k)fluoranthene	0.0075 U/0.0074 U
bis(2-Ethylhexyl)phthalate	0.066 U/0.066 U
Chrysene	0.0075 U/0.0074 U
VOCs	
1,1,1-Trichloroethane	0.0046 U/0.0045 U
1,1-Dichloroethane	0.0046 U/0.0045 U
cis-1,2-Dichloroethene	0.0046 U/0.0045 U
Trichloroethene	0.0046 U/0.0045 U

BH-82-08	3/12/2008 8-10 ft BGS On-Site
Metals	
Aluminum	7610/6990
Arsenic	4.7 J/4.8 J
Iron	16100/14500
Lead	6.6/6.5
Manganese	391/421
Vanadium	16/17.4
PCBs	
Total PCBs	0.037 U/0.037 U
SVOCs	
Benzo(a)anthracene	0.0075 U/0.0074 U
Benzo(a)pyrene	0.0075 U/0.0074 U
Benzo(b)fluoranthene	0.0075 U/0.0074 U
Benzo(g,h,i)perylene	0.0075 U/0.0074 U
Benzo(k)fluoranthene	0.0075 U/0.0074 U
bis(2-Ethylhexyl)phthalate	0.066 U/0.066 U
Chrysene	0.0075 U/0.0074 U
VOCs	
1,1,1-Trichloroethane	0.0046 U/0.0045 U
1,1-Dichloroethane	0.0046 U/0.0045 U
cis-1,2-Dichloroethene	0.0046 U/0.0045 U
Trichloroethene	0.0046 U/0.0045 U

BH-47-07	10/9/2007 0-2 ft BGS On-Site	10/9/2007 8-10 ft BGS On-Site	10/9/2007 17.5-20 ft BGS On-Site
Metals			
Aluminum	-	-	3020
Arsenic	4.3	4.1	11.1 (D)
Iron	-	-	12200
Lead	-	-	9
Manganese	-	-	334
Vanadium	-	-	11.4 J
PCBs			
Total PCBs	-	-	0.035 U
SVOCs			
Benzo(a)anthracene	-	-	0.0072 U
Benzo(a)pyrene	-	-	0.0072 U
Benzo(b)fluoranthene	-	-	0.0072 U
Benzo(g,h,i)perylene	-	-	0.0072 U
Benzo(k)fluoranthene	-	-	0.0072 U
bis(2-Ethylhexyl)phthalate	-	-	0.064 U
Chrysene	-	-	0.0072 U
VOCs			
1,1,1-Trichloroethane	-	-	0.0041 U
1,1-Dichloroethane	-	-	0.0041 U
cis-1,2-Dichloroethene	-	-	0.0041 U
Trichloroethene	-	-	0.0041 U

BH-86-08	3/13/2008 8-10 ft BGS On-Site
Metals	
Aluminum	6220
Arsenic	4.4 J
Iron	12200
Lead	5.5 J
Manganese	277
Vanadium	14.8 J
PCBs	
Total PCBs	0.037 U
SVOCs	
Benzo(a)anthracene	0.0074 U
Benzo(a)pyrene	0.0074 U
Benzo(b)fluoranthene	0.0074 U
Benzo(g,h,i)perylene	0.0074 U
Benzo(k)fluoranthene	0.0074 U
bis(2-Ethylhexyl)phthalate	0.056 U
Chrysene	0.0074 U
VOCs	
1,1,1-Trichloroethane	0.0045 U
1,1-Dichloroethane	0.0045 U
cis-1,2-Dichloroethene	0.0045 U
Trichloroethene	0.0045 U

BH-49-07	10/9/2007 0-2 ft BGS On-Site
Metals	
Aluminum	17000
Arsenic	5.2
Iron	25800
Lead	10.7
Manganese	301
Vanadium	27.8 J
PCBs	
Total PCBs	0.039 U
SVOCs	
Benzo(a)anthracene	0.008 U
Benzo(a)pyrene	0.008 U
Benzo(b)fluoranthene	0.008 U
Benzo(g,h,i)perylene	0.008 U
Benzo(k)fluoranthene	0.008 U
bis(2-Ethylhexyl)phthalate	0.08 U
Chrysene	0.008 U
VOCs	
1,1,1-Trichloroethane	0.0041 U
1,1-Dichloroethane	0.0041 U
cis-1,2-Dichloroethene	0.0041 U
Trichloroethene	0.0041 U

| BH-83-08 | 3/12/2008 10-12 ft BGS On

MW-34-07	1/8/2008 On-Site
Metals	
Aluminum	0.366 {A}
Arsenic	0.005 U
Iron	0.575
Lead	0.003 U
Manganese	0.233
Vanadium	0.0024 J
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-17-07	11/27/2007 On-Site
Metals	
Aluminum	0.191
Arsenic	0.005 U
Iron	0.415 J
Lead	0.003 U
Manganese	0.0151
Vanadium	0.0033 J
PCBs	
Total PCBs	0.000105
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-64-08	4/7/2008 On-Site
Metals	
Aluminum	0.157
Arsenic	0.005 U
Iron	1.08
Lead	0.003 U
Manganese	0.0917
Vanadium	0.0021 J
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-15-07	11/27/2007 On-Site
Metals	
Aluminum	0.05 U/0.0098 J
Arsenic	0.005 U/0.005 U
Iron	0.1 U/0.1 U
Lead	0.003 U/0.003 U
Manganese	0.114/0.121
Vanadium	0.004 U/0.004 U
PCBs	
Total PCBs	0.0001 U/0.0001 U
SVOCs	
Benzo(a)anthracene	0.00024 U/0.0002 U
Benzo(a)pyrene	0.00024 U/0.0002 U
Benzo(b)fluoranthene	0.0002 U/0.00024 U
Benzo(g,h,i)perylene	0.0002 U/0.00024 U
Benzo(k)fluoranthene	0.0002 U/0.00024 U
bis(2-Ethylhexyl)phthalate	0.001 U/0.0012 U
Chrysene	0.00024 U/0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U/0.001 U
1,1-Dichloroethene	0.001 U/0.001 U
cis-1,2-Dichloroethene	0.001 U/0.001 U
Trichloroethene	0.001 U/0.001 U

MW-19-07	11/27/2007 On-Site
Metals	
Aluminum	0.463 {A}
Arsenic	0.005 U
Iron	0.829 J
Lead	0.003 U
Manganese	0.0145 J
Vanadium	0.0032
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-63-08	4/7/2008 On-Site
Metals	
Aluminum	0.172
Arsenic	0.005 U
Iron	0.539
Lead	0.0225 {A,B}
Manganese	0.595
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

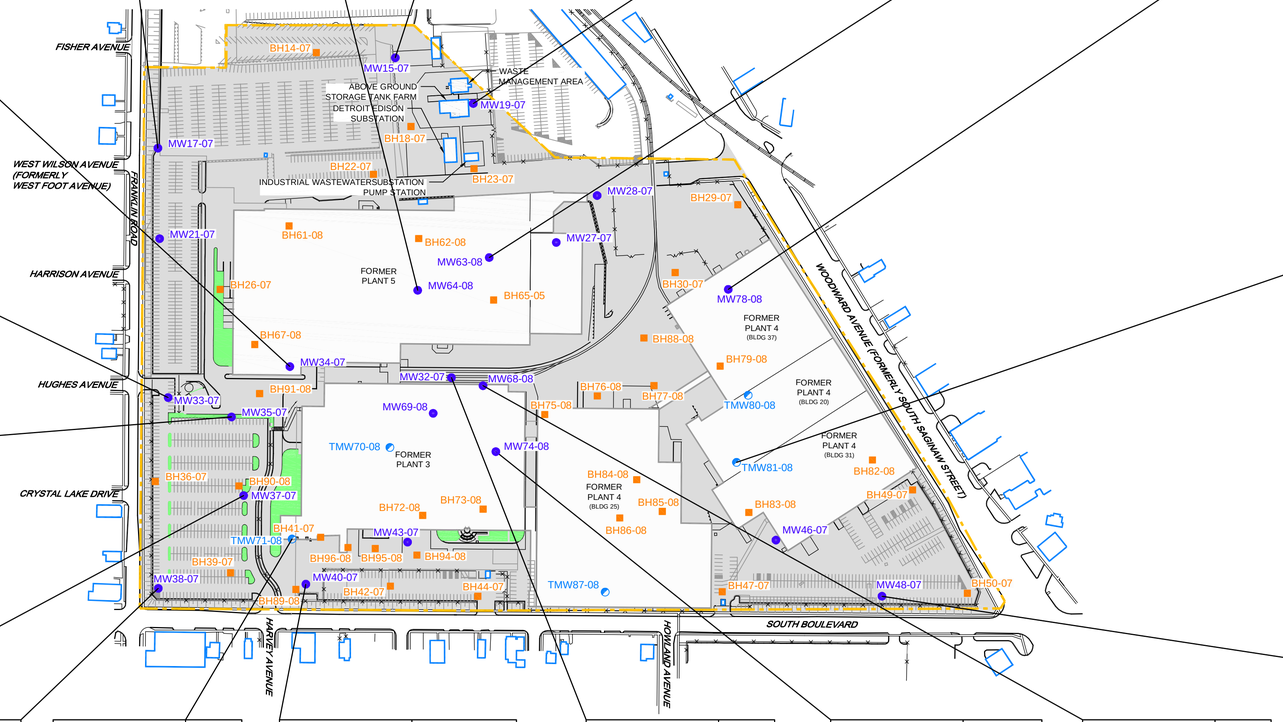
MW-78-08	4/7/2008 On-Site
Metals	
Aluminum	0.0928
Arsenic	0.005 U
Iron	0.166
Lead	0.0025 J
Manganese	0.238
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-33-07	1/8/2008 On-Site	1/9/2008 On-Site
Metals		
Aluminum	-	0.929 {A}
Arsenic	-	0.005 U
Iron	-	0.102
Lead	-	0.003 U
Manganese	-	0.0025 J
Vanadium	-	0.0072 {A}
PCBs		
Total PCBs	0.0001 U	-
SVOCs		
Benzo(a)anthracene	-	0.00025 U
Benzo(a)pyrene	-	0.00025 U
Benzo(b)fluoranthene	-	0.00025 U
Benzo(g,h,i)perylene	-	0.00025 U
Benzo(k)fluoranthene	-	0.00025 U
bis(2-Ethylhexyl)phthalate	-	0.0021
Chrysene	-	0.00025 U
VOCs		
1,1,1-Trichloroethane	0.001 U	-
1,1-Dichloroethene	0.001 U	-
cis-1,2-Dichloroethene	0.001 U	-
Trichloroethene	0.001 U	-

MW-35-07	1/8/2008 On-Site	1/9/2008 On-Site
Metals		
Aluminum	-	0.927 {A}
Arsenic	-	0.0493 {A,B}
Iron	-	0.767
Lead	-	0.003 U
Manganese	-	0.0111 J
Vanadium	-	0.0488 {A}
PCBs		
Total PCBs	0.0001 U	0.0001 U
SVOCs		
Benzo(a)anthracene	0.0002 U	0.0005 U
Benzo(a)pyrene	0.0002 U	0.0005 U
Benzo(b)fluoranthene	0.0002 U	0.0005 U
Benzo(g,h,i)perylene	0.0002 U	0.0005 U
Benzo(k)fluoranthene	0.0002 U	0.0005 U
bis(2-Ethylhexyl)phthalate	0.0069 {A,B}	0.0014 J
Chrysene	0.0002 U	0.0005 U
VOCs		
1,1,1-Trichloroethane	0.001 U	-
1,1-Dichloroethene	0.001 U	-
cis-1,2-Dichloroethene	0.001 U	-
Trichloroethene	0.001 U	-

TMW-81-08	3/10/2008 On-Site
Metals	
Aluminum	--
Arsenic	--
Iron	--
Lead	--
Manganese	--
Vanadium	--
PCBs	
Total PCBs	--
SVOCs	
Benzo(a)anthracene	--
Benzo(a)pyrene	--
Benzo(b)fluoranthene	--
Benzo(g,h,i)perylene	--
Benzo(k)fluoranthene	--
bis(2-Ethylhexyl)phthalate	--
Chrysene	--
VOCs	
1,1,1-Trichloroethane	0.004 U
1,1-Dichloroethene	0.004 U
cis-1,2-Dichloroethene	0.004 U
Trichloroethene	0.004 U

MW-48-07	4/8/2008 On-Site
Metals	
Aluminum	0.0225 J/0.0262 J
Arsenic	0.005 U/0.005 U
Iron	7.88 {A,B}/7.67 {A,B}
Lead	0.003 U/0.003 U
Manganese	0.324/0.323
Vanadium	0.004 U/0.004 U
PCBs	
Total PCBs	0.0001 U/0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U/0.0002 U
Benzo(a)pyrene	0.0002 U/0.0002 U
Benzo(b)fluoranthene	0.0002 U/0.0002 U
Benzo(g,h,i)perylene	0.0002 U/0.0002 U
Benzo(k)fluoranthene	0.0002 U/0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U/0.001 U
Chrysene	0.0002 U/0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U/0.001 U
1,1-Dichloroethene	0.00065 J/0.00068 J
cis-1,2-Dichloroethene	0.001 U/0.001 U
Trichloroethene	0.001 U/0.001 U



MW-37-07	1/8/2008 On-Site
Metals	
Aluminum	0.0487 J
Arsenic	0.0092
Iron	0.1 U
Lead	0.003 U
Manganese	0.057
Vanadium	0.0018 J
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.00073
Benzo(a)pyrene	0.00064
Benzo(b)fluoranthene	0.0012
Benzo(g,h,i)perylene	0.00057
Benzo(k)fluoranthene	0.00038
bis(2-Ethylhexyl)phthalate	0.0015
Chrysene	0.00094
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-38-07	1/9/2008 On-Site
Metals	
Aluminum	0.148
Arsenic	0.005 U
Iron	0.346
Lead	0.003 U
Manganese	0.254
Vanadium	0.004 U
PCBs	
Total PCBs	--
SVOCs	
Benzo(a)anthracene	--
Benzo(a)pyrene	--
Benzo(b)fluoranthene	--
Benzo(g,h,i)perylene	--
Benzo(k)fluoranthene	--
bis(2-Ethylhexyl)phthalate	--
Chrysene	--
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

TMW71-08	3/10/2008 On-Site
Metals	
Aluminum	--
Arsenic	--
Iron	--
Lead	--
Manganese	--
Vanadium	--
PCBs	
Total PCBs	--
SVOCs	
Benzo(a)anthracene	--
Benzo(a)pyrene	--
Benzo(b)fluoranthene	--
Benzo(g,h,i)perylene	--
Benzo(k)fluoranthene	--
bis(2-Ethylhexyl)phthalate	--
Chrysene	--
VOCs	
1,1,1-Trichloroethane	0.0025 U
1,1-Dichloroethene	0.0025 U
cis-1,2-Dichloroethene	0.0006 J
Trichloroethene	0.0025 U

MW-40-07	1/8/2008 On-Site
Metals	
Aluminum	0.0252 J/0.0198 J
Arsenic	0.005 U/0.005 U
Iron	0.106/0.0825 J
Lead	0.003 U/0.003 U
Manganese	0.0898/0.0873
Vanadium	0.004 U/0.004 U
PCBs	
Total PCBs	0.0000715/0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U/0.0002 U
Benzo(a)pyrene	0.0002 U/0.0002 U
Benzo(b)fluoranthene	0.0002 U/0.0002 U
Benzo(g,h,i)perylene	0.0002 U/0.0002 U
Benzo(k)fluoranthene	0.0002 U/0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U/0.001 U
Chrysene	0.0002 U/0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U/0.001 U
1,1-Dichloroethene	0.001 U/0.001 U
cis-1,2-Dichloroethene	0.001 U/0.001 U
Trichloroethene	0.001 U/0.001 U

MW-32-07	1/9/2008 On-Site
Metals	
Aluminum	0.325 {A}
Arsenic	0.005 U
Iron	0.783
Lead	0.003 U
Manganese	0.0108 J
Vanadium	0.0033 J
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.00093 J
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.00047 J
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

MW-74-08	4/7/2008 On-Site
Metals	
Aluminum	0.459 {A}
Arsenic	0.005 U
Iron	1.25
Lead	0.003 U
Manganese	0.475
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0034 {A}
Benzo(a)pyrene	0.0033 {C}
Benzo(b)fluoranthene	0.0041 {A,B,C}
Benzo(g,h,i)perylene	0.0022 {A,B,C}
Benzo(k)fluoranthene	0.0017 {A,B,C}
bis(2-Ethylhexyl)phthalate	0.0009 J
Chrysene	0.0033 {A,B,C}
VOCs	
1,1,1-Trichloroethane	1 {A,B}
1,1-Dichloroethene	0.057 J{A,B}
cis-1,2-Dichloroethene	0.076 J{A,B}
Trichloroethene	2.1 {A,B}

MW-68-08	4/7/2008 On-Site
Metals	
Aluminum	0.467 {A}
Arsenic	0.005 U
Iron	0.711
Lead	0.003 U
Manganese	0.0231
Vanadium	0.001 J
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.00035
Benzo(a)pyrene	0.0003
Benzo(b)fluoranthene	0.00035
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.00097 J
Chrysene	0.00032
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW28-07 MONITORING WELL LOCATION
- TMW71-08 TEMPORARY MONITORING WELL LOCATION
- BH30-07 SOIL BORING LOCATION
- {A} EXCEEDS NOTED CRITERIA
- mg/L MILLIGRAM PER LITER
- U NOT PRESENT AT OR ABOVE THE ASSOCIATED VALUE
- J ESTIMATED VALUE
- MDEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
- LNAPL LIGHT NON-AQUEOUS PHASE LIQUID
- GRASS
- ASPHALT/CONCRETE

N

0 100 200ft
APPROXIMATE SCALE

NOTES:
1. SUMMARY OF EXCEEDANCES BASED ON ENVIRON'S DATA SCREENING.
2. TEMPORARY MONITORING WELLS TMW70-08, TMW80-08, AND TMW87-08 DID NOT RECHARGE SUFFICIENTLY TO COLLECT A GROUNDWATER SAMPLE PRIOR TO ABANDONMENT.
3. THE SAMPLE COLLECTED FROM MONITORING WELL MW69-08 WAS CLASSIFIED AS LNAPL AND IS THEREFORE NOT SHOWN ON THIS FIGURE.
4. MONITORING WELLS MW21-07, MW27-07, MW28-07, MW43-07, AND MW46-07 WERE DRY DURING GROUNDWATER SAMPLING ACTIVITIES.

MW-78-08	4/7/2008 On-Site
Metals	
Aluminum	0.0928
Arsenic	0.005 U
Iron	0.166
Lead	0.0025 J
Manganese	0.238
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
SVOCs	
Benzo(a)anthracene	0.0002 U
Benzo(a)pyrene	0.0002 U
Benzo(b)fluoranthene	0.0002 U
Benzo(g,h,i)perylene	0.0002 U
Benzo(k)fluoranthene	0.0002 U
bis(2-Ethylhexyl)phthalate	0.001 U
Chrysene	0.0002 U
VOCs	
1,1,1-Trichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
cis-1,2-Dichloroethene	0.001 U
Trichloroethene	0.001 U

SAMPLE LOCATION
SAMPLE DATE
ON-SITE/OFF-SITE INDICATOR
CONCENTRATION (mg/L)
PARAMETER

MDEQ PART 201 CRITERIA

		Drinking Water Criteria: Residential	Drinking Water Criteria: Industrial & Commercial II, III & IV	Groundwater Contact Criteria
	Units	A	B	C
Metals				
Aluminum	mg/L	0.3	4.1	64000
Arsenic	mg/L	0.01	0.01	4.3
Iron	mg/L	2	5.6	5800
Lead	mg/L	0.004	0.004	--
Manganese	mg/L	0.86	2.5	9100
Vanadium	mg/L	0.0045	0.062	970
PCBs				
Total PCBs	mg/L	0.0005	0.0005	0.0033
SVOCs	mg/L			
Benzo(a)anthracene	mg/L	0.0021	0.0085	0.0094
Benzo(a)pyrene	mg/L	0.005	0.005	0.001
Benzo(b)fluoranthene	mg/L	0.0053	0.0035	0.0035
Benzo(g,h,i)perylene	mg/L	0.001	0.001	0.001
Benzo(k)fluoranthene	mg/L	0.001	0.001	0.001
bis(2-Ethylhexyl)phthalate	mg/L	0.006	0.006	0.32
Chrysene	mg/L	0.0016	0.0016	0.0016
VOCs				
1,1,1-Trichloroethane	mg/L	0.2	0.2	1300
1,1-Dichloroethene	mg/L	0.007	0.007	11
cis-1,2-Dichloroethene	mg/L	0.07	0.07	200
Trichloroethene	mg/L	0.005	0.005	22

HISTORICAL SITE PLAN SOURCE:
GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

AERIAL PHOTOGRAPH SOURCE:
PONTIAC 2002 AERIAL SUPPLIED BY OAKLAND COUNTY MICHIGAN

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

SCALE VERIFICATION

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

PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 SOUTH BOULEVARD WEST
PONTIAC, MICHIGAN

PHASE II ENVIRONMENTAL SITE ASSESSMENT

SUMMARY OF EXCEEDANCES IN GROUNDWATER

CONESTOGA-ROVERS & ASSOCIATES

Source Reference:

Project Manager:	Reviewed By:	Date:	
T.G.	S.R.	APRIL 2009	
Scale: AS SHOWN	Project No.: 17322-06	Report No.: 009	Drawing No.: figure 4.2

17322-06(009)GN-WA012 JUN 12/2009

HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

AERIAL PHOTOGRAPH SOURCE: PONTIAC 2002 AERIAL SUPPLIED BY OAKLAND COUNTY MICHIGAN

NOTES:
- SITE PLAN IS HISTORICAL.
- LNAPL DELINEATED BY LIF.
- LNAPL SURROUNDING MW33-07 WAS DETECTED AT LOW LEVELS BY LIF. THE PRESENCE OF LNAPL WAS NOT CONFIRMED IN THE MONITORING WELL.

figure 4.3

LOCATION OF LNAPL PLUME
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (SOUTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

PRIVILEGED AND CONFIDENTIAL
PREPARED AT ENCORE COUNSEL'S REQUEST

17322-06(009)GN-WA013 JUN 12/2009

TABLE 2.1

SOIL BORING SAMPLE SUMMARY
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location [1]	*Date Installed*	*Sample Identification*	*PAOC*	*Depth (ft bgs)*	*Hold (Y/N)?*	*Off Hold (Y/N)?*	*Analysis*	*Sudan IV Jar Test (pos. or neg.)*	*Jar Test Depth (ft bgs)*
BH14-07	10/16/2007	SO-17322-101607-CB-051	PAOC 11	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	Neg.	5
BH14-07	10/16/2007	SO-17322-101607-CB-052	PAOC 11	8 - 10	Y	N	-	-	-
MW15-07	10/16/2007	SO-17322-101607-CB-053	PAOC 11/PAOC 14	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW15-07	10/16/2007	SO-17322-101607-CB-054	PAOC 11/PAOC 14	8 - 10	Y	N	-	-	-
MW15-07	10/16/2007	SO-17322-101607-CB-055	PAOC 11/PAOC 14	9.75 - 11.75	Y	N	-	Neg.	9.75 - 11.75
BH17A-07	10/16/2007	SO-17322-101607-CB-061	PAOC 3	0.5 - 2.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	Neg.	1.75 - 2.25
BH17B-07	10/16/2007	-	PAOC 3	-	-	-	-	-	-
MW17-07	10/16/2007	SO-17322-101607-CB-062	PAOC 3	1.5 - 3.5	Y	N	-	Neg.	3 - 5
MW17-07	10/16/2007	SO-17322-101607-CB-063	PAOC 3	10 - 12	Y	N	-	-	-
BH18-07	10/16/2007	SO-17322-101607-CB-064	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH18-07	10/16/2007	SO-17322-101607-CB-065	PAOC 1	8 - 10	Y	N	-	-	-
BH18-07	10/16/2007	SO-17322-101607-CB-066	PAOC 1	11.5 - 13.5	Y	N	-	Neg.	11.5 - 13.5
MW19-07	10/17/2007	SO-17322-101707-CB-067	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW19-07	10/17/2007	SO-17322-101707-CB-068	PAOC 1	8 - 10	Y	N	-	Neg.	8 - 10
MW21-07	12/3/2007	SO-17322-120307-CB-091	PAOC 3	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW21-07	12/3/2007	SO-17322-120307-CB-092	PAOC 3	8 - 10	Y	N	-	-	-
MW21-07	12/3/2007	SO-17322-120307-CB-093	PAOC 3	10.5 - 12.5	Y	N	-	Neg.	10.5 - 12.5
BH22-07	12/7/2007	SO-17322-120707-CB-131	PAOC 7	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH22-07	12/7/2007	SO-17322-120707-CB-132	PAOC 7	8 - 10	Y	N	-	-	-
BH22-07	12/7/2007	SO-17322-120707-CB-133	PAOC 7	12.25 - 14.25	Y	N	-	Neg.	12.25 - 14.25
BH23-07 [3]	10/17/2007	SO-17322-101707-CB-072	PAOC 21	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH23-07 [3]	10/17/2007	SO-17322-101707-CB-075	PAOC 21	8 - 10	Y	N	-	-	-
BH23-07 [3]	10/17/2007	SO-17322-101707-CB-076	PAOC 21	10.75 - 12.75	Y	N	-	Neg.	10.75 - 12.75
BH26-07	12/3/2007	SO-17322-120307-CB-105	PAOC 15	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH26-07 (dup)	12/3/2007	SO-17322-120307-CB-106	PAOC 15	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH26-07	12/3/2007	SO-17322-120307-CB-107	PAOC 15	8 - 10	Y	N	-	Neg.	8 - 10
MW27-07	12/7/2007	SO-17322-120707-CB-134	PAOC 17	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	3 - 5
MW27-07	12/7/2007	SO-17322-120707-CB-135	PAOC 17	8 - 10	Y	N	-	-	-
MW27-07	12/7/2007	SO-17322-120707-CB-136	PAOC 17	3 - 5	Y	N	-	-	-
MW28-07	10/17/2007	SO-17322-101707-CB-077	PAOC 21	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW28-07	10/17/2007	SO-17322-101707-CB-078	PAOC 21	8 - 10	Y	Y	Manganese	-	-
MW28-07	10/17/2007	SO-17322-101707-CB-079	PAOC 21	12.75 - 14.75	Y	Y	Manganese	Neg.	12.75 - 14.75
BH29-07	10/17/2007	SO-17322-101707-CB-080	PAOC 3	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH29-07	10/17/2007	SO-17322-101707-CB-081	PAOC 3	8 - 10	Y	N	-	Neg.	8 - 10
BH30-07	10/17/2007	SO-17322-101707-CB-082	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW32-07	12/7/2007	SO-17322-120707-CB-137	PAOC 2	0 - 2	Y	N	-	-	-
MW32-07	12/7/2007	SO-17322-120707-CB-138	PAOC 2	8 - 10	Y	N	-	Neg.	8 - 10
MW32-07 [2]	12/7/2007	SO-17322-120707-CB-139	PAOC 2	15 - 17	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Pos.	15 - 17
MW33-07	12/3/2007	SO-17322-120307-CB-094	PAOC 5	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW33-07	12/3/2007	SO-17322-120307-CB-095	PAOC 5	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW33-07	12/3/2007	SO-17322-120307-CB-096	PAOC 5	16 - 18	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Pos.	16 - 18
MW34-07	12/4/2007	SO-17322-120407-CB-108	PAOC 5	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW34-07	12/4/2007	SO-17322-120407-CB-109	PAOC 5	8 - 10	Y	N	-	-	-
MW34-07	12/4/2007	SO-17322-120407-CB-110	PAOC 5	12.5 - 14.5	Y	N	-	Neg.	12.5 - 14.5
MW35-07 [3]	12/3/2007	SO-17322-120307-CB-100	PAOC 10	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-

TABLE 2.1

SOIL BORING SAMPLE SUMMARY
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location [1]	*Date Installed*	*Sample Identification*	*PAOC*	*Depth (ft bgs)*	*Hold (Y/N)?*	*Off Hold (Y/N)?*	*Analysis*	*Sudan IV Jar Test (pos. or neg.)*	*Jar Test Depth (ft bgs)*
MW35-07 [3]	12/3/2007	SO-17322-120307-CB-101	PAOC 10	8 - 10	Y	N	-	Neg.	8 - 10
BH36-07	12/3/2007	SO-17322-120307-CB-097	PAOC 5	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH36-07	12/3/2007	SO-17322-120307-CB-098	PAOC 5	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH36-07	12/3/2007	SO-17322-120307-CB-099	PAOC 5	13.5 - 15.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	13.5 - 15.5
MW37-07	12/3/2007	SO-17322-120307-CB-102	PAOC 5	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW37-07	12/3/2007	SO-17322-120307-CB-103	PAOC 5	8 - 10	Y	N	-	-	-
MW37-07	12/3/2007	SO-17322-120307-CB-104	PAOC 5	17.5 - 19.5	Y	N	-	Neg.	17.5 - 19.5
MW38-07	12/4/2007	SO-17322-120407-CB-111	PAOC 3	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW38-07	12/4/2007	SO-17322-120407-CB-112	PAOC 3	8 - 10	Y	N	-	-	-
MW38-07	12/4/2007	SO-17322-120407-CB-113	PAOC 3	11 - 13	Y	N	-	Neg.	11 - 13
BH39-07	12/4/2007	SO-17322-120407-CB-114	PAOC 13/PAOC 19	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH39-07	12/4/2007	SO-17322-120407-CB-115	PAOC 13/PAOC 19	8 - 10	Y	N	-	-	-
BH39-07	12/4/2007	SO-17322-120407-CB-116	PAOC 13/PAOC 19	12.5 - 14.5	Y	N	-	Neg.	12.5 - 14.5
MW40-07	12/5/2007	SO-17322-120507-CB-117	PAOC 5	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW40-07	12/5/2007	SO-17322-120507-CB-118	PAOC 5	8 - 10	Y	N	-	-	-
MW40-07	12/5/2007	SO-17322-120507-CB-119	PAOC 5	12.5 - 14.5	Y	N	-	-	-
BH41-07	12/5/2007	SO-17322-120507-CB-120	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH41-07	12/5/2007	SO-17322-120507-CB-121	PAOC 2	8 - 10	Y	N	-	-	-
BH41-07	12/5/2007	SO-17322-120507-CB-122	PAOC 2	12.5 - 14.5	Y	N	-	Neg.	12.5 - 14.5
BH42-07	12/5/2007	SO-17322-120507-CB-123	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH42-07 (dup)	12/5/2007	SO-17322-120507-CB-124	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH42-07	12/5/2007	SO-17322-120507-CB-125	PAOC 2	8 - 10	Y	N	-	Neg.	8 - 10
MW43-07	12/6/2007	SO-17322-120607-CB-126	PAOC 5	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW43-07	12/6/2007	SO-17322-120607-CB-127	PAOC 5	8 - 10	Y	N	-	Neg.	8 - 10
BH44-07	12/6/2007	SO-17322-120607-CB-128	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH44-07	12/6/2007	SO-17322-120607-CB-129	PAOC 2	8 - 10	Y	N	-	-	-
BH44-07	12/6/2007	SO-17322-120607-CB-130	PAOC 2	13 - 15	Y	N	-	Neg.	13 - 15
MW46-07	10/9/2007	SO-17322-100907-CB-012	PAOC 6	0 - 2	Y	N	-	Neg.	7.5 - 10
MW46-07	10/9/2007	SO-17322-100907-CB-013	PAOC 6	9 - 10	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
MW46-07 (dup)	10/9/2007	SO-17322-100907-CB-014	PAOC 6	9 - 10	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
BH47-07	10/9/2007	SO-17322-100907-CB-009	PAOC 6	0 - 2	Y	Y	Arsenic	-	-
BH47-07	10/9/2007	SO-17322-100907-CB-010	PAOC 6	8 - 10	Y	Y	Arsenic	-	-
BH47-07	10/9/2007	SO-17322-100907-CB-011	PAOC 6	17.5 - 20	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	Neg.	17.5 - 20
MW48-07	10/9/2007	SO-17322-100907-CB-007	PAOC 2	5 - 7	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	Neg.	0 - 2
MW48-07	10/9/2007	SO-17322-100907-CB-008	PAOC 2	13.5 - 15.5	Y	N	-	-	-
BH49-07	10/9/2007	SO-17322-100907-CB-004	PAOC 3	0 - 2	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
BH49-07	10/9/2007	SO-17322-100907-CB-005	PAOC 3	8 - 10	Y	N	-	-	-
BH49-07	10/9/2007	SO-17322-100907-CB-006	PAOC 3	33 - 35	Y	N	-	Neg.	33 - 35
BH50-07	10/9/2007	SO-17322-100907-CB-001	PAOC 3	0 - 2	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
BH50-07	10/9/2007	SO-17322-100907-CB-002	PAOC 3	8 - 10	Y	N	-	-	-
BH50-07	10/9/2007	SO-17322-100907-CB-003	PAOC 3	11 - 13	Y	N	-	Neg.	11 - 13
BH61-08	3/10/2008	SO-17322-031008-CB-006	PAOC 2	0 - 2	Y	N	-	-	-
BH61-08	3/10/2008	SO-17322-031008-CB-007	PAOC 2	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
BH62-08	3/10/2008	SO-17322-031008-CB-004	PAOC 2	0 - 2	Y	N	-	-	-
BH62-08	3/10/2008	SO-17322-031008-CB-005	PAOC 2	9 - 11	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	9 - 11

TABLE 2.1

SOIL BORING SAMPLE SUMMARY
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location [1]	*Date Installed*	*Sample Identification*	*PAOC*	*Depth (ft bgs)*	*Hold (Y/N)?*	*Off Hold (Y/N)?*	*Analysis*	*Sudan IV Jar Test (pos. or neg.)*	*Jar Test Depth (ft bgs)*
MW63-08	3/10/2008	SO-17322-031008-CB-001	PAOC 2	0 - 2	Y	N	-	-	-
MW63-08	3/10/2008	SO-17322-031008-CB-002	PAOC 2	8 - 10	Y	N	-	-	-
MW63-08	3/10/2008	SO-17322-031008-CB-003	PAOC 2	10 - 12	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10 - 12
MW64-08	3/10/2008	SO-17322-031008-CB-010	PAOC 2	0 - 2	Y	N	-	-	-
MW64-08	3/10/2008	SO-17322-031008-CB-011	PAOC 2	8 - 10	Y	N	-	-	-
MW64-08	3/10/2008	SO-17322-031008-CB-012	PAOC 2	10 - 11.75	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10 - 11.75
BH65-08	3/11/2008	SO-17322-031108-CB-013	PAOC 2	0 - 2	Y	N	-	-	-
BH65-08	3/11/2008	SO-17322-031108-CB-014	PAOC 2	8 - 10	Y	N	-	-	-
BH65-08	3/11/2008	SO-17322-031108-CB-015	PAOC 2	10 - 12	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10 - 12
BH67-08	3/10/2008	SO-17322-031008-CB-008	PAOC 2	0.35 - 1.5	Y	N	-	-	-
BH67-08	3/10/2008	SO-17322-031008-CB-009	PAOC 2	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
MW68-08	3/12/2008	SO-17322-031208-CB-038	PAOC 2	0 - 2	Y	N	-	-	-
MW68-08	3/12/2008	SO-17322-031208-CB-039	PAOC 2	8 - 10	Y	N	-	-	-
MW68-08	3/12/2008	SO-17322-031208-CB-040	PAOC 2	10 - 12	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10 - 12
MW69-08	3/12/2008	SO-17322-031208-CB-041	PAOC 2	0 - 2	Y	N	-	-	-
MW69-08	3/12/2008	SO-17322-031208-CB-042	PAOC 2	8 - 10	Y	N	-	-	-
MW69-08	3/12/2008	SO-17322-031208-CB-043	PAOC 2	12 - 14	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW69-08	3/12/2008	SO-17322-031208-CB-044	PAOC 2	18 - 20	Y	Y	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Pos.	18 - 20
TMW70-08	3/5/2008	SO-17322-030508-MC-BH-7008	PAOC 2	4 - 6	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
TMW71-08	3/6/2008	SO-17322-030608-MC-BH-7108	PAOC 13/PAOC 19	4 - 6	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH72-08	3/13/2008	SO-17322-031308-CB-051	PAOC 22	0 - 2	Y	Y	PCBs	-	-
BH72-08	3/13/2008	SO-17322-031308-CB-052	PAOC 22	8 - 10	Y	Y	PCBs	-	-
BH72-08	3/13/2008	SO-17322-031308-CB-053	PAOC 22	12 - 14	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Pos.	12 - 14
BH73-08	3/14/2008	SO-17322-031408-CB-066	PAOC 22	0 - 2	Y	N	-	-	-
BH73-08	3/14/2008	SO-17322-031408-CB-067	PAOC 22	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH73-08	3/14/2008	SO-17322-031408-CB-068	PAOC 22	11 - 13	Y	N	-	Neg.	11 - 13
MW74-08	3/14/2008	SO-17322-031408-CB-063	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW74-08	3/14/2008	SO-17322-031408-CB-065	PAOC 2	8 - 10	Y	Y	VOCs	Neg.	8 - 10
BH75-08	3/12/2008	SO-17322-031208-CB-036	PAOC 6	0 - 2	Y	N	-	Neg.	8 - 10
BH75-08	3/12/2008	SO-17322-031208-CB-037	PAOC 6	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH76-08	3/11/2008	SO-17322-031108-CB-016	PAOC 9	0 - 2	Y	N	-	-	-
BH76-08	3/11/2008	SO-17322-031108-CB-017	PAOC 9	8 - 10	Y	N	-	-	-
BH76-08	3/11/2008	SO-17322-031108-CB-018	PAOC 9	15.5 - 17.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	15.5 - 17.5
BH77-08	3/11/2008	SO-17322-031108-CB-019	PAOC 9	0 - 2	Y	N	-	-	-
BH77-08	3/11/2008	SO-17322-031108-CB-020	PAOC 9	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH77-08 (dup)	3/11/2008	SO-17322-031108-CB-021	PAOC 9	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
MW78-08	3/11/2008	SO-17322-031108-CB-024	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW78-08 (dup)	3/11/2008	SO-17322-031108-CB-025	PAOC 2	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
MW78-08	3/11/2008	SO-17322-031108-CB-026	PAOC 2	8 - 10	Y	N	-	Neg.	8 - 10
BH79-08	3/11/2008	SO-17322-031108-CB-027	PAOC 2	0 - 2	Y	N	-	-	-
BH79-08	3/11/2008	SO-17322-031108-CB-028	PAOC 2	8 - 10	Y	N	-	-	-
BH79-08	3/11/2008	SO-17322-031108-CB-029	PAOC 2	12 - 14	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Pos.	12 - 14
TMW80-08	3/5/2008	SO-17322-030508-MC-BH-8008	PAOC 6	4 - 6	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
TMW81-08	3/5/2008	SO-17322-030508-MC-BH-8108	PAOC 2	4 - 6	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH82-08	3/12/2008	SO-17322-031208-CB-033	PAOC 2	0 - 2	Y	N	-	-	-

TABLE 2.1

SOIL BORING SAMPLE SUMMARY
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location [1]	*Date Installed*	*Sample Identification*	*PAOC*	*Depth (ft bgs)*	*Hold (Y/N)?*	*Off Hold (Y/N)?*	*Analysis*	*Sudan IV Jar Test (pos. or neg.)*	*Jar Test Depth (ft bgs)*
BH82-08	3/12/2008	SO-17322-031208-CB-034	PAOC 2	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH82-08 (dup)	3/12/2008	SO-17322-031208-CB-035	PAOC 2	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
BH83-08	3/12/2008	SO-17322-031208-CB-030	PAOC 2	0 - 2	Y	N	-	-	-
BH83-08	3/12/2008	SO-17322-031208-CB-031	PAOC 2	8 - 10	Y	N	-	-	-
BH83-08	3/12/2008	SO-17322-031208-CB-032	PAOC 2	10 - 12	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10 - 12
BH84-08	3/12/2008	SO-17322-031208-CB-045	PAOC 6	0 - 2	Y	N	-	-	-
BH84-08	3/12/2008	SO-17322-031208-CB-046	PAOC 6	8 - 10	Y	N	-	-	-
BH84-08	3/12/2008	SO-17322-031208-CB-047	PAOC 6	10 - 11.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH84-08 (dup)	3/12/2008	SO-17322-031208-CB-048	PAOC 6	10 - 11.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10 - 11.5
BH85-08	3/13/2008	SO-17322-031308-CB-054	PAOC 6	0 - 2	Y	N	-	-	-
BH85-08	3/13/2008	SO-17322-031308-CB-055	PAOC 6	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
BH86-08	3/12/2008	SO-17322-031208-CB-049	PAOC 6	0 - 2	Y	N	-	-	-
BH86-08	3/12/2008	SO-17322-031208-CB-050	PAOC 6	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
TMW87-08	3/6/2008	SO-17322-030608-MC-BH-8708	PAOC 2	7 - 9	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	-	-
BH88-08	3/11/2008	SO-17322-031108-CB-022	PAOC 8	0 - 2	Y	N	-	-	-
BH88-08	3/11/2008	SO-17322-031108-CB-023	PAOC 8	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
BH89-08	3/13/2008	SO-17322-031308-CB-059	PAOC 5	10.5 - 12.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	10.5 - 12.5
BH90-08	3/13/2008	SO-17322-031308-CB-060	PAOC 5	7 - 9	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	7 - 9
BH91-08	3/13/2008	SO-17322-031308-CB-061	PAOC 10	6 - 8	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	6 - 8
BH94-08 [4]	3/13/2008	-	PAOC 5	-	-	-	-	Neg.	-
BH95-08 [4]	3/13/2008	-	PAOC 5	-	-	-	-	Neg.	-
BH96-08	3/14/2008	SO-17322-031408-CB-069	PAOC 5	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10

Notes:

[1]	Soil borings BH31-07, BH45-07, BH66-08, and BH93-08 were not completed due to refusal or demolition activities.
[2]	Sample was collected from under the water table and analyzed at the request of ENCORE.
[3]	Shelby tube sample collected adjacent to soil boring.
[4]	Samples not submitted for laboratory analysis due to negative jar test result.
-	No sample collected due to poor recovery, refusal, or investigation of fill.
BH	Soil boring.
MW	Monitoring well.
TMW	Temporary monitoring well.
dup	Field duplicate sample.
ft bgs	Feet below ground surface.
Metals	Target Analyte List Metals.
PAOC	Potential Area of Concern.
PCBs	Polychlorinated Biphenyls.
SVOCs	Target Compound List Semi-Volatile Organic Compounds.
VOCs	Target Compound List Volatile Organic Compounds.
Cr	Chromium.
pos.	Positive jar test result.
neg.	Negative jar test result.

TABLE 2.2

MONITORING WELL CONSTRUCTION DETAILS
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Well ID	Date Installed	Installed By	Ground Surface Elevation (ft AMSL)	Top of Riser Elevation (ft AMSL)	Total Depth of Soil Boring (ft bgs)	Screened Interval Top (ft bgs)	Screened Interval Bottom (ft bgs)	Screened Interval Top (ft AMSL)	Screened Interval Bottom (ft AMSL)
MW15-07	10/16/2007	C. Bondy	960.77	960.42	30	9	14	951.77	946.77
MW17-07	10/16/2007	C. Bondy	952.61	952.18	15	3	10	949.61	942.61
MW19-07	10/17/2007	C. Bondy	959.94	959.68	30	8	13	951.94	946.94
MW21-07	12/4/2007	C. Bondy	952.35	952.14	25	10.5	20.5	941.85	931.85
MW27-07	12/7/2007	C. Bondy	946.92	946.51	25	3	13	943.92	933.92
MW28-07	10/18/2007	C. Bondy	960.13	960.02	60	10	20	950.13	940.13
MW32-07	12/7/2007	C. Bondy	953.64	953.40	25	9	19	944.64	934.64
MW33-07	12/4/2007	C. Bondy	946.96	946.51	25	10.5	20.5	936.46	926.46
MW34-07	12/4/2007	C. Bondy	951.24	950.88	20	11	16	940.24	935.24
MW35-07	12/4/2007	C. Bondy	946.57	946.43	20	6	11	940.57	935.57
MW37-07	12/4/2007	C. Bondy	947.16	946.85	30	12.5	25.5	934.66	921.66
MW38-07	12/4/2007	C. Bondy	949.46	949.21	20	9.5	14.5	939.96	934.96
MW40-07	12/6/2007	C. Bondy	948.73	948.42	20	11	16	937.73	932.73
MW43-07	12/6/2007	C. Bondy	950.05	949.74	20	7	15	943.05	935.05
MW46-07 (1)	10/9/2007	C. Bondy	--	--	15.5	5	15	--	--
MW48-07	10/9/2007	C. Bondy	960.99	960.69	20	5	15	955.99	945.99
MW63-08	3/10/2008	C. Bondy	947.78	947.39	20	9.5	15.5	938.28	932.28
MW64-08	3/10/2008	C. Bondy	947.78	947.52	30	9.5	14.5	938.28	933.28
MW68-08	3/12/2008	C. Bondy	956.94	956.58	25	9	19	947.94	937.94
MW69-08	3/13/2008	C. Bondy	956.91	956.49	25	10	20	946.91	936.91
TMW70-08	3/5/2008	M. Coram	945.52	947.55	15	3	8	942.52	937.52
TMW71-08	3/6/2008	M. Coram	947.00	949.06	15	3	8	944.00	939.00
MW74-08	3/14/2008	C. Bondy	956.96	956.76	20	8	16	948.96	940.96
MW78-08	3/11/2008	C. Bondy	964.11	964.00	20	8	13	956.11	951.11
TMW80-08	3/5/2008	M. Coram	954.17	955.31	15	4	9	950.17	945.17
TMW81-08	3/5/2008	M. Coram	954.18	957.17	15	2	7	952.18	947.18
TMW87-08	3/6/2008	M. Coram	949.66	951.96	15	6	11	943.66	938.66

Notes:

(1) Monitoring well MW46-07 could not be located for surveying due to demolition debris over the well.
ft AMSL - Feet Above Mean Sea Level.
ft bgs - Feet below ground surface.
MW = Monitoring well.
TMW - Temporary monitoring well.

TABLE 2.3

GROUNDWATER AND LNAPL SAMPLE SUMMARY
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location	*Sample Identification*	*PAOC*	*Date Collected*	*Analysis*
MW15-07	GW-17322-112707-CB-005	PAOC 11/PAOC 14	11/27/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW15-07 (dup)	GW-17322-112707-CB-006	PAOC 11/PAOC 14	11/27/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW17-07	GW-17322-112707-CB-001	PAOC 3	11/27/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW19-07	GW-17322-112707-CB-003	PAOC 1	11/27/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW21-07	-	PAOC 3	Dry	-
MW27-07	-	PAOC 17	Dry	-
MW28-07	-	PAOC 21	Dry	-
MW32-07	GW-17322-010908-CB-016	PAOC 2	1/9/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW33-07	GW-17322-010808-CB-011	PAOC 5	1/8/2008	VOCs, PCBs
MW33-07	GW-17322-010908-CB-011	PAOC 5	1/9/2008	SVOCs, Metals, Amenable Cyanide, Cr(VI), Cr(III)
MW34-07	GW-17322-010808-CB-013	PAOC 5	1/8/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW35-07	GW-17322-010808-CB-012	PAOC 10	1/8/2008	VOCs, SVOCs, PCBs
MW35-07	GW-17322-010908-CB-012	PAOC 10	1/9/2008	SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW37-07	GW-17322-010808-CB-010	PAOC 5	1/8/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW38-07	GW-17322-010908-CB-017	PAOC 3	1/9/2008	VOCs, Metals
MW40-07	GW-17322-010808-CB-014	PAOC 5	1/8/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW40-07 (dup)	GW-17322-010808-CB-015	PAOC 5	1/8/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW43-07	-	PAOC 5	Dry	-
MW46-07	-	PAOC 6	Covered	-
MW48-07	GW-17322-040808-CB-006	PAOC 2	4/8/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW48-07 (dup)	GW-17322-040808-CB-007	PAOC 2	4/8/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW63-08	GW-17322-040708-CB-002	PAOC 2	4/7/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW64-08	GW-17322-040708-CB-001	PAOC 2	4/7/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW68-08	GW-17322-040708-CB-005	PAOC 2	4/7/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW69-08	LNAPL-17322-040308-CB-001	PAOC 2	4/3/2008	VOCs, Reactive Sulfide, SVOCs, Metals, PCBs, Amenable Cyanide, Ignitibility, Corrosivity, Specific Gravity, Dynamic Viscosity
TMW70-08	-	PAOC 2	Dry	-
TMW71-08	WG-17322-031008-MC-002	PAOC 13/PAOC 19	3/10/2008	VOCs
MW74-08	GW-17322-040708-CB-004	PAOC 2	4/7/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW78-08	GW-17322-040708-CB-003	PAOC 2	4/7/2008	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
TMW80-08	-	PAOC 2	Dry	-
TMW81-08	WG-17322-031008-MC-001	PAOC 2	3/10/2008	VOCs
TMW87-08	-	PAOC 2	Dry	-

Notes:

Cr(VI)/Cr(III)	Speciated Chromium.
LNAPL	Light Non-Aqueous Phase Liquid.
Metals	Target Analyte List Metals.
MW	Monitoring Well.
TMW	Temporary Monitoring Well.
PAOC	Potential Area of Concern.
PCBs	Polychlorinated Biphenyls.
SVOCs	Target Compound List Semivolatile Organic Compounds.
VOCs	Target Compound List Volatile Organic Compounds.

TABLE 2.4

SUMMARY OF GROUNDWATER ELEVATION MONITORING
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Monitoring Well ID:	*MW15-07*	*MW17-07*	*MW19-07*	*MW21-07*	*MW27-07*	*MW28-07*	*MW32-07*	*MW33-07*	*MW34-07*	*MW35-07*	*MW37-07*	*MW38-07*
Ground Elevation (ft AMSL)	***960.77***	***952.61***	***959.94***	***952.35***	***946.92***	***960.13***	***953.64***	***946.96***	***951.24***	***946.57***	***947.16***	***949.46***
Top of Casing Elevation (ft AMSL)	***960.42***	***952.18***	***959.68***	***952.14***	***946.51***	***960.02***	***953.40***	***946.51***	***950.88***	***946.43***	***946.85***	***949.21***
December 15, 2008												
Depth to Water (ft BTOC)	-- (1)	5.46	10.48	16.66	4.71	DRY	-- (2)	16.98	2.7	5.54	17.48	3.66
Groundwater Elevation (ft AMSL)	--	946.72	949.20	935.48	941.80	--	--	929.53	948.18	940.89	929.37	945.55
Depth to Water (ft BGS)	--	5.89	10.75	16.87	5.12	--	--	17.43	3.05	5.69	17.78	3.91
December 20, 2007												
Depth to Water (ft BTOC)	10.93	8.17	10.40	18.12	DRY	-- (3)	10.81	17.6	7.61	6.25	18.17	10.32
Groundwater Elevation (ft AMSL)	949.49	941.78	941.56	934.02	--	--	942.59	928.91	943.27	940.18	928.68	938.89
Depth to Water (ft BGS)	11.28	10.83	18.39	18.33	--	--	11.05	18.05	7.96	6.40	18.47	10.57

Notes:

(1) Monitoring well MW15-07 was covered by a roll-off box during the December 15, 2008 event.
(2) Monitoring wells MW32-07, MW43-07, and MW64-08 not found during December 15, 2008 event due to snow and ice on-Site.
(3) Monitoring wells MW28-07and MW48-07 not found during December 20, 2007 event due to debris piles covering wells.
Monitoring well MW46-07 could not be located for surveying or monitoring.
ft AMSL: feet Above Mean Sea Level.
ft BTOC: feet Below Top Of Casing.
ft BGS: feet Below Ground Surface.

TABLE 2.4

SUMMARY OF GROUNDWATER ELEVATION MONITORING
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Monitoring Well ID:	*MW40-07*	*MW43-07*	*MW48-07*	*MW63-08*	*MW64-08*	*MW68-08*	*MW69-08*	*MW74-08*	*MW78-08*
Ground Elevation (ft AMSL)	*948.73*	*950.05*	*960.99*	*947.78*	*947.78*	*956.94*	*956.91*	*956.96*	*956.96*
Top of Casing Elevation (ft AMSL)	*948.42*	*949.74*	*960.69*	*947.39*	*947.52*	*956.58*	*956.49*	*956.76*	*964.00*
December 15, 2008									
Depth to Water (ft BTOC)	7.29	-- [2]	3.37	7.16	-- [2]	11.91	12.46	11.21	9.57
Groundwater Elevation (ft AMSL)	941.13	--	957.32	940.23	--	944.67	944.03	945.55	954.43
Depth to Water (ft BGS)	7.61	--	3.67	7.55	--	12.27	12.88	11.41	2.53
December 20, 2007									
Depth to Water (ft BTOC)	8.81	DRY	-- [3]						
Groundwater Elevation (ft AMSL)	939.61	--	--						
Depth to Water (ft BGS)	9.13	--	--						

Notes:

(1) Monitoring well MW15-07 was covered by a roll-off box during the December 15, 2008 event.
(2) Monitoring wells MW32-07, MW43-07, and MW64-08 not found during December 15, 2008 event due to snow and ice on-Site.
(3) Monitoring wells MW28-07and MW48-07 not found during December 20, 2007 event due to debris piles covering wells.
Monitoring well MW46-07 could not be located for surveying or monitoring.
ft AMSL: feet Above Mean Sea Level.
ft BTOC: feet Below Top Of Casing.
ft BGS: feet Below Ground Surface.

TABLE 2.5

SUMMARY OF LNAPL MONITORING AT MW69-08
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Date of Monitoring [1]	*Initial Depth to LNAPL (ft BTOR)*	*Initial Depth to Water (ft BTOR)*	*Initial LNAPL Thickness (ft)*	*Volume LNAPL Removed* [2] *(gal)*	*Final Depth to LNAPL (ft BTOR)*	*Final Depth to Water (ft BTOR)*	*Final LNAPL Thickness (ft)*
January 28, 2009	11.04	11.94	0.90	0.50	11.86	11.96	0.10
December 15, 2008	11.21	12.46	1.25	0.50	12.30	12.55	0.25
December 12, 2008	10.92	13.58	2.66	1.50	12.81	13.02	0.21
July 3, 2008	9.43	16.39	6.96	2.75	12.73	12.98	0.25
April 3, 2008	12.10	16.44	4.34	2.50	14.50	14.80	0.30

Notes:
LNAPL: Light Non-Aqueous Phase Liquid.
ft: Feet.
BTOR: Below Top of Riser.
Gal: Gallons.
N/A: Not Available.
(1) : LNAPL was detected in monitoring well MW69-08 in March 2008.
(2) : Volume removed is approximate. LNAPL removed with a bailer and stored on-Site in a grounded drum with an overpack.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-14-07*	*MW-15-07*	*MW-17-07*	*BH-18-07*	*MW-19-07*	*MW-21-07*	*BH-22-07*	*BH-23-07*	*BH-26-07*	*BH-26-07*	*MW-27-07*	*MW-28-07*
Sample Depth (ft BGS):		*(0-2)*	*(0-2)*	*(0.5-2.5)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Sample ID:		*SO-17322-101607-CB-051*	*SO-17322-101607-CB-053*	*SO-17322-101607-CB-061*	*SO-17322-101607-CB-064*	*SO-17322-101707-CB-067*	*SO-17322-120307-CB-091*	*SO-17322-120707-CB-131*	*SO-17322-101707-CB-072*	*SO-17322-120307-CB-105*	*SO-17322-120307-CB-106*	*SO-17322-120707-CB-134*	*SO-17322-101707-CB-077*
Sample Date:		*10/16/2007*	*10/16/2007*	*10/16/2007*	*10/16/2007*	*10/17/2007*	*12/03/2007*	*12/07/2007*	*10/17/2007*	*12/03/2007*	*12/03/2007*	*12/07/2007*	*10/17/2007*
Sample Type:											*Duplicate*		
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
1,1-Dichloroethane	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
1,1-Dichloroethene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
1,2,4-Trimethylbenzene	ug/kg	3.7 U	4.6 U	1.0 J	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
1,2-Dichlorobenzene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
1,3,5-Trimethylbenzene	ug/kg	3.7 U	4.6 U	0.87 J	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
1,3-Dichlorobenzene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
1,4-Dichlorobenzene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	15	18 U	6.3 J	2.7 J	1.3 J	17 U	2.6 J	16 U	17 U	18 U	20 U	15 U
2-Hexanone	ug/kg	15 U	18 U	15 U	15 U	15 U	17 U	16 U	16 UJ	17 U	18 U	20 U	15 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	15 U	18 U	15 U	15 U	15 U	17 U	16 U	16 U	17 U	18 U	20 U	15 U
Acetone	ug/kg	60	18 U	35	25	5.8 J	17 U	12 J	16 UJ	17 U	18 U	20 U	15 UJ
Benzene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Carbon disulfide	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Chloroethane	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 UJ	4.5 U	5.0 U	3.8 U
Chloroform (Trichloromethane)	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
cis-1,2-Dichloroethene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Cyclohexane	ug/kg	7.4 U	9.2 U	7.7 U	7.3 U	7.5 U	8.5 U	7.9 U	8.0 U	8.7 U	9.0 U	10 U	0.26 J
Ethylbenzene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
Isopropylbenzene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
Methyl acetate	ug/kg	7.4 U	9.2 U	7.7 U	7.3 U	7.5 U	r	r	8.0 U	r	r	r	7.7 U
Methyl cyclohexane	ug/kg	7.4 U	9.2 U	7.7 U	7.3 U	7.5 U	8.5 U	7.9 U	8.0 U	8.7 U	9.0 U	10 U	7.7 U
Methyl Tert Butyl Ether	ug/kg	15 U	18 U	15 U	15 U	15 U	17 U	16 U	16 U	17 U	18 U	20 U	15 U
Methylene chloride	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Tetrachloroethene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	1.1 J	3.8 U
Toluene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 UJ	4.4 U	4.5 U	5.0 U	3.8 U
trans-1,2-Dichloroethene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Trichloroethene	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Trichlorofluoromethane (CFC-11)	ug/kg	3.7 UJ	4.6 UJ	3.8 UJ	3.6 UJ	3.8 U	4.2 U	4.0 UJ	4.0 UJ	4.4 U	4.5 U	5.0 UJ	3.8 U
Vinyl chloride	ug/kg	3.7 U	4.6 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0 U	4.0 U	4.4 U	4.5 U	5.0 U	3.8 U
Xylene (total)	ug/kg	7.4 U	9.2 U	7.7 U	7.3 U	7.5 U	8.5 U	7.9 U	8.0 UJ	8.7 U	9.0 U	10 U	7.7 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	230 U	230 U	1100 U	220 U	210 U	230 U	230 U	220 U	2300 U	220 U	220 U	860 U
2-Methylnaphthalene	ug/kg	7.8 U	7.6 U	42	9.7	31	7.5 U	7.8 U	7.3 U	77 U	7.3 U	14	140
Acenaphthene	ug/kg	7.8 U	7.6 U	37 U	7.9	51	7.5 U	7.8 U	7.3 U	77 U	7.3 U	23	29 U
Acenaphthylene	ug/kg	7.8 U	7.6 U	37 U	7.5 U	26	7.5 U	7.8 U	7.3 U	77 U	7.3 U	7.3 U	29 U
Acetophenone	ug/kg	120 U	110 U	550 U	110 U	110 U	110 U	120 U	110 U	1200 U	110 U	110 U	430 U
Anthracene	ug/kg	7.8 U	7.6 U	37 U	14	140	7.9	7.8 U	21	77 U	13	38	29 U
Benzo(a)anthracene	ug/kg	7.8 U	7.6 U	37 U	20	400	25	7.8 U	73	77 U	56	130	180
Benzo(a)pyrene	ug/kg	7.8 U	7.6 U	37 U	17	360	21	7.8 U	64	77 U	51	110	180
Benzo(b)fluoranthene	ug/kg	8.1	7.6 U	37 U	20	320	32	7.8 U	80	170	73	170	260
Benzo(g,h,i)perylene	ug/kg	7.8 U	7.6 U	37 U	11	190	18	7.8 U	39	77 U	39	69	110
Benzo(k)fluoranthene	ug/kg	7.8 U	7.6 U	37 U	9.7	340	11	7.8 U	35	77 U	29	71	140
Biphenyl	ug/kg	58 U	57 U	270 U	56 U	53 U	57 U	58 U	55 U	580 U	55 U	55 U	220 U
bis(2-Ethylhexyl)phthalate	ug/kg	58 U	57 U	270 U	56 U	53 U	24 J	58 U	55 U	580 U	73	23 J	220 U
Caprolactam	ug/kg	390 U	370 U	1800 U	370 U	350 U	370 U	380 U	360 U	3800 U	360 U	360 U	1400 U
Carbazole	ug/kg	58 U	57 U	270 U	56 U	58	57 U	58 U	55 U	580 U	55 U	55 U	220 U
Chrysene	ug/kg	7.8 U	7.6 U	58	21	400	27	7.8 U	74	77 U	53	150	240
Dibenz(a,h)anthracene	ug/kg	7.8 U	7.6 U	37 U	7.5 U	7.1 U	7.5 U	7.8 U	7.3 U	77 U	7.3 U	7.3 U	29 U
Dibenzofuran	ug/kg	58 U	57 U	270 U	56 U	42 J	57 U	58 U	55 U	580 U	55 U	55 U	220 U
Di-n-butylphthalate	ug/kg	58 U	57 U	270 U	56 U	53 U	57 U	58 U	55 U	580 U	160	55 U	220 U

TABLE 4.2

DETECTED PARAMETERS IN GROUNDWATER
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***MW-15-07***	***MW-15-07***	***MW-17-07***	***MW-19-07***	***MW-32-07***	***MW-33-07***	***MW-33-07***	***MW-34-07***	***MW-35-07***	***MW-35-07***	***MW-37-07***	***MW-38-07***
Sample ID:		***GW-17322-112707-CB-005***	***GW-17322-112707-CB-006***	***GW-17322-112707-CB-001***	***GW-17322-112707-CB-003***	***GW-17322-010908-CB-016***	***GW-17322-010808-CB-011***	***GW-17322-010908-CB-011***	***GW-17322-010808-CB-013***	***GW-17322-010808-CB-012***	***GW-17322-010908-CB-012***	***GW-17322-010808-CB-010***	***GW-17322-010908-CB-017***
Sample Date:		***11/27/2007***	***11/27/2007***	***11/27/2007***	***11/27/2007***	***01/09/2008***	***01/08/2008***	***01/09/2008***	***01/08/2008***	***01/08/2008***	***01/09/2008***	***01/08/2008***	***01/09/2008***
Sample Type:			***Duplicate***										
Parameter:	***Units***												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	0.47 J	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.85 J	--	1.0 U	0.22 J	--	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.29 J	--	1.0 U	1.0 U	--	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	0.22 J	0.21 J	1.0 U	0.29 J	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	25 U	25 U	25 U	25 U	25 U	25 U	--	2.7 J	25 U	--	7.0 J	25 U
2-Hexanone	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	--	50 U	50 U	--	50 U	50 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	50 U	50 U	50 U	50 U	50 UJ	50 UJ	--	50 UJ	50 UJ	--	50 UJ	50 UJ
Acetone	ug/L	25 U	25 U	25 U	25 U	25 U	25 U	--	25 U	25 U	--	25 U	25 U
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	0.22 J	--	1.0 U	1.0 U
Carbon disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	--	0.36 J	5.0 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	--	5.0 U	5.0 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	--	10 U	10 U	--	10 U	10 U
Methyl cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Methyl Tert Butyl Ether	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.23 J	--	5.0 U	5.0 U	--	5.0 U	5.0 U
Methylene chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	--	5.0 U	5.0 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	0.24 J	1.8	--	1.0 U	0.88 J	--	3.1	0.54 J
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	0.22 J	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Vinyl chloride	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U
Xylene (total)	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	--	2.0 U	2.0 U	--	2.0 U	2.0 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/L	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	--	6.2 U	5.0 U	5.0 U	12 U	5.0 U	--
2-Methylnaphthalene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.38	0.20 U	0.20 U	0.50 U	0.20 U	--
Acenaphthene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.20 U	--
Acenaphthylene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.20 U	--
Acetophenone	ug/L	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	--	0.55 J	1.0 U	1.0 U	2.5 U	1.0 U	--
Anthracene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.20 U	--
Benzo(a)anthracene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.73	--
Benzo(a)pyrene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.64	--
Benzo(b)fluoranthene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	1.2	--
Benzo(g,h,i)perylene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.57	--
Benzo(k)fluoranthene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.38	--
Biphenyl	ug/L	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	--	1.2 U	1.0 U	1.0 U	2.5 U	1.0 U	--
bis(2-Ethylhexyl)phthalate	ug/L	1.0 U	1.2 U	1.0 U	1.0 U	0.93 J	--	2.1	1.0 U	6.9	1.4 J	1.5	--
Caprolactam	ug/L	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	--	6.2 U	5.0 U	5.0 U	12 U	5.0 U	--
Carbazole	ug/L	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	--	1.2 U	1.0 U	1.0 U	2.5 U	1.0 U	--
Chrysene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.94	--
Dibenz(a,h)anthracene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.20 U	--
Dibenzofuran	ug/L	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	--	1.2 U	1.0 U	1.0 U	2.5 U	1.0 U	--
Di-n-butylphthalate	ug/L	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	--	1.2 U	1.0 U	1.0 U	2.5 U	1.0 U	--
Fluoranthene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.23	0.50 U	2.5	--

TABLE 4.2

DETECTED PARAMETERS IN GROUNDWATER
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***MW-15-07***	***MW-15-07***	***MW-17-07***	***MW-19-07***	***MW-32-07***	***MW-33-07***	***MW-33-07***	***MW-34-07***	***MW-35-07***	***MW-35-07***	***MW-37-07***	***MW-38-07***
Sample ID:		***GW-17322-112707-CB-005***	***GW-17322-112707-CB-006***	***GW-17322-112707-CB-001***	***GW-17322-112707-CB-003***	***GW-17322-010908-CB-016***	***GW-17322-010808-CB-011***	***GW-17322-010908-CB-011***	***GW-17322-010808-CB-013***	***GW-17322-010808-CB-012***	***GW-17322-010908-CB-012***	***GW-17322-010808-CB-010***	***GW-17322-010908-CB-017***
Sample Date:		***11/27/2007***	***11/27/2007***	***11/27/2007***	***11/27/2007***	***01/09/2008***	***01/08/2008***	***01/09/2008***	***01/08/2008***	***01/08/2008***	***01/09/2008***	***01/08/2008***	***01/09/2008***
Sample Type:			***Duplicate***										
Parameter:	***Units***												
Fluorene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.20 U	--
Indeno(1,2,3-cd)pyrene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	0.49	--
Naphthalene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.92	0.20 U	0.20 U	0.50 U	0.20 U	--
Phenanthrene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.22	0.50 U	0.87	--
Pyrene	ug/L	0.20 U	0.24 U	0.20 U	0.20 U	0.20 U	--	0.25 U	0.20 U	0.20 U	0.50 U	1.7	--
Metals													
Aluminum	ug/L	9.8 J	50.0 U	191	463	325	--	929	366	--	927	48.7 J	148
Antimony	ug/L	2.0 U	2.0 U	1.3 J	2.0 U	1.7 J	--	1.9 J	2.0 U	--	0.80 J	1.0 J	0.14 J
Arsenic	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	--	49.3	9.2	5.0 U
Barium	ug/L	310	296	21.2 J	12.0 J	8.1 J	--	448	95.0 J	--	46.0 J	150	119
Beryllium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U
Cadmium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U
Calcium	ug/L	334000	321000	47400	29400	22500	--	221000	120000	--	107000	154000	148000
Chromium III (Trivalent)	mg/L	0.0050 UJ	0.0050 UJ	0.0050 UJ	0.0050 UJ	0.0076 J	--	0.0099 J	0.0050 UJ	--	0.0050 UJ	0.0050 UJ	--
Chromium Total	ug/L	5.0 U	5.0 U	9.2	5.0 U	7.6	--	41.4	5.0 U	--	7.5	5.0 U	5.0 U
Chromium VI (Hexavalent)	mg/L	0.01 UJ	0.01 UJ	0.01 J	0.01 UJ	0.01 UJ	--	0.03 J	0.01 UJ	--	0.008 J	0.01 UJ	--
Cobalt	ug/L	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	--	7.0 U	7.0 U	--	7.0 U	7.0 U	7.0 U
Copper	ug/L	2.0 U	2.0 U	6.3	2.5 U	2.4 U	--	7.5	2.4 U	--	7.2	2.3 U	3.9
Iron	ug/L	100 U	100 U	415 J	829 J	783	--	102	575	--	767	100 U	346
Lead	ug/L	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	--	3.0 U	3.0 U	--	3.0 U	3.0 U	3.0 U
Magnesium	ug/L	59300	57100	6860	4700	3590	--	1000 U	28700	--	1000 U	39800	80500
Manganese	ug/L	121	114	15.1	14.5 J	10.8 J	--	2.5 J	233	--	11.1 J	57.0	254
Mercury	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.20 U	0.20 U	--	0.20 U	0.20 U	0.20 U
Nickel	ug/L	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	--	20.0 U	20.0 U	--	3.3 J	5.5 J	9.4 J
Potassium	ug/L	6320 J	6020 J	7770 J	2370 J	2460	--	20900	3740	--	18200	14100	4940
Selenium	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	--	5.0 U	5.0 U	5.0 U
Silver	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.20 U	0.20 U	--	0.20 U	0.20 U	0.20 U
Sodium	ug/L	2060000	2030000	54900	284000	66800	--	277000	227000	--	1290000	367000	84200
Thallium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--	1.0 U	1.0 U	1.0 U
Vanadium	ug/L	4.0 U	4.0 U	3.3 J	3.2	3.3 J	--	7.2	2.4 J	--	48.8	1.8 J	4.0 U
Zinc	ug/L	20.0 U	20.0 U	20.0 U	10.5 J	20.0 U	--	20.0 U	20.0 U	--	20.0 U	20.0 U	21.5
Polychlorinated Biphenyls													
Aroclor-1248 (PCB-1248)	ug/L	0.10 U	0.10 U	0.086 J	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	0.10 U	--
Aroclor-1254 (PCB-1254)	ug/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	0.10 U	--
Aroclor-1260 (PCB-1260)	ug/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	0.10 U	--
Total PCBs	ug/L	0.10 U	0.10 U	0.105	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	0.10 U	0.10 U	--
General Chemistry													
Cyanide (amenable)	mg/L	0.0071	0.0050 U	0.0050 U	0.0050 U	0.0050 U	--	0.0050 U	0.0050 U	--	0.0050 U	0.0050 U	--

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
MW	Monitoring well (samples taken from soil boring prior to well installation).
mg/L	Milligrams per liter.
ug/L	Micrograms per liter.

APPENDIX A

STRATIGRAPHIC LOGS AND WELL COMPLETION DETAILS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH14-07
DATE COMPLETED: October 16, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -051				0.0
2	CL-SANDY CLAYS, fine grained, poorly graded, low plasticity, firm, dark brown to black, moist			1DP		20		
4								0.0
6	- soft, moist to very moist at 5.5ft BGS - firm, brown and gray, moist at 6.0ft BGS		2" BOREHOLE					0.0
8	- decrease in sands, trace fin gravels, stiff at 7.0ft BGS - very stiff, mottled at 7.5ft BGS			2DP		100		
10				8-10' -052				0.0
12				3DP		85		0.0
14	- soft, very moist at 13.5ft BGS - stiff, moist at 14.0ft BGS							0.0
16	END OF BOREHOLE @ 15.0ft BGS NOTE: 5' TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	15.00						
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

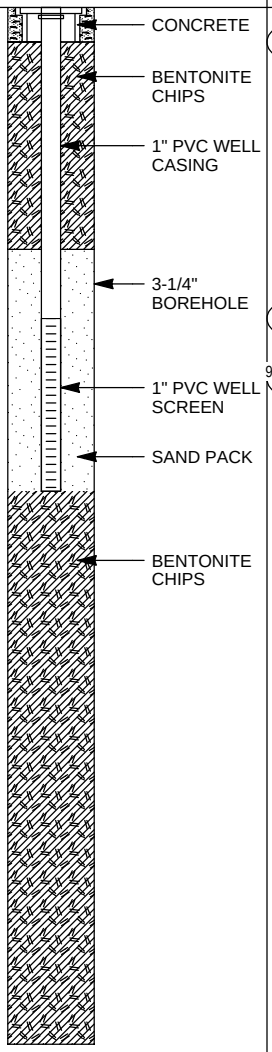
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW15-07
DATE COMPLETED: October 16, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CONCRETE	0.50
2	CL-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, low plasticity, stiff, brown, moist - firm at 1.5ft BGS - stiff, mottled at 2.5ft BGS - trace fine gravels at 3.0ft BGS	
4		
6	- firm, not mottled at 6.0ft BGS - stiff at 6.5ft BGS	
8		
10	- firm at 10.0ft BGS	
12	SP-SANDS, fine grained, with coarse grained, trace fine gravels, poorly graded, compact, brown, saturated	11.75 13.00
14	- medium grained, with fine and coarse grained and fine gravels at 12ft BGS - fine grained at 12.7ft BGS	
16	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, moist to very moist	
18		
20		
22	SP-SANDS, fine grained, with coarse grained, poorly graded, compact, brown, moist	21.00
24	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, moist	24.20 24.50 24.80
26	SP-SANDS, fine grained, with coarse grained, poorly graded, compact, brown, moist	
28	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, firm, brown, moist	
30	END OF BOREHOLE @ 30.0ft BGS	30.00
32	NOTE: 9.75-11.75' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
34		
36		
38		

MONITORING WELL



WELL DETAILS
Screened interval:
9.00 to 14.00ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Seal:
14.00 to 30.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
7.00 to 14.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -053				0.0
1DP		95		0.6
				0.0
2DP		100		
8-10' -054				0.0
9.75-11.75 -055				0.3
3DP		100		0.0
				0.0
4DP		90		0.0
				0.0
				0.0
5DP		70		0.0
				0.0
6DP		100		0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW17-07
DATE COMPLETED: October 16, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50	CONCRETE					
	SW/GW-SANDS AND GRAVELS, fine to medium grained sands, fine to coarse gravels, with coarse sands, moderately graded, loose, brown, moist	1.50	BENTONITE CHIPS	1DP 1.5-3.5 -062		50		0.0
2			1" PVC WELL CASING					
	SP-SANDS, fine to medium grained, with coarse grained and fine gravels, poorly graded, loose, brown, moist	2.90	3-1/4" BOREHOLE					0.0
4	- coarse grained, with fine to medium sands and fine gravels at 2.5ft BGS	5.00	1" PVC WELL SCREEN					
	CL-CLAYS, with sands, fine to medium grained, trace fine to coarse gravels, poorly graded, low plasticity, soft, dark brown to black, very moist, slight petroleum-like odor		SAND PACK					0.0
6								
	NO RECOVERY			2DP		5		0.0
8								
10	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, stiff, brown, moist	10.00		10-12' -063				0.0
				3DP		100		0.0
12								
14								
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16	NOTE: 3-5 ' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
18								
20								
22								
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
3.00 to 10.00ft BGS
Length: 7ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
2.00 to 15.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH17A-07
DATE COMPLETED: October 16, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50	2" BOREHOLE	0.5-2.5 -061				0.0
2	SW/GW-SANDS AND GRAVELS, fine to medium grained sands, fine to coarse gravels, with coarse sands, well graded, loose, gray, moist	1.75 2.25		1DP		40		
4	CH-CLAYS, with coarse gravels, trace fine to medium sands and fine gravels, moderately graded, soft, dark gray to black, very moist, slight petroleum-like odor							0.0
6	SW/GW-SANDS AND GRAVELS, fine to medium grained sands, fine to coarse gravels, with coarse sands, well graded, loose, gray, moist	5.00						--
8	NO RECOVERY			2DP		0		--
10	END OF BOREHOLE @ 10.0ft BGS	10.00						
12	NOTE: 1.75-2.25' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH17B-07
DATE COMPLETED: October 16, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50						
	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, firm to stiff, brown, moist			1DP		15		0.0
2								
4			2" BOREHOLE					0.0
6								0.0
8				2DP		100		0.0
10								0.0
12				3DP		100		0.0
14								
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH18-07
DATE COMPLETED: October 16, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -064				0.0
2	CL-CLAYS, with sands, fine grained, with fine gravels, poorly graded, low plasticity, firm, brown, moist			1DP		65		
	- soft, very moist at 3.0ft BGS							0.0
4	- firm, moist at 3.2ft BGS - with fine to coarse gravels at 4.0ft BGS		2" BOREHOLE					
6								0.0
8				2DP		100		
				8-10' -065				0.0
10								
12	- slight increase in plasticity at 12.0ft BGS			3DP 11.5-13.5 -066		100		0.0
14	SP-SANDS, medium grained, with fine and coarse grained, trace fine gravels, poorly graded, loose, brown, saturated	13.50						0.0
	- fine grained, no gravels, trace silts, compact at 14.0ft BGS	14.90						
16	- no silts, loose to compact at 14.5ft BGS							0.0
18	CL-CLAYS, trace silts, poorly graded, low plasticity, firm, gray, moist			4DP		100		0.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 11.5-13.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

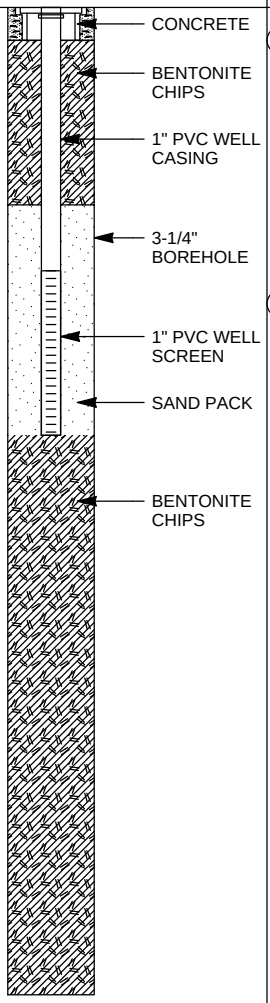
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW19-07
DATE COMPLETED: October 17, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
2	SP-SANDS, fine to medium grained, with fine to coarse gravels, poorly graded, loose, brown, moist	1.50
4	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, stiff, moist - with fine sands and silts, firm at 4.0ft BGS	
6	SP-SANDS, fine grained, trace clays, poorly graded, loose to compact, brown, moist	6.00 7.00
8	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist	7.50 7.80
	SP-SANDS, fine to medium grained, trace fine gravels, poorly graded, loose, brown, moist	8.40 9.00
10	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist	9.50
12	SP-SANDS, fine to medium grained, trace fine gravels, poorly graded, loose, brown, moist	12.00
14	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist	14.50
16	SP-SANDS, fine to medium grained, trace fine gravels, poorly graded, loose, brown, very moist	16.75
	- no gravels, trace coarse sands and silts, saturated at 10.0ft BGS	17.50 18.00
18	CI-CLAYS, trace silts, poorly graded, low plasticity, firm, brown, moist	19.00
20	SP-SANDS, with silts, fine grained, poorly graded, loose to compact, gray, saturated	
22	CI-CLAYS, trace silts, poorly graded, medium plasticity, firm to soft, gray, very moist	22.50
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist	24.00
24	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist	
26	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist - very moist to saturated at 21.0ft BGS	
28	SP-SANDS, fine to medium grained, with coarse grained and fine gravels, poorly graded, loose, brown, moist	28.50
30	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, firm, brown, moist	30.00
32	SP-SANDS, fine grained, poorly graded, loose, gray, moist	
34	END OF BOREHOLE @ 30.0ft BGS	
36	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
38		
40		



WELL DETAILS
Screened interval:
8.00 to 13.00ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Seal:
13.00 to 30.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
6.00 to 13.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -067				0.0
1DP		85		0.0
				0.1
2DP		85		0.1
8-10' -068				0.6
3DP		90		0.1
				2.8
4DP		95		0.0
				0.1
5DP		90		0.3
				0.1
6DP		85		0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW20-07
DATE COMPLETED: October 17, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
	CL-CLAYS, with sands, fine grained, with fine to coarse gravels, poorly graded, firm, black, moist	1.00 / 1.50 / 2.00
	ASPHALT DEBRIS	
	CL-CLAYS, with sands, fine grained, with fine to coarse gravels, poorly graded, soft, black, moist	4.25
	SP-SANDS, fine grained, poorly graded, loose, brown and black, moist	4.50
	- black at 2.5ft BGS	
	ASPHALT DEBRIS	
	CH-CLAYS, trace fine and coarse sands and fine gravels, poorly graded, high plasticity, firm, brown, moist	8.50
	- soft at 8.0ft BGS	
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, brown, very moist to saturated	
	SP-SANDS, with silts, fine grained, poorly graded, loose to compact, brown, saturated	12.50 / 13.00
	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist to very moist	
	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist	19.00 / 20.00
	END OF BOREHOLE @ 20.0ft BGS	
	NOTE: 6.5-8.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	

MONITORING WELL: CONCRETE; BENTONITE CHIPS; 1" PVC WELL CASING; 3-1/4" BOREHOLE; 1" PVC WELL SCREEN; SAND PACK; BENTONITE CHIPS

WELL DETAILS
Screened interval:
7.00 to 14.00ft BGS
Length: 7ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Seal:
14.00 to 20.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
4.50 to 14.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -069 -070 DUP				0.3
1DP		75		0.1
				0.1
2DP 6.5-8.5' -071		85		3.1
				0.3
3DP		95		0.1
				0.1
4DP		90		1.6

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

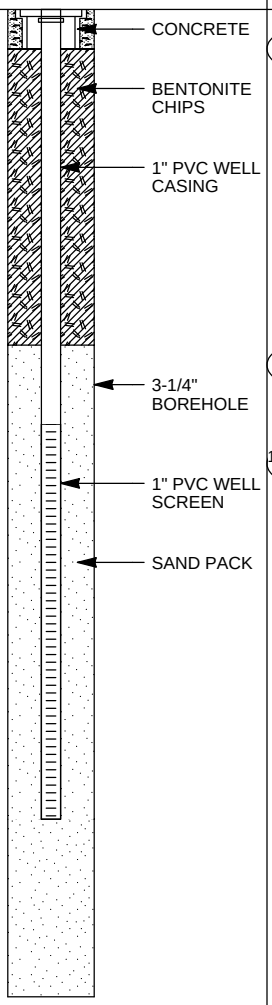
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW21-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.75
2	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, firm, brown, moist	
	- decrease in sands, trace silts, moist to very moist, mottled at 3.0ft BGS	
4		5.00
	CONCRETE DEBRIS	5.50
6	CL-CLAYS, with silts, trace coarse sands and fine gravels, poorly graded, low plasticity, firm to stiff, brown, moist to very moist, mottled	
8	- stiff at 8.0ft BGS	
	- very stiff at 9.4ft BGS	
10		10.50
	ML-SILTS, with clays, poorly graded, low plasticity, firm, gray, moist to very moist	
12	- very moist at 11.5ft BGS	
	- trace clays, brown, very moist to saturated at 12.5ft BGS	
14		14.50
	SP-SANDS, fine grained, poorly graded, loose, brown, very moist	14.75
16	ML-SILTS, trace clays, poorly graded, low plasticity, firm, very moist to saturated	16.50
	- with clays, gray, saturated at 15ft BGS	
18	- trace fine sands and clays, brown, very moist at 16.0ft BGS	
	SP-SANDS, fine grained, trace medium grained, poorly graded, loose to compact, brown, saturated	19.80
20	CH-CLAYS, with sands, fine grained, with medium to coarse grained, poorly graded, high plasticity, firm, brown, very moist	
22	- gray at 19.8ft BGS	
24		25.00
	END OF BOREHOLE @ 25.0ft BGS	
26	NOTE: 10.5-12.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
28		
30		
32		
34		



WELL DETAILS
Screened interval:
10.50 to 20.50ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
8.50 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -091				0.0
1DP		90		0.1
				0.1
2DP		95		0.3
8-10' -092				0.6
				0.5
10.5-12.5 -093				
3DP		90		0.7
				0.7
4DP		65		0.1
				0.2
				1.3
5DP		100		1.2
				1.0
6DP				

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH22-07
DATE COMPLETED: December 6, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50						
	ASPHALT	1.00		0-2' -131				0.0
2	CL-CLAYS, with sands, fine grained, trace coarse grained and fine to coarse gravels, poorly graded, soft to firm, brown, moist			1DP		90		0.0
4	- trace fine sands, firm, to stiff at 3.0ft BGS - mottled at 3.5ft BGS							0.0
6	- trace fine gravels and silts, firm, slightly mottled at 6.0ft BGS		2" BOREHOLE					0.0
8				2DP		95		0.1
				8-10' -132				
10	CH-CLAYS, with sands, fine to medium grained, trace coarse grained and fine gravels, poorly graded, high plasticity, soft to firm, gray, moist to very moist	10.00						0.0
12	- trace fine to carse gravels, very moist at 13.0ft BGS			3DP		85		0.0
14				12.25-14.25' -133				
	ML-SILTS, with CLAYS, poorly graded, no plasticity, firm, gray, saturated	14.25						0.0
16	CH-CLAYS, with silts, poorly graded, high plasticity, firm, gray, very moist to moist	15.00						0.0
18				4DP		85		0.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 12.25-14.25' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH23-07
DATE COMPLETED: October 17, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -072				0.6
	SP-SANDS, fine grained, poorly graded, loose, brown, moist	1.00						
2	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	1.50		1DP		50		0.3
4	SP-SANDS, with gravels, fine to medium grained sands, fine to coarse gravels, trace clays, moderately graded, loose, brown, moist	5.00	2" BOREHOLE					0.3
6	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	7.00		2DP		50		0.1
8	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist			8-10' -075				
10	- very moist at 10.0ft BGS - trace fine gravels at 11.0ft BGS			10.75-12.75' -076				0.1
12	- fine grained, no gravels, trace silts at 12.5ft BGS	12.75		3DP		80		
14	ML-SILTS, with clays, poorly graded, low plasticity, firm, brown, saturated - increase in clays, moist at 13.3ft BGS - decrease in clays, saturated at 13.8ft BGS	14.00						0.3
16	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist - gray at 16.0ft BGS							0.3
18	- decrease in silts, increase in plasticity at 18.0ft BGS			4DP		75		0.1
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 10.75-12.75' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH26-07
DATE COMPLETED: December 3, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
2	SP-SANDS, fine grained, trace medium to coarse grained and fine gravels, poorly graded, loose, brown, very moist	1.50		0-2' -105 -106 DUP				0.1
	CL-SANDY CLAYS, fine grained, with coarse grained and fine to coarse gravels, poorly graded, firm, brown, moist	2.50		1DP		80		0.4
4	SP-SANDS, with gravels, fine to medium grained sands, fine to coarse gravels, poorly graded, loose, brown, moist		← 2" BOREHOLE					0.4
6								0.4
8				2DP		85		
				8-10' -107				0.4
10	- fine to medium grained, with coarse grained and fine gravels, saturated at 10.0ft BGS	10.50						1.7
12	CI-CLAYS, with silts, poorly graded, moderate plasticity, firm, gray, very moist	12.00		3DP		65		2.7
	ML-SILTS, trace clays, poorly graded, no plasticity, firm, gray, saturated							
14	- brown to orange at 14.5ft BGS							1.1
		15.00						
16	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist							0.4
	- soft to firm, brown and gray, very moist at 16.5ft BGS			4DP		85		
18	- gray at 17.5ft BGS							0.4
	- brown at 18.0ft BGS	18.25						
20	SP-SANDS, fine to medium grained, poorly graded, compact, brown, very moist							0.1
	- with coarse sands and fine gravels, saturated at 20.0ft BGS							
22				5DP		65		0.1
24								0.4
		25.00						
26	CH-CLAYS, with sands, fine grained, with fine gravels, poorly graded, high plasticity, soft, gray, very moist to saturated	25.50						0.1
	SP-SANDS, fine to medium grained, poorly graded, compact, gray, saturated	28.00		6DP		80		
28	CL-CLAYS, with silts, poorly graded, low plasticity, firm, gray, very moist	28.50						0.1
30	SP-SANDS, fine to medium grained, poorly graded, compact, gray, saturated							0.4
	- trace clays at 30.0ft BGS							
32				7DP		85		0.1
34								0.4
		35.00						
36	ML-SILTS, with clays, poorly graded, moderate plasticity, firm, gray, saturated	36.50						0.0
	SP-SANDS, fine grained, trace clays, poorly graded, compact, gray, saturated			8DP		80		
38								0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH26-07
DATE COMPLETED: December 3, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
42								0.0
44				9DP		85		0.0
46								0.0
48				10DP		90		0.0
50	CI-CLAYS, trace silts, poorly graded, soft to firm, moderate plasticity, gray, very moist - firm, moist at 49.5ft BGS	49.00 50.00						0.0
52	END OF BOREHOLE @ 50.0ft BGS NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
54								
56								
58								
60								
62								
64								
66								
68								
70								
72								
74								
76								
78								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

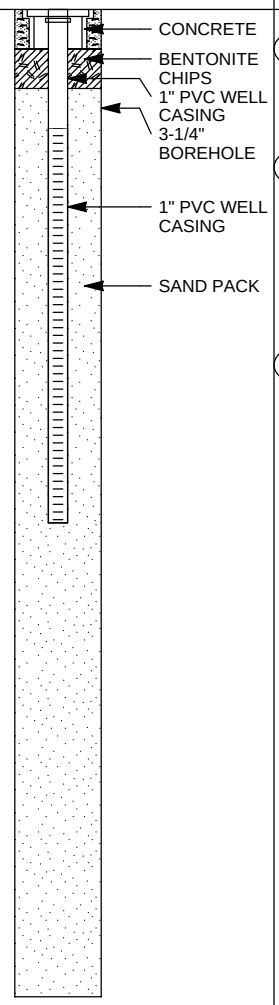
CHEMICAL ANALYSIS (⬭)

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW27-07
DATE COMPLETED: December 7, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.25
2	SP-SANDS, fine grained, with fine to coarse gravels, moderate plasticity, poorly graded, loose, brown, moist - fine grained, trace coarse grained, poorly graded, loose to compact at 1.3ft BGS	
4	CONCRETE DEBRIS	4.00 4.15
	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	4.90 5.00
6	- trace orange brick debris at 4.8ft BGS	
	CONCRETE DEBRIS	
8	CI-CLAYS, trace silts, poorly graded, low to medium plasticity, firm, brown, very moist to saturated	8.80 9.25
10	SP-SANDS, fine grained, poorly graded, loose, brown, very moist to saturated - very moist at 9.0ft BGS	10.00 10.30
12	CI-CLAYS, trace silts, poorly graded, low to medium plasticity, firm, brown, moist to very moist	12.50
	SP-SANDS, fine grained, poorly graded, loose, brown, saturated	13.00 13.50
14	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, saturated - with fine sands at 12.0ft BGS	
16	SP-SANDS, trace clays, fine grained, poorly graded, loose, brown, saturated	
18	ML-SILTS, with clays, poorly graded, no plasticity, firm, gray, saturated - with fine sands at 13.3ft BGS	
20	SP-SANDS, fine grained, poorly graded, loose, brown, very moist - trace coarse sands and fine to coarse gravels at 14.5ft BGS	19.50
22	- fine to medium grained, with coarse grained, trace fine gravels, gray at 15.0ft BGS	
24	CL-CLAYS, with sands, fine and coarse grained, trace fine to coarse gravels, poorly graded, high plasticity, soft to firm, gray, moist - firm at 22.0ft BGS	25.00
26	END OF BOREHOLE @ 25.0ft BGS	
	NOTE: 3-5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
28		
30		
32		
34		



SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -134				0.4
1DP		85		2.6
3-5' -136				
				3.8
2DP		80		0.7
8-10' -135				0.7
				0.1
3DP		95		0.7
				1.0
4DP		80		0.4
				1.7
				0.7
5DP		90		0.4
				0.4

WELL DETAILS
Screened interval:
3.00 to 13.00ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
2.00 to 20.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (0-2' -134)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW28-07
DATE COMPLETED: October 18, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50	CONCRETE	0-2' -077				0.2
2	SP-SANDS, fine to medium grained, trace fine gravels, brick debris (orange) and asphalt, poorly graded, loose, black, moist		BENTONITE CHIPS	1DP		60		
4			1" PVC WELL CASING					0.0
6								0.0
8	- fine grained, no gravels, brick or asphalt at 8.5ft BGS			2DP		40		
			3-1/4" BOREHOLE	8-10' -078				0.0
10								
12	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, soft, brown, very moist	12.00	1" PVC WELL SCREEN	3DP		60		0.2
14	- firm, moist at 13.0ft BGS		SAND PACK	12.75-14.75' -079				0.0
	SP-SANDS, fine grained, poorly graded, loose, brown, moist	14.50 14.75						
16	ML-SILTS, with clays, poorly graded, no plasticity, firm, brown, saturated	16.50						0.0
	SP-SANDS, fine grained, poorly graded, loose, brown, saturated	17.00		4DP		95		
18	ML-SILTS, with clays, poorly graded, no plasticity, firm, brown, saturated	19.00						0.0
20	CL-CLAYS, with silts, poorly graded, low plasticity, soft to firm, brown, moist to very moist	20.00						
	SP-SANDS, fine to medium grained, with fine gravels, poorly graded, loose to compact, brown, very moist	21.50						0.0
22			BENTONITE CHIPS	5DP		90		
	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, very moist							0.0
24	- decrease in silts at 24.0ft BGS	24.50						
	SP-SANDS, fine to medium grained, with fine gravels, poorly graded, compact, brown, very moist							0.0
26	- moist at 25.0ft BGS							
28				6DP		70		0.0
30	CH-CLAYS, trace fine to medium sands and fine gravels, poorly graded, high plasticity, soft to firm, gray, moist	30.00						0.0
32	SP-SANDS, fine to medium grained, with coarse grained and fine to coarse gravels, poorly graded, compact, gray, very moist	32.00		7DP		90		
34	- fine to medium grained, no coarse grained							0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW28-07
DATE COMPLETED: October 18, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
36	or gravels at 34.5ft BGS							0.0
38				8DP		65		0.0
40	SP-SANDS, fine to medium grained, poorly graded, loose to compact, gray, saturated	40.00						0.0
42				9DP		95		0.0
44	- compact at 45.0ft BGS							0.0
46				10DP		100		0.0
48								0.0
50				11DP		90		0.0
52								0.0
54				12DP				0.0
56								
58								
60	END OF BOREHOLE @ 60.0ft BGS NOTE: 12.75-14.75' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	60.00	 WELL DETAILS Screened interval: 10.00 to 20.00ft BGS Length: 10ft Diameter: 1in Slot Size: 0.010 Material: PVC Seal: 20.00 to 60.00ft BGS Material: BENTONITE CHIPS Sand Pack: 8.00 to 20.00ft BGS Material: SAND					
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH29-07
DATE COMPLETED: October 17, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50		0-2' -080				0.0
2	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, stiff, brown, moist			1DP		80		
	- increase in sands, firm at 3.0ft BGS							0.0
4								
	- decrease in sands, stiff to very stiff at 5.0ft BGS		2" BOREHOLE					
6								0.0
				2DP		100		
8								
				8-10' -081				0.0
10								
								0.0
12				3DP		100		
								0.0
14								
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH30-07
DATE COMPLETED: October 17, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50	2" BOREHOLE	0-2' -082 1DP		20		0.0
2	CL-SANDY CLAYS, fine to medium grained, trace fine to coarse gravels, poorly graded, low plasticity, firm to soft, brown, moist	1.50						
	SP-SANDS, fine to medium grained, trace fine gravels, poorly graded, loose, brown, moist	2.50						
4	- moist to very moist at 2.0ft BGS							
	- REFUSAL at 2.5ft BGS							
6	END OF BOREHOLE @ 2.5ft BGS							
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

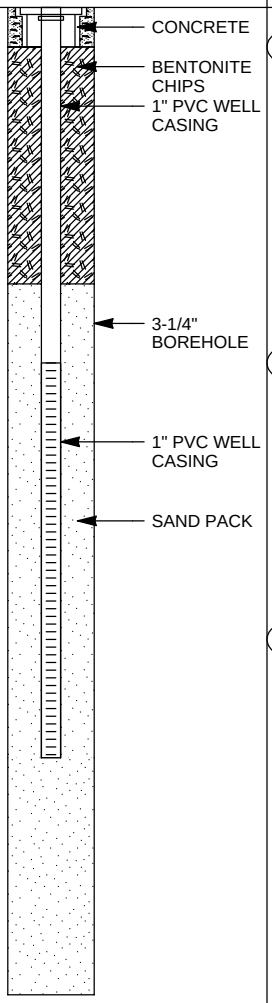
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW32-07
DATE COMPLETED: December 7, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	SW/GW-SANDS AND GRAVELS, fine sands, fine to coarse gravels, with medium to coarse sands, well graded, loose, brown, moist	
1.50	CH-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, high plasticity, firm to soft, brown, moist	
5.0	- trace medium to coarse sands, no gravels, firm at 5.0ft BGS	
8.0	- no medium to coarse sands, trace fine gravels, soft, very moist at 8.0ft BGS	
10.00	CL-CLAYS, trace silts, poorly graded, low plasticity, firm, brown, very moist to saturated	
12.00	SP-SANDS, fine grained, trace medium grained and clays, poorly graded, loose to compact, brown, saturated - no medium grained at 12.5ft BGS - with clays, trace silts at 13.0ft BGS - with silts, compact at 13.7ft BGS - fine grained, trace medium grained at 14.5ft BGS - petroleum-like odor and black staining at 15.0ft BGS	
17.00	- no staining at 15.5ft BGS	
18.00	ML/CL-SILTS AND CLAYS, poorly graded, low plasticity, firm, gray, very moist, slight petroleum-like odor	
18.40	SP-SANDS, fine grained with silts, poorly graded, compact, gray, saturated, petroleum-like odor	
	CH-CLAYS, trace silts, poorly graded, high plasticity, soft to firm, gray, very moist, slight petroleum-like odor - moist, no odor at 19.0ft BGS	
25.00	END OF BOREHOLE @ 25.0ft BGS	

NOTE: 8-10' INTERVAL TESTED NEGATIVE AND 15-17' INTERVAL TESTED POSITIVE FOR PRODUCT USING SUDAN IV JAR TEST



WELL DETAILS
Screened interval:
9.00 to 19.00ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
7.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -137				3.4
1DP		50		3.1
				3.3
2DP		90		1.7
8-10' -138				0.2
				0.3
3DP		95		0.0
				39.3
15-17' -139				0.0
4DP		100		0.1
				0.1
5DP		100		0.0
				0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

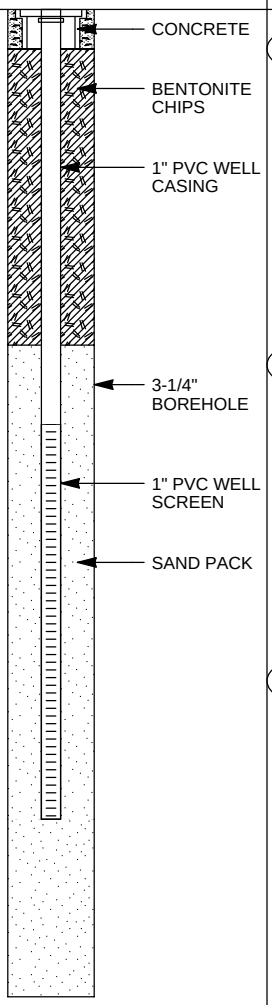
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW33-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
	SP-SANDS, fine grained, with fine to coarse gravels, poorly graded, loose, brown, moist	
		2.50
	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	3.00
		4.00
	ASPHALT DEBRIS, saturated	
	CH-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, high plasticity, soft to firm, olive green, moist	
		6.50
	- very moist at 6.0ft BGS	
	CL-CLAYS, trace fine to medium sands and fine gravels, poorly graded, low plasticity, firm, brown and gray, moist, mottled	
	- stiff, brown, not mottled at 8.0ft BGS	
		14.50
	CL-SANDY CLAYS, fine grained, with fine to coarse gravels, poorly graded, low plasticity, soft to firm, dark gray, very moist, petroleum-like odor	15.50
	SP-SANDS, fine grained, trace coarse grained, poorly graded, loose, gray, very moist, petroleum-like odor	17.00
		17.70
	ML-SILTS, with sands, fine grained, poorly graded, firm, gray, saturated, petroleum-like odor	
		20.00
	SP-SANDS, fine to medium grained, with coarse grained and fine gravels, poorly graded, loose to compact, gray, petroleum-like odor	
	CH-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, high plasticity, soft to firm, gray, moist	
		25.00
	END OF BOREHOLE @ 25.0ft BGS	
	NOTE: 16-18' INTERVAL TESTED POSITIVE FOR PRODUCT USING SUDAN IV JAR TEST	

MONITORING WELL



WELL DETAILS
Screened interval:
10.50 to 20.50ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
8.50 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -094				0.5
1DP		85		0.3
				3.3
2DP		80		0.7
8-10' -095				0.7
				2.3
3DP		100		2.4
				8.7
16-18' -096 4DP		70		788
				91.2
				0.6
5DP		100		1.2
				0.8

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

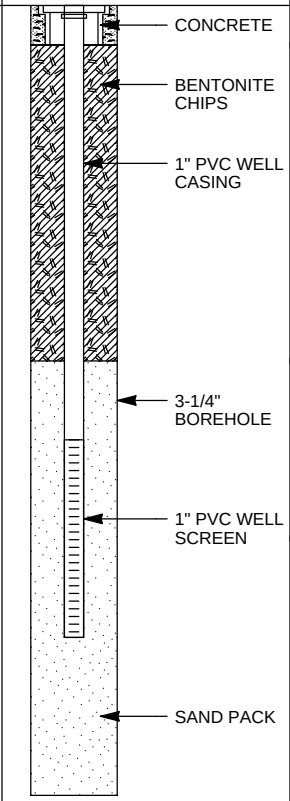
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW34-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CONCRETE	0.50
	ASPHALT	0.60
2	CH-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, high plasticity, soft to firm, brown, moist	
4		
6		
8		8.00
8	CL-CLAYS, with fine grained, trace coarse grained, poorly graded, low plasticity, stiff, brown, moist	
10	- very stiff, mottled at 9.0ft BGS	
	- stiff at 9.7ft BGS	
12	- trace coarse grained and fine to coarse gravels, very stiff, slightly mottled at 10.0ft BGS	
14	- firm, very moist, not mottled at 14.3ft BGS	14.50
	ML-SILTS, with clays, poorly graded, firm, brown, saturated	15.50
16	CH-CLAYS, with silts, high plasticity, firm, gray, moist	
18		
	- very moist at 19.0ft BGS	19.50
20	SP-SANDS, fine grained, poorly graded, loose, gray, saturated	20.00
	END OF BOREHOLE @ 20.0ft BGS	
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
11.00 to 16.00ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
9.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -108				0.0
1DP		30		0.0
				0.0
				0.0
2DP		30		0.1
8-10' -109				0.0
3DP		100		0.1
12.5-14.5 -110				0.1
				0.0
4DP		100		0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

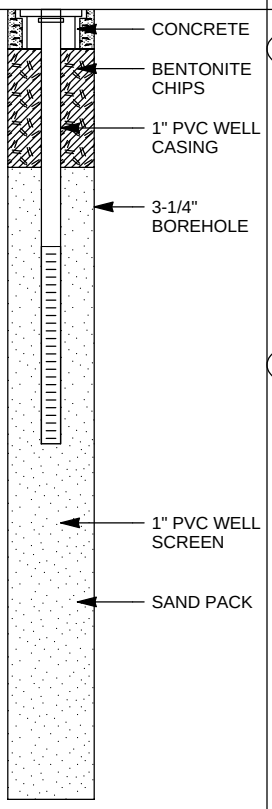
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW35-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
2	SP-SANDS, fine grained, with medium to coarse grained and fine to coarse gravels, poorly graded, loose, brown, moist - loose to compact, very moist at 1.5ft BGS	
4		
6		
	- very moist to saturated at 7.0ft BGS	
8		
	CONCRETE DEBRIS	8.75
		9.50
10	CH-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, soft, gray, very moist	10.00
		10.50
12	SP-SANDS, fine to medium grained, poorly graded, loose, gray, saturated	
	CI-CLAYS, with sands, medium grained, trace fine grained and fine gravels, poorly graded, firm, gray, moist	
14		
16	- no sands, trace silts, soft to firm, at 16.0ft BGS	
18		
		20.00
20	END OF BOREHOLE @ 20.0ft BGS	
22	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
6.00 to 11.00ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
4.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -100				1.0
1DP		80		1.3
				1.6
				1.1
2DP		75		
8-10' -101				1.4
				1.7
3DP		95		2.6
				4.3
				1.4
4DP		100		
				3.3

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH36-07
DATE COMPLETED: December 3, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -097				1.7
2	SP-SANDS, fine grained, with medium to coarse grained and fine to coarse gravels, poorly graded, loose, brown, moist			1DP		70		2.0
		3.00						
	CL-SANDY CLAYS, fine grained, trace coarse grained, poorly graded, low plasticity, firm, brown, moist	3.50						
4		4.00						2.6
	SP-SANDS, fine grained, poorly graded, loose to compact, dark brown, moist		2" BOREHOLE					
6	CI-CLAYS, trace fine sands and fine gravels, poorly graded, moderate plasticity, firm to stiff, brown, moist, mottled							1.7
				2DP		90		
8	- low to moderate plasticity, stiff at 7.0ft BGS							
				8-10' -098				2.4
10	- with fine to coarse gravels, not mottled at 10.0ft BGS							1.5
12				3DP		100		3.6
14				13.5-15.5 -099				
	- no gravels, moderate to high plasticity, soft, gray, very moist at 15.0ft BGS							2.8
		15.50						
16	SP-SANDS, fine grained, poorly graded, loose, brown, very moist to saturated	16.00						
		17.25						1.3
18	ML-SILTS, trace clays, poorly graded, firm, gray, saturated			4DP		75		
	- trace fine sands and clays at 16.5ft BGS							1.5
20	SP-SANDS, fine grained, with medium grained, trace coarse grained and fine to coarse gravels, poorly graded, loose, gray, saturated	20.00						3.0
22	CH-CLAYS, with sands, fine grained, trace medium to coarse grained, poorly graded, soft to firm, gray, very moist			5DP		90		4.6
24		24.00						
	SP-SANDS, fine grained, poorly graded, loose to compact, gray, very moist							3.8
26	- fine to medium grained, saturated at 25.0ft BGS							
28				6DP		85		1.8
30								2.1
32				7DP		80		1.7
34								1.5
								1.2

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH36-07
DATE COMPLETED: December 3, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
38				8DP		75		0.6
40								0.7
	END OF BOREHOLE @ 40.0ft BGS	40.00						
42	NOTE: 13.5-15.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								
70								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (○)

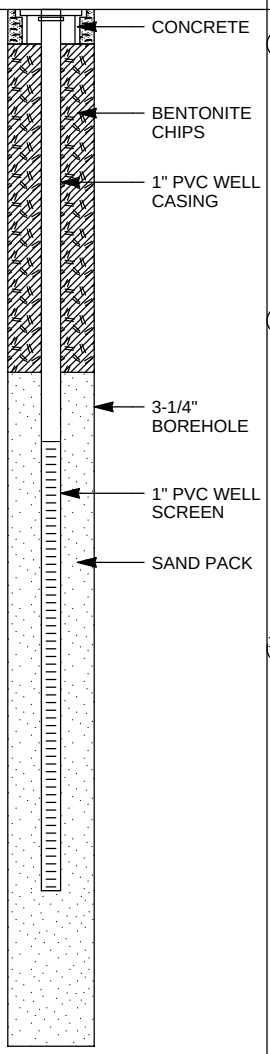
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW37-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
2	CL-SANDY CLAYS, fine grained, with coarse grained and fine gravels, poorly graded, low plasticity, firm, brown, moist	
4	CONCRETE DEBRIS	4.00 4.15
6	CI-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, moderate plasticity, firm, brown, moist - olive green, mottled at 7.0ft BGS	
8		
10	- brown and gray at 9.8ft BGS - with coarse sands, trace fine gravels, stiff, brown at 10.0ft BGS	
12		
14	- trace coarse sands, gray at 15.0ft BGS	
16		
18		
20	SP-SANDS, fine grained, with medium grained, trace coarse grained, poorly graded, loose, gray, saturated	19.50 20.00
22	CH-CLAYS, trace silts and fine sands, poorly graded, high plasticity, soft, gray, very moist	21.50
24	ML-SILTS, with clays, poorly graded, low plasticity, firm, gray, saturated	23.50
26	SP-SANDS, fine grained, with medium grained, trace coarse grained, poorly graded, loose to compact, gray, saturated	25.00
28	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, soft to firm, brown, moist to very moist - firm, moist at 27.0ft BGS - no coarse sands or fine gravels, trace silts at 28.0ft BGS	
30	- trace coarse sands and fine gravels at 29.3ft BGS	30.00
32	END OF BOREHOLE @ 30.0ft BGS	
34	NOTE: 17.5-19.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
36		
38		



WELL DETAILS
Screened interval:
12.50 to 25.50ft BGS
Length: 13ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
10.50 to 30.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -102				2.0
1DP		85		1.1
				0.8
2DP		95		0.8
8-10' -103				0.4
				0.8
3DP		100		0.1
				0.4
				0.4
4DP		100		
17.5-19.5 -104				0.4
				0.1
5DP		85		0.1
				0.1
				0.1
6DP		95		0.1
				0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

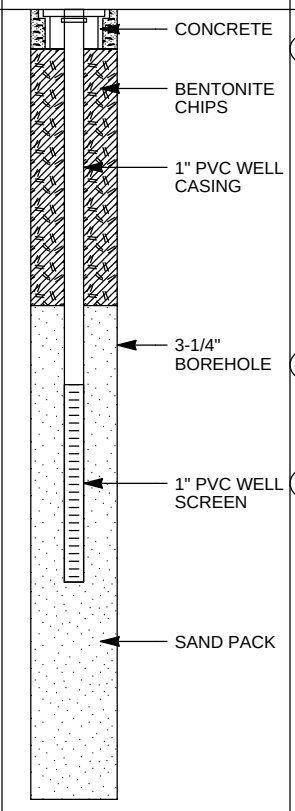
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW38-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
	SP-SANDS, fine grained, trace fine gravels, poorly graded, loose, brown, moist	1.00
2	CL-CLAYS, with fine sands, trace coarse sands and fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	
4	- increase in sands, stiff to firm at 4.0ft BGS	
	- with fine sands, stiff at 5.5ft BGS	
6	- no gravels at 6.5ft BGS	
8		
10	- trace silts at 10.0ft BGS	
12		
	SP-SANDS, fine grained, with medium to coarse grained, trace fine to coarse gravels and clays, poorly graded, loose to compact, brown, saturated	13.00 13.50 14.00
14		
16	CL-SANDY CLAYS, fine grained, trace medium to coarse grained and fine to coarse gravels, poorly graded, low plasticity, soft to firm, brown, saturated	
18	CH-CLAYS, with fine sands, trace coarse sands and fine gravels, poorly graded, firm, moderate plasticity, gray, moist	18.50
	- high plasticity at 16.0ft BGS	
20	CL-CLAYS, with silts, poorly graded, low plasticity, firm, gray, very moist	20.00
	END OF BOREHOLE @ 20.0ft BGS	
22		
	NOTE: 11-13' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
9.50 to 14.50ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
7.50 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -111				0.0
1DP		80		0.0
				0.0
				0.0
2DP		100		0.0
8-10' -112				0.0
				0.0
11-13' -113 3DP		100		0.0
				0.0
				0.0
4DP		100		0.0
				0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH39-07
DATE COMPLETED: December 4, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -114				0.1
	SP-SANDS, with clays, fine grained, poorly graded, loose, brown, moist	1.50		1DP		95		0.1
2	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, stiff, brown, moist, mottled							0.1
4	- no gravels, stiff to very stiff, not mottled at 5.0ft BGS		2" BOREHOLE					0.7
6				2DP		100		
8				8-10' -115				0.7
10	- no coarse sands, trace silts, firm at 10.0ft BGS							0.1
		11.25						
12	SP-SANDS, with silts, fine grained, poorly graded, compact, brown, saturated	11.50		3DP		100		1.0
	CI-CLAYS, with silts, poorly graded, low to moderate plasticity, firm, to stiff, brown, moist			12.5-14.5 -116				
14	- firm, very moist at 13.5ft BGS							0.1
		14.50						
	ML-SILTS, trace clays, poorly graded, no plasticity, firm, gray, saturated	15.00						
16	CI-CLAYS, trace silts, poorly graded, moderate plasticity, firm, gray, moist							0.0
18				4DP		85		
								0.0
		19.50						
20	SP-SANDS, fine grained, poorly graded, loose to compact, gray, saturated	20.00						
	END OF BOREHOLE @ 20.0ft BGS							
22	NOTE: 12.5-14.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

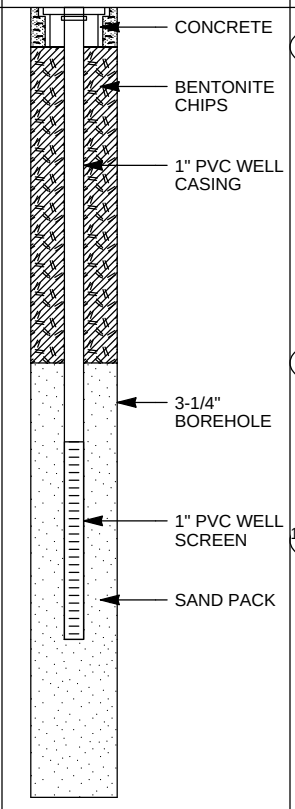
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW40-07
DATE COMPLETED: December 6, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CONCRETE	1.25
2	SP-SANDS, fine grained, trace coarse gravels, poorly graded, loose to compact, black, moist	2.00
4	CL-CLAYS, with sands, fine grained, trace coarse grained and fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	
6	- no gravels, increase in plasticity at 3.5ft BGS - with fine to coarse gravels, decrease in plasticity, mottled at 4.0ft BGS	
8	- slightly mottled, stiff at 5.0ft BGS	
10	- no mottled at 10.0ft BGS	
12	- trace medium sands and silts, no coarse sands and fine to coarse gravels, firm at 11.7ft BGS - gray at 13.0ft BGS	
14	- no medium sands, trace fine to coarse gravels at 13.5ft BGS - soft to firm, very moist at 14.0ft BGS	14.50
16	ML-SILTS, with clays, poorly graded, no plasticity, gray, saturated	15.50
18	CL-CLAYS, with silts, poorly graded, low plasticity, firm, gray, very moist to moist - trace silts, moist at 17.0ft BGS - with silts at 19.0ft BGS	
20	END OF BOREHOLE @ 20.0ft BGS	20.00
22	NOTE: 12.5-14.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
11.00 to 16.00ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
9.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -117				0.0
1DP		90		0.1
				0.1
				0.0
2DP		100		
8-10' -118				0.0
				0.4
3DP		100		0.1
12.5-14.5 -119				
				0.1
				0.0
4DP		100		
				0.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH41-07
DATE COMPLETED: December 5, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CONCRETE	0.50
	SP-SANDS, fine to medium grained, with coarse grained and fine to coarse gravels, moderately graded, loose, brown, saturated	1.50
	CH-CLAYS, with sands, fine grained, trace coarse gravels, poorly graded, high plasticity, soft to firm, brown, moist to very moist	2.20
	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, moist, mottled	
	- with coarse sands, trace fine gravels, stiff at 5.0ft BGS	
	- very stiff at 7.0ft BGS	
	CH-CLAYS, trace fine sands and silts, poorly graded, high plasticity, firm, gray, moist	13.00
	- trace fine to coarse gravels at 13.5ft BGS	14.50
	- no gravels, firm to soft at 14.0ft BGS	15.00
	- soft, very moist at 14.2ft BGS	16.00
	ML-SILTS, with clays, poorly graded, low plasticity, firm, gray, saturated	
	CH-CLAYS, trace silts, poorly graded, high plasticity, soft, gray, very moist to saturated	
	SP-SANDS, fine to medium grained, with coarse grained and fine to coarse gravels, poorly graded, loose to compact, brown, saturated	19.00 20.00
	ML/CL-SILTS AND CLAYS, poorly graded, no plasticity, firm, gray, saturated	20.50
	SP-SANDS, fine to medium grained, trace coarse grained, poorly graded, loose to compact, gray, saturated	
	CL-SANDY CLAYS, fine grained with fine gravels, poorly graded, low plasticity, soft to firm, gray, very moist	25.00
	- firm, moist at 22.5ft BGS	
	END OF BOREHOLE @ 25.0ft BGS	
	NOTE: 12.5-14.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	

BOREHOLE: 2" BOREHOLE

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -120				0.0
1DP		85		0.0
				0.4
2DP		95		0.8
8-10' -121				0.4
				0.0
3DP		100		0.0
12.5-14.5 -122				0.1
4DP		80		0.0
				0.0
				0.1
5DP		85		0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH42-07
DATE COMPLETED: December 5, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, soft, brown, moist	0.75 0.90 1.50
	CONCRETE DEBRIS	2.50
	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, soft, brown, moist	
	SP-SANDS, fine grained, with medium grained, trace coarse gravels, poorly graded, loose, brown, very moist	
	CL-CLAYS, with sands, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	8.00
	- stiff at 6.0ft BGS	
	CH-CLAYS, with sands, fine grained, with coarse grained, trace fine gravels, poorly graded, high plasticity, firm, dark brown, moist	10.00 10.50
	- soft to firm, very moist at 9.0ft BGS	
	SP-SANDS, fine grained, trace clays, poorly graded, loose, brown, saturated	
	CL-CLAYS, trace fine sands and fine to coarse gravels, poorly graded, low plasticity, stiff, brown, moist	
	- firm, gray at 17.0ft BGS	
	END OF BOREHOLE @ 20.0ft BGS	20.00
	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	

BOREHOLE: 2" BOREHOLE

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -123 -124 DUP				0.0
1DP		85		0.1
				0.0
2DP		80		0.0
8-10' -125				0.1
				0.1
3DP		100		0.1
				0.0
4DP		100		0.0
				0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

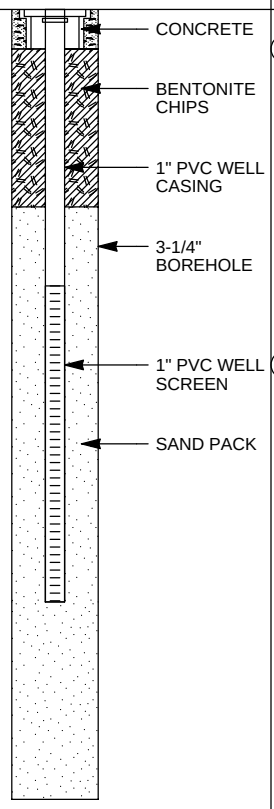
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW43-07
DATE COMPLETED: December 6, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
	SP-SANDS, fine grained, with fine to coarse gravels, trace clays, poorly graded, loose, brown, moist	1.00
2	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, firm, brown, moist	
4	- mottled at 2.5ft BGS	
	- decrease in fine sands, with coarse sands, stiff, slightly mottled at 5.0ft BGS	
6		
8	- trace silts at 8.0ft BGS	
	CL/ML-CLAYS AND SILTS, poorly graded, low plasticity, firm, brown, very moist	9.50
10	SP-SANDS, fine grained, trace coarse grained, poorly graded, loose, brown, very moist	10.70 11.00
12	CL/ML-CLAYS AND SILTS, poorly graded, low plasticity, firm, brown, saturated	12.00 12.50 13.00
	ML-SILTS, trace clays, poorly graded, no plasticity, firm, brown and gray, saturated	13.75 14.25
14	CL/ML-CLAYS AND SILTS, poorly graded, low plasticity, firm, brown, saturated	
16	CH-CLAYS, trace silts, poorly graded, high plasticity, soft to firm, gray, saturated	
	SP-SANDS, with silts, fine grained, poorly graded, compact, gray, saturated	
18	CH-CLAYS, trace silts, poorly graded, high plasticity, soft to firm, gray, very moist	19.50
20	- moist at 15.0ft BGS	20.00
	ML-SILTS, with clays, poorly graded, low plasticity, firm, gray, saturated	
22	END OF BOREHOLE @ 20.0ft BGS	
	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
7.00 to 15.00ft BGS
Length: 8ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
5.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -126				0.0
1DP		90		0.1
				0.1
				0.0
2DP		95		
8-10' -127				0.1
				0.0
3DP		100		0.0
				0.0
				0.0
4DP		100		0.0
				0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH44-07
DATE COMPLETED: December 6, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50		0-2' -128				0.4
2	CL-SANDY CLAYS, fine grained, poorly graded, low plasticity, dark brown to black, moist to very moist			1DP		50		0.4
4	- brown at 4.5ft BGS		← 2" BOREHOLE					0.7
	SC-CLAYEY SANDS, fine grained with fine to coarse gravels, poorly graded, loose to compact, brown, very moist	5.50						
6		6.50						0.7
	CH-CLAYS, trace fine sands and fine to coarse gravels, poorly graded, high plasticity, soft, brown, very moist			2DP		70		
8				8-10' -129				1.9
10	CL-CLAYS, trace fine to coarse sands and fine to coarse gravels, poorly graded, low plasticity, firm to stiff, brown, moist	10.00						1.3
12				3DP		85		1.9
14				13-15' -130				
16	SC-CLAYEY SANDS, fine grained with fine gravels, poorly graded, loose to compact, brown, saturated	15.00						1.9
		17.00						1.0
18	CL-CLAYS, with sands, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist to very moist	17.50		4DP		95		
20	SP-SANDS, fine to medium grained, with coarse grained, trace fine to coarse gravels and clays, poorly graded, loose, brown, saturated							0.4
	- fine grained, no gravels at 20.0ft BGS	21.50						0.4
22	CI-CLAYS, trace fine sands and silts, poorly graded, moderate plasticity, soft to firm, brown, moist to very moist	22.50		5DP		95		0.4
24	SP-SANDS, medium grained, with fine and coarse grained, trace fine gravels, poorly graded, loose, brown, saturated	24.00						
		25.00						0.1
26	CI-CLAYS, trace fine sands and silts, poorly graded, moderate plasticity, soft to firm, brown, moist to very moist							0.4
28	SP-SANDS, medium grained, with fine and coarse grained, trace fine gravels, poorly graded, loose, brown, saturated			6DP		80		
	- fine grained, with medium grained, trace coarse grained and clays at 28.0ft BGS							0.1
30	- fine to medium grained, with coarse grained, trace fine gravels at 30.0ft BGS							0.1
32	- fine grained with silts, gray at 32.0ft BGS							
	CL-CLAYS, with sands, fine grained, with coarse grained, trace fine gravels, poorly graded, low plasticity, firm, gray, moist to very moist	32.50		7DP		85		0.1
34								0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH44-07
DATE COMPLETED: December 6, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
38	SP-SANDS, fine grained, trace clays, poorly graded, loose to compact, gray, saturated	36.50		8DP		85		0.0
40	END OF BOREHOLE @ 40.0ft BGS	40.00						0.1
42	NOTE: 13-15' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								
70								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/17/07

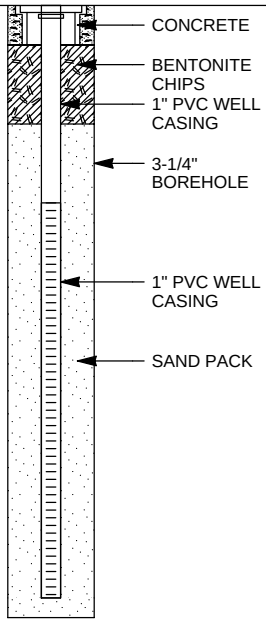
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW46-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
2	SP-SANDS, fine grained, with fine gravels, poorly graded, loose, gray, moist - with coarse sands, trace fine gravels, brown at 1.5ft BGS	
4	- very moist at 4.8ft BGS - no gravels, saturated at 5.0ft BGS	
6		
8	- medium grained, with fine and coarse grained, trace fine gravels at 7.5ft BGS	
10	CH-CLAYS, trace fine to medium sands, poorly graded, high plasticity, soft to firm, brown, very moist, mottled	9.00 10.50
12	CL-CLAYS, with sands, fine grained, poorly graded, soft, gray, saturated - with coarse gravels at 12.5ft BGS	
14	- trace fine sands and fine gravels, stiff, moist at 13.0ft BGS	
16	END OF BOREHOLE @ 15.5ft BGS NOTE: 7.5-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	15.50
18		
20		
22		
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
5.00 to 15.00ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
3.00 to 15.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -012				0.8
1DP		35		4.6
				1.3
2DP		70		12.0
9-10' -013 -014 (DUP)				1.3
3DP		100		0.8
4DP		100		0.2

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH47-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50		0-2' -009				0.2
	SP-SANDS, with clays, fine grained, trace fine gravels, poorly graded, compact, brown, moist	1.75						
2	CONCRETE AND ASPHALT DEBRIS	2.50		1DP		100		0.2
	CL-CLAYS, trace fine to medium sands and fine gravels, poorly graded, low plasticity, firm, brown, moist							
4	- stiff at 5.0ft BGS							0.2
6								
8	- mottled at 8.0ft BGS			2DP		85		0.8
				8-10' -010				
10								0.8
12				3DP		100		
	- very stiff at 13.5ft BGS							0.8
14								
16								10.6
				4DP		45		
18	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose, brown, moist	18.00		17.5-20 -011				13.9
20	- very moist at 20.0ft BGS		2" BOREHOLE					
22				5DP		25		0.2
24								0.2
26		27.00						1.3
	CL-CLAYS, trace fine sands, poorly graded, firm, low plasticity, brown, very moist	27.50		6DP		55		
28	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose, brown, moist	28.50 29.00						0.8
30	CL-CLAYS, poorly graded, low plasticity, firm, brown, very moist	30.00 31.00						1.3
32	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose, brown, moist	32.50		7DP		90		
	CL-CLAYS, poorly graded, low plasticity, firm, brown, very moist	33.50						1.3
34	SP-SANDS, fine grained, with medium to	34.00						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH47-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
36	coarse grained and fine gravels, poorly graded, loose, brown, moist	35.50						0.8
	CL-CLAYS, poorly graded, low plasticity, firm, brown, very moist			8DP		95		
38	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose, brown, moist							0.8
40	CL-SANDY CLAYS, fine to medium grained, with coarse grained and fine to coarse gravels, poorly graded, low plasticity, firm, brown, very moist	40.00						
42	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose, brown, moist							
44	END OF BOREHOLE @ 40.0ft BGS							
46	NOTE: 17.5-20' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW48-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50	CONCRETE					
	NO RECOVERY		BENTONITE CHIPS					0.8
2			1" PVC WELL CASING	1DP		15		
4			3-1/4" BOREHOLE					0.2
	SP-SANDS, fine grained, poorly graded, loose, black, moist	4.90						
6				5-7' -007				0.2
	- saturated at 7.5ft BGS		1" PVC WELL CASING	2DP		70		
8	- gray at 8.5ft BGS							0.8
10			SAND PACK					
12								0.8
	- fine to medium grained at 13.0ft BGS			3DP		85		
	CH-CLAYS, trace fine sands, poorly graded, high plasticity, soft, gray, very moist	13.50						0.2
14	- trace fine gravels, firm, moist at 15.0ft BGS			13.5-15.5 -008				
16								0.2
18				4DP		100		
								0.2
20	END OF BOREHOLE @ 20.0ft BGS	20.00						0.2
22	NOTE: 0-2' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
5.00 to 15.00ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
3.00 to 20.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH49-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -004				0.0
	SP-SANDS, fine grained, with fine gravels, poorly graded, loose, brown, moist	1.00						
2	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm, brown, moist			1DP		95		0.0
4	- stiff at 1.8ft BGS							
	CL-CLAYS, trace fine sands and fine to coarse gravels, poorly graded, low plasticity, stiff to very stiff, brown, moist	5.00						0.0
6				2DP		100		
8				8-10' -005				0.0
10	- soft, very moist at 9.8ft BGS - stiff, moist at 10.0ft BGS							0.0
12				3DP		85		
14								0.0
	SP-SANDS, fine grained, with medium to coarse grained, trace fine gravels, poorly graded, loose, brown, moist	14.50						
16								0.0
18				4DP		90		
	CL/ML-CLAYS AND SILTS, poorly graded, low plasticity, firm, very moist to moist	18.50						0.0
20	- moist at 18.8ft BGS	20.00						
	SP-SANDS, fine grained, with medium to coarse grained, trace fine gravels, poorly graded, loose, brown, moist							0.0
22			← 2" BOREHOLE	5DP		85		
24								0.0
26								0.0
28				6DP		90		
30								0.0
32				7DP		90		0.0
34				33-35' -006				0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH49-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
36	- very moist at 35.0ft BGS							0.0
38				8DP		100		0.0
40								
42	- gray at 42.0ft BGS			9DP		80		0.0
44								0.0
	END OF BOREHOLE @ 45.0ft BGS	45.00						
46	NOTE: 33-35' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH50-07
DATE COMPLETED: October 9, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50		0-2' -001				7.3
2	CL-SANDY CLAYS, fine grained, trace medium to coarse sands, poorly graded, low plasticity, firm, brown, moist			1DP		90		4.0
4								
6								0.2
8	SP-SANDS, fine grained, poorly graded, loose, dark brown, moist - with clays at 8.5ft BGS	8.00		2DP		65		0.8
10				8-10' -002				
12				11-13' -003 3DP		60		0.0
14	CL-SANDY CLAYS, fine grained, trace medium to coarse grained, poorly graded, low plasticity, soft to firm, brown, very moist - firm, moist at 14.0ft BGS - soft, increase in plasticity, very moist at 15.0ft BGS	13.00	2" BOREHOLE					0.0
16								0.0
18	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm, brown, moist - with fine sands, trace coarse sands and fine to coarse gravels at 19.5ft BGS - trace fine sands and fine gravels at 20.0ft BGS - increase in sands at 22.5ft BGS	17.50		4DP		75		0.0
20								0.0
22				5DP		75		0.0
24	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose to compact, brown, moist	23.00						0.0
26								0.0
28				6DP		85		0.0
30	END OF BOREHOLE @ 30.0ft BGS NOTE: 11-13' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	30.00						
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH61-08
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50		0-2' -006				0.0
2	CL-SANDY CLAYS, fine grained, with coarse grained and fine gravels, poorly graded, low plasticity, firm, gray, moist	1.50		1GP		85		0.3
	ASPHALT DEBRIS	2.50						
4	CL-CLAYS, trace fine to medium sands and fine gravels, poorly graded, low plasticity, stiff, brown, moist, mottled		2" BOREHOLE					1.3
	- very stiff at 4.0ft BGS							
6								0.5
8				2GP		100		
				8-10' -007				0.0
10	- trace fine sands and fine gravels, not mottled at 9.5ft BGS							0.0
12				3GP		100		0.0
	- gray, firm at 13.5ft BGS							
14								0.0
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH62-08
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50	2" BOREHOLE	0-2' -004				0.0
	SP-SANDS, fine to medium grained, with fine gravels, trace coarse gravels, poorly graded, loose, brown, moist	1.25 / 1.75						
2	CL-SANDY CLAYS, fine grained, with coarse sands and fine gravels, poorly graded, low plasticity, firm, brown, moist	2.25		1GP		90		0.0
4	SP-SANDS, fine to medium grained, trace coarse sands and fine gravels, poorly graded, loose, brown, moist	4.00						0.0
6	CONCRETE DEBRIS							
	SP-SANDS, fine grained, poorly graded, loose, black, moist			2GP		65		0.0
8	CONCRETE DEBRIS	8.00						
	CL-CLAYS, trace fine and coarse sands and fine gravels, poorly graded, low plasticity, firm, brown, moist, mottled	9.00		9-11' -005				0.0
10	- with fine sands, no gravels, gray, moist to very moist at 10.0ft BGS	11.00						0.0
12	SP-SANDS, with clays, fine grained, poorly graded, compact, gray, saturated			3GP		85		0.0
	- fine to medium grained, trace coarse sands, fine gravels and clays at 12.0ft BGS	13.00						
14	- no coarse sands or fine gravels at 12.5ft BGS							0.0
	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, gray, moist							
16								0.0
18				4GP		75		
								0.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 9-11' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW63-08
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50	CONCRETE	0-2' -001				0.0
2	SP-SANDS, fine to medium grained, with fine gravels, trace coarse gravels, poorly graded, loose to compact, brown, moist - asphalt debris at 3.0ft BGS - no asphalt debris at 3.2ft BGS		BENTONITE CHIPS	1GP		80		0.0
4		3.80	1" PVC WELL CASING					0.0
6	CL-CLAYS, with sands, fine grained, poorly graded, low plasticity, firm, brown, moist, mottled - trace fine to coarse gravels at 6.0ft BGS							0.0
8			3-1/4" BOREHOLE	2GP		100		0.0
10	- increase in plasticity at 9.8ft BGS			8-10' -002				0.0
12	SP-SANDS, fine to medium grained, with coarse grained and fine gravels, trace coarse gravels, poorly graded, loose to compact, brown, saturated	12.00	1" PVC WELL SCREEN	10-12' -003				0.0
14	- fine grained, no gravels, compact at 13.8ft BGS	15.00	SAND PACK	3GP		100		0.0
16	CH-CLAYS, trace fine sands and silts, poorly graded, high plasticity, firm, gray, moist							0.0
18				4GP		80		0.0
20	END OF BOREHOLE @ 20.0ft BGS NOTE: 10-12' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	20.00						
22								
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
9.50 to 15.50ft BGS
Length: 6ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
8.00 to 20.00ft BGS
Material: SAND

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

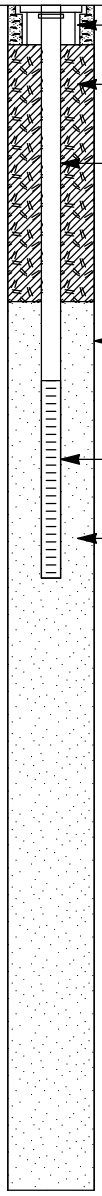
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW64-08
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CONCRETE	0.50
	SP-SANDS, fine grained, trace fine to coarse gravels, poorly graded, compact, brown, moist	1.20
2	CL-SANDY CLAYS, fine grained, with fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	
4	- with fine sands and fine to coarse gravels at 2.5ft BGS	
	- decrease in sands, stiff, mottled at 3.8ft BGS	
6		
8		
10	CH-CLAYS, with fine sands, trace medium to coarse sands, poorly graded, high plasticity, soft to firm, gray, very moist to moist	10.00
12	SP-SANDS, with clays, trace silts, fine grained, poorly graded, compact, gray, saturated	11.75
	- decrease in clays at 13.0ft BGS	13.50
14	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, gray, moist	
16		
18	SP-SANDS, trace clays, fine grained, poorly graded, loose, gray, saturated	17.00
	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, gray, moist to very moist	18.75
20	SP-SANDS, trace clays, fine grained, with medium grained, poorly graded, loose, gray, saturated	20.00
22	- with fine to coarse gravels at 22.8ft BGS	
	- trace fine gravels at 23.0ft BGS	
24		
26	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, gray, moist	25.00
	- firm to stiff at 27.0ft BGS	
28		
30	END OF BOREHOLE @ 30.0ft BGS	30.00
32		
34		



WELL DETAILS
Screened interval:
9.50 to 14.50ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -010				0.0
1GP		85		0.0
				0.0
				0.0
2GP		80		0.0
8-10' -011				0.0
10-11.75' -012				0.0
3GP		90		0.0
				0.0
				0.0
4GP		80		0.0
				0.0
				0.0
5GP		90		0.0
				0.0
				0.0
6GP		100		0.0
				0.0

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG
(OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW64-08
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE				
				NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
36			7.50 to 30.00ft BGS Material: SAND					
38								
40								
42								
44								
46								
48								
50								
52								
54								
56								
58								
60								
62								
64								
66								
68								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH65-08
DATE COMPLETED: March 11, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50		0-2' -013				4.0
2	SP-SANDS, fine grained, trace medium grained, poorly graded, loose, brown, moist - black at 1.0ft BGS - brown at 3.0ft BGS - orange brick debris at 3.5ft BGS - no brick debris at 3.6ft BGS			1DP		85		2.0
4		4.00	2" BOREHOLE					1.6
6	CH-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, high plasticity, firm, brown, moist - mottled at 5.0ft BGS							1.7
8	- slightly mottled at 8.0ft BGS			2DP		90		
				8-10' -014				1.4
10	CL-SANDY CLAYS, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, firm, gray, moist	10.00		10-12' -015				1.2
12	SP-SANDS AND CLAYS, fine grained, poorly graded, compact, gray, saturated	12.00		3DP		75		1.3
14	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm, gray, moist	13.00						0.6
16	SP-SANDS, medium to coarse grained, with fine grained, poorly graded, loose, gray and brown, saturated	15.00						0.3
18	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm, gray, moist	17.00		4DP		80		0.0
20								0.0
22				5DP		80		0.0
24	SP-SANDS, with clays, fine grained, poorly graded, compact, gray, saturated	23.50						0.0
26	END OF BOREHOLE @ 25.0ft BGS NOTE: 10-12' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	25.00						
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH66-08 (REFUSAL LOCATION)
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50	2" BOREHOLE	1GP		100		0.0
2	SP-SANDS, with gravels, fine to medium grained sands, fine to coarse gravels, poorly graded, loose, brown, moist - fine grained, trace fine gravels, compact at 1.8ft BGS - REFUSAL at 3.0ft BGS	3.00						0.0
4	END OF BOREHOLE @ 3.0ft BGS							
6								
8								
10								
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH67-08
DATE COMPLETED: March 10, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.35		0.35-1.5' -008				0.0
2	SP-SANDS, medium grained, with fine grained, trace coarse grained, poorly graded, loose to compact, brown, moist			1GP		80		0.0
	- loose, saturated at 1.5ft BGS	2.75						
4	CL-SANDY CLAYS, fine grained, with fine gravels, poorly graded, low plasticity, soft, brown, very moist							0.0
	- firm, moist, mottled at 3.0ft BGS		2" BOREHOLE					
6	- with fine to medium sands, trace fine gravels, stiff at 5.0ft BGS							0.0
	- not mottled at 7.5ft BGS			2GP		100		
8				8-10' -009				0.0
10								0.0
12	- trace fine to coarse gravels at 11.5ft BGS			3GP		95		0.0
14	- no gravels, increase in plasticity, firm, gray, moist at 13.8ft BGS							0.0
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

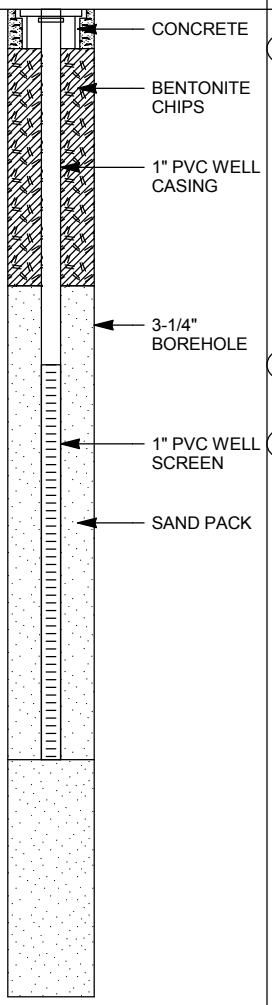
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW68-08
DATE COMPLETED: March 12, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CONCRETE	0.50
2	SP-SANDS, fine grained, trace medium to coarse grained, poorly graded, loose, brown, moist	
	- no trace medium to coarse grained, black at 3.0ft BGS	
4		4.50
	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	
6	- soft, moist to very moist at 6.0ft BGS	
8		
10	- with fine sands, trace fine gravels, firm, moist at 10.0ft BGS	
12		12.00
	SP-SANDS, fine grained, trace medium to coarse grained, poorly graded, loose to compact, brown, saturated	12.50
		13.25
14	CL-CLAYS, with sands, fine grained, trace medium grained, poorly graded, low plasticity, firm, brown, moist to very moist	15.00
16	SP-SANDS, trace clays, fine grained, trace medium to coarse grained, poorly graded, loose to compact, brown, saturated	
	CL-CLAYS, trace fine sands, poorly graded, low plasticity, firm, brown, very moist	17.50
18	- moist at 17.0ft BGS	18.25
		18.50
	SP-SANDS, fine grained, trace medium to coarse grained, poorly graded, loose to compact, brown, saturated	19.00
20	CL-CLAYS, trace fine sands, poorly graded, low plasticity, firm, brown, very moist	
22	SP-SANDS, fine grained, trace medium to coarse grained, poorly graded, loose to compact, gray, saturated	
24	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, gray, moist	
		25.00
26	END OF BOREHOLE @ 25.0ft BGS	
	NOTE: 10-12' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
28		
30		
32		
34		



WELL DETAILS
Screened interval:
9.00 to 19.00ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
7.00 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -038				4.8
1DP		70		2.2
				1.5
				1.9
2DP		50		
8-10' -039				3.0
10-12' -040				5.0
3DP		85		2.5
				3.7
4DP		90		1.2
				1.1
				0.8
5DP		85		0.2
				0.4

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

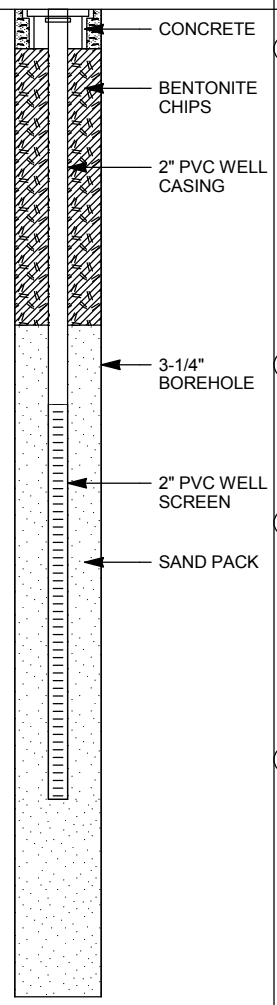
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW69-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: 3-1/4" HSA
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	CONCRETE	0.50
	SP-SANDS, fine grained, trace coarse sands and fine gravels, poorly graded, loose, brown, moist	
10	- saturated at 10.5ft BGS	
	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	11.00
12	- gray at 13.0ft BGS	
14	- stiff, brown at 13.5ft BGS	14.00
	SP-SANDS, fine grained, trace medium to coarse grained and clays, poorly graded, loose to compact, gray, saturated, petroleum-like odor	14.80
16	CL-CLAYS, with sands, fine grained, poorly graded, low plasticity, firm, gray, very moist, petroleum-like odor	17.00
18	- trace fine sands, olive green to gray at 16.0ft BGS	19.00
20	SP-SANDS, fine grained, trace clays, poorly graded, loose to compact, gray, saturated, petroleum-like odor	
22	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, gray, very moist, slight petroleum-like odor	
24	- moist, no odor at 21.0ft BGS	24.80
	SP-SANDS, fine grained, poorly graded, loose, gray, moist	25.00
26	END OF BOREHOLE @ 25.0ft BGS	
28	NOTE: 18-20' INTERVAL TESTED POSITIVE FOR PRODUCT USING SUDAN IV JAR TEST	
30		
32		
34		



WELL DETAILS
Screened interval:
10.00 to 20.00ft BGS
Length: 10ft
Diameter: 2in
Slot Size: 0.010
Material: PVC
Sand Pack:
8.00 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -041				6.3
1HSA		70		2.2
				5.9
				1.2
2HSA		10		
8-10' -042				1.2
				1.1
3HSA 12-14' -043		85		2.3
				26.0
				30.2
4HSA		95		
18-20' -044				163
				5.4
5HSA		85		
				2.6
				1.8

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: TMW70-08
DATE COMPLETED: March 5, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: M. CORAM

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEMP MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE (FILL), gravels, sands, black, moist	0.66						0.0
2	SM-SILTY SANDS, fine grained, some clays, brown, moist			1GP		100		
4		4.50	▽	4-6' BH70-08				0.0
	SC-SANDS/CLAYS, trace fine gravels, medium plasticity, black, moist to very moist	5.50						
6	SM-SILTY SANDS, fine grained, some clays, brown, moist	6.00						
	CH-CLAYS, trace fine gravels, medium plasticity, medium stiff, brown, moist			2GP		100		0.0
8								0.0
10								0.0
12				3GP		100		
	SP-SANDS, trace fine gravels, medium to fine grained, brown, moist	13.00						0.0
14		15.00						0.0
	END OF BOREHOLE @ 15.0ft BGS							
16			WELL DETAILS Screened interval: 3.00 to 8.00ft BGS Length: 5ft					
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽
CHEMICAL ANALYSIS ⬭

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: TMW71-08
DATE COMPLETED: March 6, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: M. CORAM

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEMP MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.66						0.0
2	GC-GRAVELS, with clays, some sands, medium to fine grained (FILL), brown, moist	2.25		1GP		90		0.0
4	CL-CLAYS, trace fine gravels, trace sands, moderate plasticity, moderately stiff, brown, moist	4.66		4-6' BH71-08				0.0
6	SP-SANDS, medium to fine grained, trace gravels, black/brown, moist to very moist, black staining	6.00						0.0
8	CH-CLAYS, trace fine gravels, moderate plasticity, stiff, brown/gray mottled, moist			2GP				0.0
10								0.0
12	SP-SANDS, brown, medium to fine grained, moist - 2' clay turns gray at 13.0ft BGS	11.00		3GP		100		0.0
14								0.0
16	END OF BOREHOLE @ 15.0ft BGS	15.00						
18								
20								
22								
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
3.00 to 8.00ft BGS
Length: 5ft

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH72-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE							
2	SP-SANDS, fine grained, with coarse grained, trace fine to coarse gravels, poorly graded, loose, brown, moist	0.75		0-2' -051				0.0
4				1DP		75		0.0
6	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, moist	4.50	2" BOREHOLE					0.1
8	SP-SANDS, fine grained, trace fine to coarse gravels, poorly graded, loose, black, moist	7.25		2DP		80		8.5
10	Cl-CLAYS, with sands, fine grained, poorly graded, moderate plasticity, soft to firm, brown, moist - firm, olive green, mottled, petroleum-like odor at 10.0ft BGS - soft to firm at 11.0ft BGS	8.50		8-10' -052				1.5
12								35.5
14	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, firm to stiff, brown, moist, slight petroleum-like odor, slightly mottled - stiff to very stiff, no odor at 15.0ft BGS	13.00		3DP 12-14' -053		90		61.8
16								4.2
18				4DP		95		1.1
20	END OF BOREHOLE @ 20.0ft BGS NOTE: 12-14' INTERVAL TESTED POSITIVE FOR PRODUCT USING SUDAN IV JAR TEST	20.00						1.2
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH73-08
DATE COMPLETED: March 14, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50		0-2' -066				0.0
2	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity ,firm, brown, moist			1DP		80		0.0
4			2" BOREHOLE					0.0
6								0.0
8				2DP		90		0.0
8	- soft to firm at 8.8ft BGS			8-10' -067				0.0
10	- firm at 10.0ft BGS							0.0
12	- increase in sands, no gravels, soft to firm at 12.0ft BGS			11-13' -068 3DP		75		0.0
14	SP-SANDS, fine grained, trace coarse grained and fine gravels, poorly graded, loose to compact, brown, saturated	13.00						0.0
16	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, brown, moist	15.00						0.0
18	- gray at 18.3ft BGS			4DP		90		0.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						0.0
22	NOTE: 11-13' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

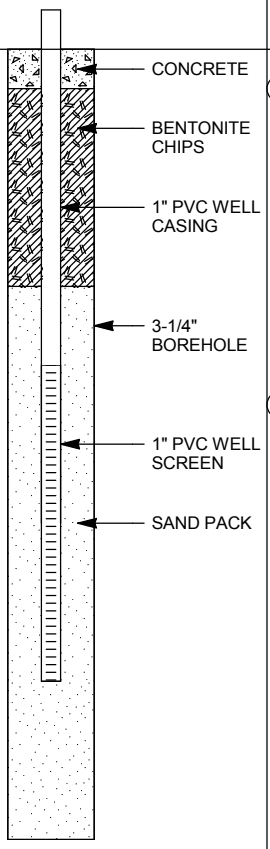
STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW74-08
DATE COMPLETED: March 14, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CONCRETE	
2	SP-SANDS, fine grained, trace coarse grained and fine gravels, poorly graded, loose, brown, moist	2.00
4		
6		
8	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, firm, brown, moist	7.75
10	SP-SANDS, fine grained, trace coarse grained and fine gravels, poorly graded, loose, brown, saturated	10.00 11.00
12	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, very moist	12.00 12.75
14	SP-SANDS, fine grained, trace coarse grained and fine gravels, poorly graded, loose, brown, saturated	13.00
	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, very moist	15.00
16	SP-SANDS, fine grained, trace coarse grained and fine gravels, trace clays, poorly graded, loose, brown, saturated	
18	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, moist to very moist	
20	- moist at 18.0ft BGS	
	END OF BOREHOLE @ 20.0ft BGS	20.00
22	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
24		
26		
28		
30		
32		
34		

MONITORING WELL



WELL DETAILS
Screened interval:
8.00 to 16.00ft BGS
Length: 8ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
6.00 to 20.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -063				0.0
1DP		95		0.0
				0.0
2DP		80		0.0
8-10' -065				8.4
				0.0
3DP		80		1.4
				7.1
4DP		95		4.4
				2.1

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH75-08
DATE COMPLETED: March 12, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE			0-2' -036				0.0
2	SP-SANDS, fine grained, with coarse sands and fine gravels, trace coarse gravels, poorly graded, loose, brown, moist	1.20		1DP		85		0.0
4	CONCRETE AND CONCRETE DEBRIS	4.50	2" BOREHOLE					0.0
6	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	5.50						0.0
8				2DP		60		0.0
10	- moist to very moist at 9.5ft BGS			8-10' -037				0.6
12	CH-CLAYS, trace fine to medium sands and fine gravels, poorly graded, high plasticity, soft to firm, brown, moist to very moist - firm at 11.0ft BGS - no gravels, firm to stiff at 12.5ft BGS	10.00		3DP		70		0.3
14								0.3
16	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist to very moist	16.00						0.2
18	SP-SANDS, fine grained, with coarse sands and fine to coarse gravels, trace coarse gravels, poorly graded, loose to compact, brown, moist	17.00		4DP		60		0.0
20	- moist to very moist at 19.5ft BGS	20.00						0.0
22	END OF BOREHOLE @ 20.0ft BGS NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH76-08
DATE COMPLETED: March 11, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50		0-2' -016				0.0
	SP-SANDS, fine grained, with fine to coarse gravels, poorly graded, loose, brown, moist	1.25						
2	CL-SANDY CLAYS, fine grained, with fine to coarse gravels, poorly graded, low plasticity, firm to stiff, brown, moist			1DP		85		0.0
4	- concrete debris at 3.8ft BGS							
	- no concrete debris, trace coarse gravels at 4.0ft BGS		2" BOREHOLE					0.0
6								
				2DP		80		1.7
8	- with fine sands, trace coarse sands and fine gravels, stiff at 8.0ft BGS			8-10' -017				2.4
10								
								1.3
12				3DP		100		0.8
14								
								0.6
16				15.5-17.5' -018				0.4
		17.50		4DP		70		
18	SP-SANDS, fine grained, with medium to coarse grained and fine gravels, poorly graded, loose to compact, brown, very moist	19.00						0.1
20	CL-CLAYS, with sands, fine grained, poorly graded, low plasticity, firm, brown, moist to very moist							
								0.0
22				5DP		75		0.0
		23.50						
24	SP-SANDS, medium grained, with fine and coarse grained and fine gravels, poorly graded, loose, brown, saturated	24.00						
		25.00						
26	CL-CLAYS, with sands, fine grained, poorly graded, low plasticity, firm, gray, moist to very moist							
	END OF BOREHOLE @ 25.0ft BGS							
28	NOTE: 15.5-17.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH77-08
DATE COMPLETED: March 11, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50		0-2' -019				0.9
	SW/GW-SANDS AND GRAVELS, fine to medium sands, fine to coarse gravels, moderately graded, loose, brown, moist	1.50		1DP		85		5.0
2	- with asphalt debris at 1.0ft BGS							
	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, firm to stiff, brown, moist		2" BOREHOLE					0.5
4								
6	- stiff to very stiff at 6.0ft BGS							1.0
				2DP		95		
8				8-10' -020 -021				0.7
	- with fine and coarse sands, trace fine to coarse gravels at 9.0ft BGS							
10								0.6
12				3DP		100		0.5
14								0.5
16	- trace fine sands and fine gravels, stiff, gray at 16.0ft BGS							
18				4DP		95		0.2
								0.1
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: MW78-08
DATE COMPLETED: March 11, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50	CONCRETE	0-2' -024 -025				0.4
2	SP-SANDS, with gravels, fine sands, fine to coarse gravels, poorly graded, loose, brown, moist		BENTONITE CHIPS	1DP		70		0.3
4	- trace fine to coarse gravels at 4.5ft BGS		1" PVC WELL CASING					0.4
6								0.2
8	- trace fine gravels and clays at 7.5ft BGS - no clays at 9.0ft BGS		3-1/4" BOREHOLE	2DP		55		0.1
10	- trace medium sands and fine gravels, saturated at 10.0ft BGS		1" PVC WELL CASING	8-10' -026				0.2
12	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, stiff to very stiff, brown, moist, mottled	11.75	SAND PACK	3DP		85		3.5
14	- trace fine and coarse sands and fine gravels, not mottled at 15.0ft BGS							0.6
16	- no gravels at 17.0ft BGS							0.4
18				4DP		100		0.3
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

WELL DETAILS
Screened interval:
8.00 to 13.00ft BGS
Length: 5ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
6.00 to 20.00ft BGS
Material: SANDS

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH79-08
DATE COMPLETED: March 11, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.75	2" BOREHOLE	0-2' -027				0.9
2	SP-SANDS, fine grained, trace coarse sands and fine gravels, poorly graded, loose, brown, moist			1DP		85		1.0
4								0.6
6								0.8
8	- with coarse sands and fine gravels at 7.8ft BGS			2DP		70		
	- trace asphalt debris at 8.3ft BGS	9.00		8-10' -028				4.4
10	CL-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, low plasticity, firm, dark brown to black, moist, slight petroleum-like odor							16.3
12	- trace fine to coarse gravels, stiff, brown, mottled at 10.0ft BGS			3DP 12-14' -029		100		44.0
14	- no mottled, no odor at 15.0ft BGS							2.2
16								0.6
18	- no gravels at 18.0ft BGS			4DP		100		0.4
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 12-14' INTERVAL TESTED POSITIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: TMW80-08
DATE COMPLETED: March 5, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: M. CORAM

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEMP MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE (FILL), GC, GRAVELS, sands, clays, brown, moist	0.50						0.1
2	CL-CLAYS, trace fine gravels, medium plasticity, brown, moist			1GP		90		
4								
4			▽	4-6' BH80-08				0.6
6	0.5' SC-SANDS/CLAYS, trace fine gravels, medium plasticity, clays, black, moist	5.50 6.00						
6	CH-CLAYS, trace fine gravels, stiff, brown, moist			2GP		100		0.0
8								
10								0.0
12				3GP		100		0.0
14								0.0
15	END OF BOREHOLE @ 15.0ft BGS	15.00						0.0
16			WELL DETAILS Screened interval: 4.00 to 9.00ft BGS Length: 5ft					
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽
CHEMICAL ANALYSIS ⬭

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: TMW81-08
DATE COMPLETED: March 5, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: M. CORAM

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEMP MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	GC-GRAVELS, medium sized, dark brown, moist	0.66						0.0
2	CI-CLAYS, trace fine gravels, medium plasticity, medium stiff, brown/gray mottled, moist			1GP		90		
4		5.00	▽	4-6' BH81-08				0.0
6	SC-SANDS/CLAYS, trace fine gravels, medium plasticity, black, moist	5.50						
8	CH-CLAYS, trace fine gravels, medium plasticity, medium stiff, gray, moist			2GP		10		0.0
10								0.0
12				3GP		100		0.0
14								0.0
16	END OF BOREHOLE @ 15.0ft BGS	15.00						0.0
18			WELL DETAILS Screened interval: 2.00 to 7.00ft BGS Length: 5ft					
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽
CHEMICAL ANALYSIS ⬭

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH82-08
DATE COMPLETED: March 12, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50		0-2' -033				0.0
2	CL-SANDY CLAYS, fine grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist			1DP		95		0.3
4	- firm to stiff at 4.0ft BGS		2" BOREHOLE					0.0
6	- very stiff at 6.5ft BGS							0.0
8				2DP		100		
10				8-10' -034 -035				0.3
12	- trace coarse sands and fine gravels at 11.0ft BGS			3DP		100		0.1
14	- gray at 15.0ft BGS							0.0
16								0.0
18	SP-SANDS, fine grained, trace coarse grained and fine gravels, poorly graded, loose to compact, brown, moist	17.50		4DP		90		0.0
20	- trace coarse grained and fine to coarse gravels at 17.8ft BGS - trace clays at 18.0ft BGS - no clays or coarse gravels at 18.5ft BGS	20.00						0.1
22	END OF BOREHOLE @ 20.0ft BGS							
24	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH83-08
DATE COMPLETED: March 12, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50		0-2' -030				1.7
	CL-SANDY CLAYS, fine grained, trace coarse grained, poorly graded, low plasticity, firm, brown, moist	1.50		1DP		70		1.9
2	SP-SANDS, fine grained, trace medium to coarse grained, poorly graded, loose, brown, moist							
4			2" BOREHOLE					2.0
6								0.5
8	CH-CLAYS, trace fine to medium sands and coarse gravels, poorly graded, high plasticity, soft to firm, brown, moist, mottled	7.75		2DP		70		
		9.50		8-10' -031				0.7
10	SP-SANDS, fine grained, poorly graded, loose, black, moist	9.75						
	CI-CLAYS, with sands, fine grained, poorly graded, low to moderate plasticity, firm, dark brown to black, moist			10-12' -032				0.9
12	- moderate plasticity, gray, mottled at 11.0ft BGS	12.00		3DP		80		0.5
		13.25						
14	CL-SANDY CLAYS, fine grained, trace medium grained, poorly graded, low plasticity, soft, gray, saturated							0.9
16	CI-CLAYS, trace fine to coarse sands and fine to coarse gravels, poorly graded, moderate plasticity, firm to stiff, brown, moist							0.4
18	- stiff at 15.0ft BGS			4DP		100		
								0.2
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 10-12' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH84-08
DATE COMPLETED: March 12, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.70		0-2' -045				0.0
2	SP-SANDS, fine grained, poorly graded, loose, black, moist			1DP		20		0.0
4	- orange brick debris at 4.0ft BGS	4.50	2" BOREHOLE					0.0
6	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist, slightly mottled							0.0
8	- with fine sands, trace coarse sands and fine gravels, stiff at 6.5ft BGS			2DP		90		0.0
10				8-10' -046				0.0
12	SP-SANDS, fine grained, trace medium grained, poorly graded, loose, brown, saturated	11.50 12.00		10-11.5' -047 -048				0.0
14	CL-CLAYS, trace fine sands and fine to coarse gravels, poorly graded, low plasticity, stiff, brown, moist			3DP		95		0.0
16								0.0
18	- stiff to very stiff, gray at 17.0ft BGS			4DP		100		0.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						0.0
22	NOTE: 10-11.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
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28								
30								
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34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH85-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE			0-2' -054				0.1
	ASPHALT DEBRIS	1.00						
2	CL-SANDY CLAYS, fine grained, trace fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist	1.50		1DP		75		1.1
4	- with fine sands, firm to stiff at 3.8ft BGS							
			2" BOREHOLE					1.3
6	- stiff, slightly mottled at 6.0ft BGS							
				2DP		85		3.0
8								
				8-10' -055				3.4
10	- very stiff at 9.5ft BGS							
	- trace fine sands and fine gravels, not mottled at 10.5ft BGS							2.2
12				3DP		100		2.1
14								
	- trace fine and coarse sands and fine to coarse gravels at 15.0ft BGS							2.2
16	- trace fine and coarse sands and fine gravels at 16.5ft BGS							0.1
				4DP		95		
18								
	- with fine sands, trace coarse sands and fine gravels, firm at 19.0ft BGS							0.6
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH86-08
DATE COMPLETED: March 12, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.75		0-2' -049				0.0
2	CL-CLAYS, with sands, fine grained, trace coarse sands and fine gravels, poorly graded, low plasticity, firm, brown, moist			1DP		85		0.0
4	SP-SANDS, fine grained, with coarse grained and fine gravels, poorly graded, loose to compact, brown, moist	3.75 4.25	2" BOREHOLE					0.0
6	CL-CLAYS, with sands, fine grained, trace coarse sands and fine gravels, poorly graded, low plasticity, firm, brown, moist							0.0
8	- stiff, mottled at 7.0ft BGS			2DP		80		0.0
	- very stiff at 8.5ft BGS			8-10' -050				0.0
10	- stiff, slightly mottled at 10.0ft BGS							0.0
12	- very stiff, no mottled at 13.0ft BGS			3DP		95		0.0
14	- gray at 15.0ft BGS							0.0
16	- firm to stiff at 17.0ft BGS							0.0
18				4DP		100		0.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: TMW87-08
DATE COMPLETED: March 6, 2008
DRILLING METHOD: GEOPROBE
FIELD PERSONNEL: M. CORAM

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEMP MONITORING WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE	0.50						0.0
	SC-SANDS, medium to fine grained, trace gravels, some clays mixed, brown			1GP				0.0
	SM-SILTY SANDS, trace gravels, some clays, fine grained, brown, moist	3.00						0.0
	SP-SANDS, medium to fine grained, trace gravels, brown, very moist	6.00						0.0
	SM-SILTY SANDS, trace gravels, some clays, fine grained, brown, moist	7.00 7.66	▽	2GP (7-9' BH87-08)				0.0
	SP-SANDS, trace gravels, trace silts, medium to fine grained, brown, moist	8.50						0.0
	CI-CLAYS, some silts, trace fine grained, low plasticity, moderately stiff, brown							0.0
				3GP				0.0
	SM-SILTY SANDS, trace gravels, trace clays, brown, moist	14.00 15.00						
	END OF BOREHOLE @ 15.0ft BGS							

WELL DETAILS
Screened interval:
6.00 to 11.00ft BGS
Length: 5ft

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE
WATER FOUND ▽
CHEMICAL ANALYSIS ⬭

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 12/12/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH88-08
DATE COMPLETED: March 11, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	CONCRETE							
	SP-SANDS, fine grained, with fine to coarse gravels, poorly graded, loose, brown, moist - trace asphalt debris, black at 1.0ft BGS	0.75		0-2' -022				0.3
2				1DP		80		0.3
4	CL-SANDY CLAYS, fine grained, with medium to coarse grained and fine gravels, poorly graded, low plasticity, firm, brown, moist - stiff, mottled at 5.0ft BGS	3.50	2" BOREHOLE					0.4
6	- with fine sands, very stiff at 7.0ft BGS							0.4
8				2DP		90		
10				8-10' -023				0.5
	- not mottled at 11.0ft BGS							0.3
12	- trace fine to coarse sands and fine gravels at 12.0ft BGS			3DP		100		0.4
14								0.2
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16	NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH89-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.75	2" BOREHOLE					3.2
	SP-SANDS, fine grained, with fine to coarse gravels, poorly graded, loose, brown, moist	1.00						
2	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, firm, brown, moist	1.50		1DP		80		3.4
4	SP-SANDS, fine grained, poorly graded, compact, black, moist	1.75						3.8
6	CL-CLAYS, with sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, stiff, brown, mottled, moist							
8				2DP		90		2.9
10								3.2
	- decrease in sands at 11.0ft BGS			10.5-12.5' -059				3.2
12		12.50		3DP		95		
	SP-SANDS, fine grained, trace clays, poorly graded, loose, brown, saturated	12.70						4.4
14	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, moist	13.20						2.9
	SP-SANDS, fine grained, trace clays, poorly graded, loose, brown, saturated	13.50						
16	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, saturated							2.1
18	- gray, moist at 14.0ft BGS			4DP		95		
								2.0
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 10.5-12.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (10.5-12.5' -059)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH90-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50						6.2
2	SP-SANDS, fine grained, with coarse grained and fine to coarse gravels, poorly graded, loose, brown, moist - trace asphalt debris at 2.5ft BGS			1DP		100		5.2
4	- concrete debris at 4.0ft BGS	4.15						
	SP-SANDS, fine grained, poorly graded, loose, brown, moist	5.00	2" BOREHOLE					5.1
6	- black at 4.5ft BGS CI-CLAYS, trace fine sands and coarse gravels, poorly graded, moderate plasticity, firm, brown, moist, mottled							5.0
8				2DP 7-9' -060		85		
	- gray at 8.8ft BGS	9.00						6.7
10	SP-SANDS, fine grained, trace clays, poorly graded, loose to compact, gray, saturated	10.00						
	CL-CLAYS, trace fine and coarse sands and fine gravels, poorly graded, low plasticity, stiff, brown, moist							4.1
12				3DP		95		3.2
14								1.9
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16	NOTE: 7-9' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS ( )

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH91-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	CONCRETE	0.50	2" BOREHOLE					1.2
2	SP-SANDS, fine grained, with coarse grained and fine to coarse gravels, poorly graded, compact, brown, moist	2.50		1DP		75		1.2
	ASPHALT DEBRIS	3.50						
4	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm to soft, gray and black, moist							2.0
6	- slight petroleum-like odor at 7.0ft BGS			6-8' -061 2DP		80		5.6
8	CL-CLAYS, trace fine and coarse sands, poorly graded, low plasticity, stiff, brown, moist, mottled	8.00						1.3
10	- trace fine and coarse sands and fine gravels, very stiff at 10.0ft BGS							0.7
12				3DP		100		0.5
14	- trace fine sands, firm, gray at 15.0ft BGS							0.2
16								0.5
18				4DP		100		0.2
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 6-8' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (6-8' -061 2DP)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH94-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
	ASPHALT	0.50						1.1
2	SP-SANDS, fine grained, with coarse grained and fine gravels, trace coarse gravels, poorly graded, loose to compact, brown, moist			1DP		100		0.8
		3.00						
4	CL-CLAYS, with fine sands, fine grained, trace coarse grained and fine gravels, poorly graded, low plasticity, firm, dark brown to black, moist	3.50						1.6
6	CH-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, high plasticity, firm, brown, moist		2" BOREHOLE					
		7.00						3.6
8	CL-CLAYS, trace fine and coarse sands and fine to coarse gravels, poorly graded, low plasticity, stiff, brown, moist, mottled			2DP		90		
	- very stiff at 8.0ft BGS							1.8
10	- trace fine and coarse sands and fine gravels, stiff, not mottled at 10.0ft BGS							1.1
12				3DP		95		0.8
14	SP-SANDS, with clays, fine grained, trace coarse grained and fine gravels, poorly graded, compact, brown, moist to very moist	14.00						
		15.00						1.4
16	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, moist							
	- trace fine to coarse sands at 16.0ft BGS	17.00						0.6
18	- very moist at 16.5ft BGS	17.25		4DP		85		
	SP-SANDS, with clays, fine grained, poorly graded, loose, brown, saturated							0.4
20	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, very moist	20.00						
	- moist at 18.5ft BGS							0.7
22	- gray at 19.0ft BGS			5DP		65		
	SP-SANDS, fine grained, poorly graded, loose, gray, saturated							0.2
24	- fine to medium grained with coarse grained, trace fine gravels at 20.5ft BGS							0.4
		25.00						
26	END OF BOREHOLE @ 25.0ft BGS							
	NOTE: 15-17' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH95-08
DATE COMPLETED: March 13, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50						
	SP-SANDS, fine grained, with coarse grained and fine to coarse gravels, poorly graded, loose, brown, moist							1.8
2				1DP		80		2.2
4	- very moist to saturated at 4.5ft BGS		2" BOREHOLE					1.8
6								4.2
8				2DP		75		3.5
10								4.1
12				3DP		30		5.2
14		14.50						6.4
	CL-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, low plasticity, firm, brown, moist							
16								2.2
18	- trace fine sands, gray at 18.0ft BGS			4DP		100		1.7
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
	NOTE: 2.5-4.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: GM VALIDATION CENTER
PROJECT NUMBER: 017322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH96-08
DATE COMPLETED: March 14, 2008
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50						0.0
2	SP-SANDS, fine grained, with coarse grained and fine to coarse gravels, poorly graded, compact, brown, moist			1DP		85		0.0
4		4.00	2" BOREHOLE					0.0
6	CI-CLAYS, trace fine to coarse sands and fine gravels, poorly graded, moderate plasticity, firm, brown, moist - stiff, slightly mottled at 6.0ft BGS							0.0
8				2DP		80		0.0
10	- no gravels, very stiff at 10.0ft BGS			8-10' -069				0.0
12		12.50		3DP		90		0.0
14	CH-CLAYS, trace fine sands, poorly graded, high plasticity, firm, brown, moist - gray at 15.0ft BGS							0.0
16								0.0
18		18.00		4DP		80		0.0
20	SP-SANDS, fine grained, trace fine gravels, poorly graded, compact, gray, moist END OF BOREHOLE @ 20.0ft BGS NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	20.00						
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/8/08

APPENDIX B

LOW FLOW PURGING AND WELL DEVELOPMENT RECORDS

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 10/23/07 and 10/24/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW15-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 10.71′ **ELEVATION:**

BOTTOM DEPTH: 13.41′ **ELEVATION:**

WATER COLUMN LENGTH: 2.7′

SCREENED INTERVAL: 9– 14′ bgs

WELL VOLUME: ~ 0.1 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*		*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.1	0.1	0.1	0.1		0.5
FIELD pH:		6.70	6.68	6.68	6.67		
FIELD TEMPERATURE:	Celcius	17.74	17.72	17.72	17.59		
FIELD CONDUCTIVITY:	mS/cm	11.74	12.04	12.12	12.22		
CLARITY/TURBIDITY VALUES:	NTU	14.6	6.17	5.61	4.88		
COLOR:							
ODOR:							
COMMENTS:		Purged 0.5 gal on 10/23/08. Setup for low flow development and well drawing down at 100mL/min. All parameters stable - well developed.					~ 1.0 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 10/23/07 and 10/24/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW17-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 6.25′ **ELEVATION:**

BOTTOM DEPTH: 9.77′ **ELEVATION:**

WATER COLUMN LENGTH: 3.52′

SCREENED INTERVAL: 3 – 10 bgs

WELL VOLUME: ~ 0.14 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.14	0.14	0.14	0.14	0.14	0.5
FIELD pH:		7.51	7.48	Dry	Dry	7.40	
FIELD TEMPERATURE:	Celcius	17.55	17.86	Dry	Dry	17.58	
FIELD CONDUCTIVITY:	mS/cm	0.780	0.777	Dry	Dry	0.773	
CLARITY/TURBIDITY VALUES:	NTU	173	385	Dry	Dry	497	
COLOR:							
ODOR:							
COMMENTS:		Purged 0.5 gal on 10/23/08. Setup for low flow development and well drawing down at 250mL/min. Purged well dry.					~ 1.0 gal in total

COPIES TO:

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WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 10/23/07 – 10/25/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW17-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 6.68′ **ELEVATION:**

BOTTOM DEPTH: 9.72′ **ELEVATION:**

WATER COLUMN LENGTH: 3.04′

SCREENED INTERVAL: 3 – 10′ bgs

WELL VOLUME: ~ 0.12 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.14	0.14	0.14			0.5
FIELD pH:		7.42	7.29	Dry			
FIELD TEMPERATURE:	Celcius	17.33	17.73	Dry			
FIELD CONDUCTIVITY:	mS/cm	0.816	0.814	Dry			
CLARITY/TURBIDITY VALUES:	NTU	70.1	78.0	Dry			
COLOR:							
ODOR:							
COMMENTS:		Purged 0.5 gal on 10/23/08 and 0.5 gal on 10/24/08. Setup for low flow development and well drawing down at 300mL/min. Purged well dry.					~ 1.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 10/23/07 and 10/24/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW19-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 10.30′ **ELEVATION:**

BOTTOM DEPTH: 12.80′ **ELEVATION:**

WATER COLUMN LENGTH: 2.5′

SCREENED INTERVAL: 8– 13 bgs

WELL VOLUME: ~ 0.1 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*		*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.1	0.1	0.1	0.1		0.5
FIELD pH:		7.18	Dry	7.21	Dry		
FIELD TEMPERATURE:	Celcius	19.04	Dry	19.02	Dry		
FIELD CONDUCTIVITY:	mS/cm	2.17	Dry	2.22	Dry		
CLARITY/TURBIDITY VALUES:	NTU	55.0	Dry	54.7	Dry		
COLOR:							
ODOR:							
COMMENTS:		Purged 0.25 gal on 10/23/08. Setup for low flow development and well drawing down at 250mL/min. Purged well dry.					~ 0.75 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 10/23/07 - 10/25/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW19-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 10.32′ **ELEVATION:**

BOTTOM DEPTH: 12.80′ **ELEVATION:**

WATER COLUMN LENGTH: 2.5′

SCREENED INTERVAL: 8– 13 bgs

WELL VOLUME: ~ 0.1 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*		*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.1	0.1				0.5
FIELD pH:		7.28	Dry				
FIELD TEMPERATURE:	Celcius	19.15	Dry				
FIELD CONDUCTIVITY:	mS/cm	1.90	Dry				
CLARITY/TURBIDITY VALUES:	NTU	41.6	Dry				
COLOR:							
ODOR:							
COMMENTS:		Purged 0.25 gal on 10/23/08 and 0.5 gal on 10/24/08. Setup for low flow development and well drawing down at 250mL/min. Purged well dry.					~ 1.25 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW21-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 18.07′ **ELEVATION:**

BOTTOM DEPTH: 19.89′ **ELEVATION:**

WATER COLUMN LENGTH: 1.82′

SCREENED INTERVAL: 10.5 – 20.5′ bgs

WELL VOLUME: ~ 0.073 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*					*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.073					
FIELD pH:		9.09					
FIELD TEMPERATURE:	Celcius	8.21					
FIELD CONDUCTIVITY:	mS/cm	166					
CLARITY/TURBIDITY VALUES:	NTU	42.5					
COLOR:							
ODOR:							
COMMENTS:		Purged 0.25 gallons on 12/11/07. Well dry.					~ 0.125 to 0.25 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW27-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: Dry **ELEVATION:**

BOTTOM DEPTH: 12.98′ **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 10.5 – 20.5′ bgs

WELL VOLUME:

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*					*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	Dry					
FIELD pH:							
FIELD TEMPERATURE:	Celcius						
FIELD CONDUCTIVITY:	mS/cm						
CLARITY/TURBIDITY VALUES:	NTU						
COLOR:							
ODOR:							
COMMENTS:		Well dry. Could not develop.					

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW28-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: Dry **ELEVATION:**

BOTTOM DEPTH: **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL:

WELL VOLUME:

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*					*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	Dry					
FIELD pH:							
FIELD TEMPERATURE:	Celcius						
FIELD CONDUCTIVITY:	mS/cm						
CLARITY/TURBIDITY VALUES:	NTU						
COLOR:							
ODOR:							
COMMENTS:		Well dry. Could not develop.					

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW32-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 11.24′ **ELEVATION:**

BOTTOM DEPTH: 18.54′ **ELEVATION:**

WATER COLUMN LENGTH: 7.30′

SCREENED INTERVAL: 9 – 19′ bgs

WELL VOLUME: ~ 0.29 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.29	0.29	Dry			1.0
FIELD pH:		8.33	8.08				
FIELD TEMPERATURE:	Celcius	11.48	13.09				
FIELD CONDUCTIVITY:	mS/cm	388	498				
CLARITY/TURBIDITY VALUES:	NTU	37.2	61.1				
COLOR:							
ODOR:							
COMMENTS:		Purged 1.5 gal on 12/11/07. Setup for low flow development and well drawing down at 100mL/min. Increased flow to 300mL/min. Lowered tubing and purged well dry.					~ 2.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW33-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 17.61′ **ELEVATION:**

BOTTOM DEPTH: 20.00′ **ELEVATION:**

WATER COLUMN LENGTH: 2.39′

SCREENED INTERVAL: 10.5 – 20.5′ bgs

WELL VOLUME: ~ 0.10 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.10	Dry – lower tubing to 1′ from bottom	0.10			0.25
FIELD pH:		7.35		7.17			
FIELD TEMPERATURE:	Celcius	10.30		11.62			
FIELD CONDUCTIVITY:	mS/cm	74.32		86.50			
CLARITY/TURBIDITY VALUES:	NTU	183		169			
COLOR:							
ODOR:							
COMMENTS:		Purged 0.25 gal on 12/11/07. Setup for low flow development and well drawing down at 250mL/min. Lowered tubing and purged well dry.					~ 0.50 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW34-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 7.07′ **ELEVATION:**

BOTTOM DEPTH: 15.48′ **ELEVATION:**

WATER COLUMN LENGTH: 8.41′

SCREENED INTERVAL: 11– 16′ bgs

WELL VOLUME: ~ 0.34 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.34	0.34	Dry			1.5
FIELD pH:		6.98	6.91				
FIELD TEMPERATURE:	Celcius	11.28	11.70				
FIELD CONDUCTIVITY:	mS/cm	3004	3012				
CLARITY/TURBIDITY VALUES:	NTU	36.4	37.1				
COLOR:							
ODOR:							
COMMENTS:		Purged ~ 1.0 gals on 12/11/07. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min and collect 3 volumes. Lowered tubing and purged well dry.					~ 2.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW35-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 6.34′ **ELEVATION:**

BOTTOM DEPTH: 10.64′ **ELEVATION:**

WATER COLUMN LENGTH: 4.30′

SCREENED INTERVAL: 6 – 11′ bgs

WELL VOLUME: ~ 0.17 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.17	0.17	Dry			0.5
FIELD pH:		11.53	11.43				
FIELD TEMPERATURE:	Celcius	10.28	10.83				
FIELD CONDUCTIVITY:	mS/cm	2209	2579				
CLARITY/TURBIDITY VALUES:	NTU	193	461				
COLOR:							
ODOR:							
COMMENTS:		Purged ~ 0.25 gal on 12/11/07. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min and collect 3 volumes. Lowered tubing and purged well dry.					~ 0.75 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW37-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 18.36′ **ELEVATION:**

BOTTOM DEPTH: - **ELEVATION:**

WATER COLUMN LENGTH: -

SCREENED INTERVAL: 12.5 – 25.5′ bgs

WELL VOLUME: ~ 0.5 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*6*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.5	0.5	0.5	0.5	0.5	0.5	3.0
FIELD pH:		-	8.90	8.79	8.56	8.42	8.39	
FIELD TEMPERATURE:	Celcius	-	12.71	12.92	13.25	13.28	13.38	
FIELD CONDUCTIVITY:	mS/cm	-	2057	2143	2300	2379	2445	
CLARITY/TURBIDITY VALUES:	NTU	183	15.8	2.66	0.42	1.62	0.69	
COLOR:								
ODOR:								
COMMENTS:		Purged ~ 3.5 gal on 12/11/07. Setup for low flow development and well drawing down at 150mL/min. All parameters stable – well developed.						6.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW38-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 10.02 **ELEVATION:**

BOTTOM DEPTH: 13.40′ **ELEVATION:**

WATER COLUMN LENGTH: 3.38′

SCREENED INTERVAL: 9.5 – 14.5′ bgs

WELL VOLUME: ~ 0.14 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*6*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.14	Dry					0.5
FIELD pH:		7.53						
FIELD TEMPERATURE:	Celcius	11.06						
FIELD CONDUCTIVITY:	mS/cm	1217						
CLARITY/TURBIDITY VALUES:	NTU	194						
COLOR:								
ODOR:								
COMMENTS:		Purged ~ 0.25 gal on 12/11/07. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min and collect 3 volumes. Lowered tubing and purged well dry.						~ 0.75 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW38-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 10.02′ **ELEVATION:**

BOTTOM DEPTH: 13.40′ **ELEVATION:**

WATER COLUMN LENGTH: 3.38′

SCREENED INTERVAL: 9.5 – 14.5′ bgs

WELL VOLUME: ~ 0.14 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*6*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.14	Dry					0.5
FIELD pH:		7.53						
FIELD TEMPERATURE:	Celcius	11.06						
FIELD CONDUCTIVITY:	mS/cm	1217						
CLARITY/TURBIDITY VALUES:	NTU	194						
COLOR:								
ODOR:								
COMMENTS:		Purged ~ 0.25gal on 12/11/07. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min and collect 3 volumes. Lowered tubing and purged well dry.						~ 0.75 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/11/07 and 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW40-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 8.65′ **ELEVATION:**

BOTTOM DEPTH: **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 11 – 16′ bgs

WELL VOLUME: ~ 0.14 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*6*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL			Dry				
FIELD pH:		7.35	7.57					
FIELD TEMPERATURE:	Celcius	13.11	14.22					
FIELD CONDUCTIVITY:	mS/cm	4409	4798					
CLARITY/TURBIDITY VALUES:	NTU	17.2	25.7					
COLOR:								
ODOR:								
COMMENTS:		Purged ~ 1gal on 12/11/07. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 300mL/min and collect 3 volumes. Lowered tubing and purged well dry.						~ 1 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW43-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: **ELEVATION:**

BOTTOM DEPTH: **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 7 – 15′ bgs

WELL VOLUME:

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*6*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	Dry						
FIELD pH:								
FIELD TEMPERATURE:	Celcius							
FIELD CONDUCTIVITY:	mS/cm							
CLARITY/TURBIDITY VALUES:	NTU							
COLOR:								
ODOR:								
COMMENTS:		Well dry. Cannot develop well.						

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 12/12/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW46-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: **ELEVATION:**

BOTTOM DEPTH: **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 5 – 15′ bgs

WELL VOLUME:

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*6*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL							
FIELD pH:								
FIELD TEMPERATURE:	Celcius							
FIELD CONDUCTIVITY:	mS/cm							
CLARITY/TURBIDITY VALUES:	NTU							
COLOR:								
ODOR:								
COMMENTS:		Cannot locate						

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW48-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 3.54′ **ELEVATION:**

BOTTOM DEPTH: 14.72′ **ELEVATION:**

WATER COLUMN LENGTH: 11.18′

SCREENED INTERVAL: 5 – 15′ bgs

WELL VOLUME: ~ 0.45 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*	*4*	*5*	*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.35	0.35	0.35	0.35	0.35	1.75
FIELD pH:		7.68	7.75	7.79	7.80	7.82	
FIELD TEMPERATURE:	Celcius	6.82	6.83	6.83	6.67	6.84	
FIELD CONDUCTIVITY:	mS/cm	4.44	4.48	4.47	4.50	4.52	
CLARITY/TURBIDITY VALUES:	NTU	14.8	11.9	8.53	4.85	4.40	
COLOR:		Clear	Clear	Clear	Clear	Clear	
ODOR:		No odour present					
COMMENTS:		All parameters stable – well developed.					

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08 and 3/20/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW63-08

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 7.16′ **ELEVATION:**

BOTTOM DEPTH: 13.94′ **ELEVATION:**

WATER COLUMN LENGTH: 6.78′

SCREENED INTERVAL: 9.5 – 15.5′ bgs

WELL VOLUME: ~ 0.27 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.27					0.75
FIELD pH:		7.52					
FIELD TEMPERATURE:	Celcius	7.79					
FIELD CONDUCTIVITY:	mS/cm	2.04					
CLARITY/TURBIDITY VALUES:	NTU	104					
COLOR:		Cloudy					
ODOR:		No odour present					
COMMENTS:		Purged ~0.75 gal on 3/17/08. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min collect 3 well volumes but well went dry.					~ 1.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08 and 3/20/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW64-08

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 8.46′ **ELEVATION:**

BOTTOM DEPTH: 13.75′ **ELEVATION:**

WATER COLUMN LENGTH: 5.29′

SCREENED INTERVAL: 9.5 – 14.5′ bgs

WELL VOLUME: ~ 0.21 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.21	0.42				0.75
FIELD pH:		9.07	10.33				
FIELD TEMPERATURE:	Celcius	7.65	7.51				
FIELD CONDUCTIVITY:	mS/cm	0.996	1.178				
CLARITY/TURBIDITY VALUES:	NTU	74.1	20.3				
COLOR:		Slightly cloudy	Clear				
ODOR:		No odour present					
COMMENTS:		Purged ~ 0.75 gal on 3/17/08. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min and try to collect 3 volumes but well went dry.					~ 1.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08 and 3/20/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW68-08

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 12.92′ **ELEVATION:**

BOTTOM DEPTH: 18.11′ **ELEVATION:**

WATER COLUMN LENGTH: 5.19′

SCREENED INTERVAL: 9 – 19′ bgs

WELL VOLUME: ~ 0.21 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.21					0.5
FIELD pH:		8.61					
FIELD TEMPERATURE:	Celcius	8.07					
FIELD CONDUCTIVITY:	mS/cm	0.778					
CLARITY/TURBIDITY VALUES:	NTU	81.20					
COLOR:		Slightly cloudy					
ODOR:		No odour present					
COMMENTS:		Purged ~ 0.75 gal on 3/17/08. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min. to collect 3 volumes but well went dry. Lowered tubing and purged dry.					~ 1.25 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW69-08

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 15.20′ **ELEVATION:**

BOTTOM DEPTH: Did not collect **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 10 – 20′ bgs

WELL VOLUME:

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL						
FIELD pH:							
FIELD TEMPERATURE:	Celcius						
FIELD CONDUCTIVITY:	mS/cm						
CLARITY/TURBIDITY VALUES:	NTU						
COLOR:							
ODOR:							
COMMENTS:		Will not collect due to presence of fire product, LNAPL.					

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08 and 3/20/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW74-08

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 12.20′ **ELEVATION:**

BOTTOM DEPTH: 14.87′ **ELEVATION:**

WATER COLUMN LENGTH: 2.67′

SCREENED INTERVAL: 8 – 16′ bgs

WELL VOLUME: ~ 0.11 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.11					0.30
FIELD pH:		8.35					
FIELD TEMPERATURE:	Celcius	8.28					
FIELD CONDUCTIVITY:	mS/cm	1.355					
CLARITY/TURBIDITY VALUES:	NTU	439					
COLOR:		Brown					
ODOR:		No odour present					
COMMENTS:		Purged ~ 0.5 gal on 3/17/08. Setup for low flow development and well drawing down at 100mL/min. Increase flow to 250mL/min to collect 3 volumes but the well went dry. Lowered tubing and purged dry.					~ 0.8 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation **PROJECT NO.:** 17322

DATE OF WELL DEVELOPMENT: 3/17/08 and 3/20/08

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW78-08

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 9.75′ **ELEVATION:**

BOTTOM DEPTH: 12.65′ **ELEVATION:**

WATER COLUMN LENGTH: 2.90′

SCREENED INTERVAL: 8 – 13′ bgs

WELL VOLUME: ~ 0.12 gallons

Note: For 1-inch diameter well: 1 foot = 0.04 US gallons
For 0.75-inch diameter well: 1 foot = 0.023 US gallons
For 4-inch diameter well: 1 foot = 0.70 US gallons

	UNITS	*1*	*2*	*3*			*TOTAL/ AVERAGE*
VOLUME PURGED (volume/total volume):	GAL	0.12					0.3
FIELD pH:		7.79					
FIELD TEMPERATURE:	Celcius	7.42					
FIELD CONDUCTIVITY:	mS/cm	1.356					
CLARITY/TURBIDITY VALUES:	NTU	586					
COLOR:		Brown					
ODOR:		No odour present					
COMMENTS:		Purged ~ 0.25 on 3/17/08. Setup for low flow development and well drawing down at 100mL/min. Increase flow to collect 3 well volumes but well went dry					~ 0.55 gal in total

COPIES TO:

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: November 26, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW15-07**
Measurement Point: TOR
Constructed Well Depth (ft): 14.00
Measured Well Depth (ft): 13.40
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 11.40
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 10.97

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level*[2] *(ft)*	*pH*	*Temperature* ^{o}C	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
15:05	100	11.01	0.04	6.70	11.67	11.22	-11	0.48	2.22
15:10	100	11.01	0.04	6.66	11.13	11.31	-17	0.5	1.30
15:15	100	11.01	0.04	6.63	10.78	11.27	-25	0.51	1.14
15:20	100	11.01	0.04	6.60	11.14	11.36	-30	0.47	0.84
15:25	100	11.01	0.04	6.58	11.22	11.3	-32	0.45	0.78
	sample ID: GW-17322-112707-CB-005 @ 1530 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	sample ID: GW-17322-112707-CB-006 @ 1600 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide (DUPLICATE FOR -005)								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: November 27, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW17-07**
Measurement Point: TOR
Constructed Well Depth (ft): 10.00
Measured Well Depth (ft): 9.77
Depth of Sediment (ft):
Screen Length (ft): 7
Depth to Pump Intake (ft)[1]: 7.77
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.28
Initial Depth to Water (ft): 6.97

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)* [2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
13:00	250	7.57	0.60	7.87	10.28	0.759	-47	1.25	307.0
13:04	250	8.11	1.14	7.73	11.75	0.728	-67	0.79	92.1
13:06	dry-lower tubing and purge completely								
11/27/08	sample ID: GW-17322-112707-CB-001 @ 915 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	Note: intial DTW: 6.10' and turbidity of 39.5								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: November 26, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW19-07**
Measurement Point: TOR
Constructed Well Depth (ft): 13.00
Measured Well Depth (ft): 12.78
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 11.78
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 10.48

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
11:21	250	11.20	0.72	6.25	9.37	4.3	9	1.98	13.2
11:25	250	11.60	1.12	6.87	10.62	3.45	-32	2.12	8.6
11:28	well dry-lower tubing and purge completely								
11/27/08	sample ID: GW-17322-112707-CB-003 @ 1155 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	Note: initial DTW: 10.45' and turbidity of 29.3 NTU								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: November 26, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW21-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 19.89
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 18.89
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 18.07

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level*[2] *(ft)*	*pH*	*Temperature* ^{o}C	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
WELL DRY-CANNOT COLLECT GW SAMPLE									

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: December 11, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW27-07**
Measurement Point: TOR
Constructed Well Depth (ft): 13.00
Measured Well Depth (ft): 12.98
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): DRY

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)*[2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
WELL DRY-CANNOT COLLECT GW SAMPLE									

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: November 26, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW28-07**
Measurement Point: TOR
Constructed Well Depth (ft): 20.00
Measured Well Depth (ft): 19.36
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): DRY

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)*[2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
WELL DRY-CANNOT COLLECT GW SAMPLE									

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW32-07**
Measurement Point: TOR
Constructed Well Depth (ft): 19.00
Measured Well Depth (ft): 18.34
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft) [1]: 16.34
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 9.82

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
16:35	250	11.75	1.93	8.41	12.94	389	-50.5	0.1	33.2
16:42	250	14.18	4.36	8.19	13.05	422	-43	0	25.2
16:48	well dry-lower tubing and purge completely								
1/9/08	sample ID: GW-17322-010908-CB-016 @ 1040 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	Note: initial DTW: 9.07' and turbidity of 18.2 NTU								

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW33-07**
Measurement Point: TOR
Constructed Well Depth (ft): 20.50
Measured Well Depth (ft): 19.81
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 17.81
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 17.17

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
14:50	250	17.51	0.34	10.99	13.81	2724	-147	0.02	33.9
14:52	well dry-lower tubing and purge completely								
1/8/08	sample ID: GW-17322-010808-CB-011 @ 1040 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL metals,								
	amenable cyanide, hexavalent and trivalent chromium								
	Note: initial DTW: 16.15' and turbidity of 25.7								
	Note: collected 1L for SVOCs and 1L for PCBsas well as VOAs before well went dry. Had to come back on 1/9/08								
	to collect 1L for SVOCs, 1L for metals, cyanide and chromium.								
1/9/08	Initial DTW: 15.63' and turbidity of 13.0.								

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW34-07**
Measurement Point: TOR
Constructed Well Depth (ft): 16.00
Measured Well Depth (ft): 15.29
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 13.29
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.20
Initial Depth to Water (ft): 5.28

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
15:32	300	6.57	1.29	9.42	11.49	1201	-13	0.2	10.86
15:38	300	9.90	4.62	9.92	11.09	1136	-61.9	0.23	4.20
15:43	300	11.37	6.09	9.33	11.37	1236	-38.2	0.16	27.60
15:44	well dry-lower tubing and purge completely								
1/8/08	sample ID: GW-17322-010808-CB-013 @ 1210 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	Note: initial DTW: 6.07' and turbidity of 30.0 NTU								

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW35-07**
Measurement Point: TOR
Constructed Well Depth (ft): 11.00
Measured Well Depth (ft): 10.43
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 8.43
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 5.96

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
15:06	250	7.15	1.19	10.61	10.67	7351	-96.7	-0.07	10.94
15:11	250	7.92	1.96	10.63	10.11	6896	-97.2	-0.08	8.32
15:13	well dry-lower tubing and purge completely								
1/8/08	sample ID: GW-17322-010808-CB-012 @ 1135 for TCL VOCs, TCL SVOCs, TCL PBCs, Site specific TAL Metals,								
	amenable cyanide, hexavelent and trivalent chromium								
	Note: initial DTW: 5.91' and turbidity of 7.0 NTU								
	Note: collected VOCs and 1 amber for SVOCs and PBCs. Had to come back on 1/9/08 to collect remaining								
	sample which included metals, cyanide, chromium and 1/2 and amber for both PCBs ans SVOCs								
1/9/08	initial DTW: 5.94' and turbidity of 8.85 NTU.								

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 8, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW37-07**
Measurement Point: TOR
Constructed Well Depth (ft): 25.50
Measured Well Depth (ft):
Depth of Sediment (ft):
Screen Length (ft): 13
Depth to Pump Intake (ft)[1]: 2' off bottom
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): 0.52
Initial Depth to Water (ft): 17.99

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level (ft)*[2]	*pH*	*Temperature °C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
10:50	150	18.11	0.12	11.34	13.21	0.703	-114.6	-0.07	6.37
10:55	150	18.11	0.12	11.31	13.31	0.711	-116.6	-0.04	6.39
11:00	150	18.11	0.12	11.24	13.37	0.744	-116.7	-0.04	5.78
1/8/08	sample ID: GW-17322-010808-CB-010 @ 1105 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	*MS/MSD collected at this location								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW38-07**
Measurement Point: TOC
Constructed Well Depth (ft): 14.50
Measured Well Depth (ft): 13.20
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[(1)]: 11.20
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 5.33

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[(2)] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
14:20	250	9.02	3.69	5.81	11.16	1732	89.2	0.26	5.37
14:26	250	11.17	5.84	6.30	11.70	1674	76.9	0.34	12.90
14:27	well dry-lower tubing and purge completely								
1/7/2008	Note: could not locate QSF-D form 45I f.t. cell, model 650. Calibrated unit with ph 7.0, lot #7020 (exp. 1/31/09)								
	and solution (ph 4.0 + cond. 4.49 mS/cm), lot # 52595 (exp. 5/23/08)								
1/8/08	insufficient water to collect GW sample								
1/9/08	sample ID: GW-17322-010908-CB-017 @ 1210 for TCL VOCs and Site specific TAL Metals								
	Note: initial DTW: 12.15' and turbidity of 18.20 NTU								
	VOC Ssamples - set intake 6' from bottom								

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW40-07**
Measurement Point: TOC
Constructed Well Depth (ft): 16.00
Measured Well Depth (ft): 15.22
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft) [1]: 13.22
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 7.4

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
16:00	300	9.72	2.32	7.84	12.72	5335	78.6	-0.23	10.06
16:05	300	11.95	4.55	7.40	13.20	5451	-171.4	-0.57	3.37
16:09	well dry-lower tubing and purge completely								
1/8/08	sample ID: GW-17322-010808-CB-014 @ 1345 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	sample ID: GW-17322-010808-CB-015 @ 1400 DUPLICATE for -014								
	Note: initial DTW: 6.94' and turbidity of 30.0 NTU								

Notes:
(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.
(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: January 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW43-07**
Measurement Point: TOC
Constructed Well Depth (ft): 15.00
Measured Well Depth (ft): 14.52
Depth of Sediment (ft):
Screen Length (ft): 8
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): 0.32
Initial Depth to Water (ft): DRY

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
WEIL DRY- CANNOT COLLECT GW SAMPLE									

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: December 20, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW46-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft):
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): 0.4
Initial Depth to Water (ft):

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
CANNOT LOCATE WELL									

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 8, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW48-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 14.87
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 12.87
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 3.09

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
12:20	100	3.18	0.09	-	-	-	-	-	70.10
12:30	100	3.18	0.09	6.79	10.90	5.9	-122	1.67	21.20
12:35	100	3.19	0.10	6.89	10.70	5.51	-134	1.36	11.60
12:40	100	3.19	0.10	6.96	10.50	5.24	-142	1.11	5.86
12:45	100	3.19	0.10	7.03	10.40	5.03	-149	1.07	4.65
12:50	100	3.19	0.10	7.08	10.20	4.86	-155	1.22	4.04
12:55	100	3.19	0.10	7.14	10.00	4.8	-158	1.17	3.87
4/8/2008	sample ID: GW-17322-040808-CB-006 @ 1300 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium, and amenable cyanide								
	sample ID: GW-17322-010808-CB-007 @ 1315 DUPLICATE for -006								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW63-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 14.21
Depth of Sediment (ft):
Screen Length (ft): 6
Depth to Pump Intake (ft)[1]: 13.71
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.24
Initial Depth to Water (ft): 6.32

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
11:30	100	6.61	0.31	6.69	12.80	3.52	187.00	12.66	37.30
4/7/2008	sample ID: GW-17322-040708-CB-002 @ 1130 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium, and amenable cyanide								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW64-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 14.03
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 13.53
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 7.91

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
10:17	100	8.41	0.50	5.93	13.80	1.22	163.00	9.13	39.50
4/7/2008	sample ID: GW-17322-040708-CB-001 @ 1025 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium, and amenable cyanide								
	Note: only collected 1L for SVOCs and PCBs and 3/4L for metals, all other volumes correct								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW68-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 18.41
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 17.91
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 11.52

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
15:37	100	12.29	0.77	5.93	13.80	1.22	163.00	9.13	39.50
4/7/2008	sample ID: GW-17322-040708-CB-005 @ 1025 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium, and amenable cyanide								
	Note: only collected 1L for SVOCs and PCBs, all other volumes correct								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 3, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW69-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft):
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): 0.4
Initial Depth to Water (ft): 16.44

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
4/7/2008	Waste Chavac sample:								
	sample ID: LNAPL-17322-040308-CB-001 @ 1445 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	reactive cyanide, reactive sulfide, corrosivity, ignitability, dynamic viscosity, specific gravity								
15:00	After Bailing								
	DTP =14.50', DTW = 14.80.								
	Total volume recovered: ~ 2.5 gallons								
	LNAPL - light brown to dark yellow, strong pet-like odour.								
	Started new drum, 17322-2008-006 (closed top in metal overpak) for recovered LNAPL								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW74-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 15.14
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 14.64
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 11.07

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level [2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
14:37	100	11.90	0.83	7.71	15.50	4.08	-27	12.92	142.0
4/7/2008	sample ID: LNAPL-17322-040708-CB-004 @ 1440 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium, and amenable cyanide								
	Note: only collected 1L for SVOCs and PCBs, all other volumes correct								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: April 7, 2008
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW78-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 13.93
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 13.43
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 9.47

Time	*Pumping Rate (mL/min)*	*Depth to Water (ft)*	*Drawdown from Initial Water Level[2] (ft)*	*pH*	*Temperature ^{o}C*	*Conductivity (mS/cm)*	*ORP (mV)*	*DO (mg/L)*	*Turbidity (NTU)*
13:17	100	9.86	0.39	6.86	15.20	1.77	122	14.05	120.5
13:32	Turbidity at 6.04, will start to collect metals without filtering								
4/7/2008	sample ID: LNAPL-17322-040708-CB-003 @ 1320 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium, and amenable cyanide								

Notes:

(1) The pump intake will be placed at the well screen mid-point or at a minimum of 2 ft above any sediment accumulated at the well bottom.

(2) The drawdown from the initial water level should not exceed 0.3 ft.

APPENDIX C

ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J100111

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 17, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J100111

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-100907-CB-001 10/09/07 09:00 001				
Trivalent Chromium	16.1	0.45	mg/kg	SW846 7196A
Silver	0.077 B	0.090	mg/kg	SW846 6020
Arsenic	4.1	0.090	mg/kg	SW846 6020
Antimony	0.13 B	0.18	mg/kg	SW846 6020
Thallium	0.12	0.090	mg/kg	SW846 6020
Zinc	40.5	0.90	mg/kg	SW846 6020
Mercury	0.046	0.045	mg/kg	SW846 7471A
Aluminum	8250	18.0	mg/kg	SW846 6010B
Barium	40.4 J	0.90	mg/kg	SW846 6010B
Beryllium	0.069 B	0.18	mg/kg	SW846 6010B
Calcium	7660	451	mg/kg	SW846 6010B
Cadmium	0.074 B	0.090	mg/kg	SW846 6010B
Cobalt	7.5 E	0.45	mg/kg	SW846 6010B
Chromium	16.6 E	0.45	mg/kg	SW846 6010B
Copper	12.8	0.90	mg/kg	SW846 6010B
Iron	19700	9.0	mg/kg	SW846 6010B
Potassium	1160	451	mg/kg	SW846 6010B
Magnesium	3890	90.2	mg/kg	SW846 6010B
Manganese	279	0.90	mg/kg	SW846 6010B
Nickel	16.9 E	0.90	mg/kg	SW846 6010B
Lead	15.3	0.27	mg/kg	SW846 6010B
Vanadium	20.9	0.90	mg/kg	SW846 6010B
Benzo(a)anthracene	45	7.5	ug/kg	SW846 8270C
Benzo(a)pyrene	48	7.5	ug/kg	SW846 8270C
Benzo(b)fluoranthene	58	7.5	ug/kg	SW846 8270C
Benzo(ghi)perylene	33	7.5	ug/kg	SW846 8270C
Benzo(k)fluoranthene	27	7.5	ug/kg	SW846 8270C
Chrysene	52	7.5	ug/kg	SW846 8270C
Fluoranthene	81	7.5	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	29	7.5	ug/kg	SW846 8270C
Phenanthrene	33	7.5	ug/kg	SW846 8270C
Pyrene	71	7.5	ug/kg	SW846 8270C
Hexavalent Chromium	0.54 B,J	0.90	mg/kg	SW846 7196A
Percent Solids	88.7	10.0	%	MCAWW 160.3 MOD
SO-17322-100907-CB-004 10/09/07 09:50 002				
Trivalent Chromium	27.8	0.48	mg/kg	SW846 7196A
Silver	0.12	0.096	mg/kg	SW846 6020
Arsenic	5.2	0.096	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J100111

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-100907-CB-004 10/09/07 09:50 002				
Antimony	0.11 B	0.19	mg/kg	SW846 6020
Thallium	0.19	0.096	mg/kg	SW846 6020
Zinc	44.8	0.96	mg/kg	SW846 6020
Mercury	0.034 B	0.048	mg/kg	SW846 7471A
Aluminum	17000	19.1	mg/kg	SW846 6010B
Barium	63.5 J	0.96	mg/kg	SW846 6010B
Beryllium	0.56	0.19	mg/kg	SW846 6010B
Calcium	2290	478	mg/kg	SW846 6010B
Cadmium	0.10	0.096	mg/kg	SW846 6010B
Cobalt	8.5	0.48	mg/kg	SW846 6010B
Chromium	27.8	0.48	mg/kg	SW846 6010B
Copper	25.6	0.96	mg/kg	SW846 6010B
Iron	25800	9.6	mg/kg	SW846 6010B
Potassium	1640	478	mg/kg	SW846 6010B
Magnesium	3700	95.6	mg/kg	SW846 6010B
Manganese	301	0.96	mg/kg	SW846 6010B
Sodium	1990	95.6	mg/kg	SW846 6010B
Nickel	32.8	0.96	mg/kg	SW846 6010B
Lead	10.7	0.29	mg/kg	SW846 6010B
Vanadium	27.8	0.96	mg/kg	SW846 6010B
Percent Solids	83.6	10.0	%	MCAWW 160.3 MOD
SO-17322-100907-CB-007 10/09/07 11:50 003				
Trivalent Chromium	3.7	0.49	mg/kg	SW846 7196A
Silver	0.032 B	0.098	mg/kg	SW846 6020
Arsenic	3.5	0.098	mg/kg	SW846 6020
Antimony	0.11 B	0.20	mg/kg	SW846 6020
Selenium	0.28	0.21	mg/kg	SW846 6020
Thallium	0.049 B	0.098	mg/kg	SW846 6020
Zinc	25.5	0.98	mg/kg	SW846 6020
Aluminum	2690	19.5	mg/kg	SW846 6010B
Barium	21.6 J	0.98	mg/kg	SW846 6010B
Calcium	2750	488	mg/kg	SW846 6010B
Cadmium	0.066 B	0.098	mg/kg	SW846 6010B
Cobalt	2.6	0.49	mg/kg	SW846 6010B
Chromium	4.4	0.49	mg/kg	SW846 6010B
Copper	5.0	0.98	mg/kg	SW846 6010B
Iron	8660	9.8	mg/kg	SW846 6010B
Potassium	253 B	488	mg/kg	SW846 6010B
Magnesium	941	97.6	mg/kg	SW846 6010B
Manganese	74.0	0.98	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J100111

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-100907-CB-007 10/09/07 11:50 003				
Sodium	212	97.6	mg/kg	SW846 6010B
Nickel	4.1	0.98	mg/kg	SW846 6010B
Lead	6.4	0.29	mg/kg	SW846 6010B
Vanadium	6.8	0.98	mg/kg	SW846 6010B
Chrysene	37	33	ug/kg	SW846 8270C
Fluoranthene	33	33	ug/kg	SW846 8270C
Phenanthrene	35	33	ug/kg	SW846 8270C
Pyrene	43	33	ug/kg	SW846 8270C
Acetone	24	17	ug/kg	SW846 8260B
Cyclohexane	0.73 J	8.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.72 B,J	0.98	mg/kg	SW846 7196A
Cyanide, Total	0.36	0.24	mg/kg	SW846 9012A
Percent Solids	82.0	10.0	%	MCAWW 160.3 MOD
SO-17322-100907-CB-011 10/09/07 12:45 004				
Trivalent Chromium	6.0	0.43	mg/kg	SW846 7196A
Silver	0.072 B	0.086	mg/kg	SW846 6020
Arsenic	11.1	0.086	mg/kg	SW846 6020
Antimony	0.074 B	0.17	mg/kg	SW846 6020
Selenium	0.10 B	0.18	mg/kg	SW846 6020
Thallium	0.26	0.086	mg/kg	SW846 6020
Zinc	63.4	0.86	mg/kg	SW846 6020
Mercury	0.028 B	0.043	mg/kg	SW846 7471A
Aluminum	3020	17.2	mg/kg	SW846 6010B
Barium	13.9 J	0.86	mg/kg	SW846 6010B
Calcium	53600	430	mg/kg	SW846 6010B
Cadmium	0.18	0.086	mg/kg	SW846 6010B
Cobalt	5.8	0.43	mg/kg	SW846 6010B
Chromium	6.5	0.43	mg/kg	SW846 6010B
Copper	20.9	0.86	mg/kg	SW846 6010B
Iron	12000	8.6	mg/kg	SW846 6010B
Potassium	555	430	mg/kg	SW846 6010B
Magnesium	8530	86.0	mg/kg	SW846 6010B
Manganese	334	0.86	mg/kg	SW846 6010B
Sodium	108	86.0	mg/kg	SW846 6010B
Nickel	12.9	0.86	mg/kg	SW846 6010B
Lead	9.0	0.26	mg/kg	SW846 6010B
Vanadium	11.4	0.86	mg/kg	SW846 6010B
Hexavalent Chromium	0.51 B,J	0.86	mg/kg	SW846 7196A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J100111

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-100907-CB-011 10/09/07 12:45 004				
Percent Solids	93.0	10.0	%	MCAWW 160.3 MOD
SO-17322-100907-CB-013 10/09/07 15:55 005				
Trivalent Chromium	12.3	0.45	mg/kg	SW846 7196A
Silver	0.10	0.089	mg/kg	SW846 6020
Arsenic	2.2	0.089	mg/kg	SW846 6020
Antimony	0.067 B	0.18	mg/kg	SW846 6020
Thallium	0.11	0.089	mg/kg	SW846 6020
Zinc	27.7	0.89	mg/kg	SW846 6020
Mercury	0.021 B	0.045	mg/kg	SW846 7471A
Aluminum	6240	17.9	mg/kg	SW846 6010B
Barium	42.5 J	0.89	mg/kg	SW846 6010B
Beryllium	0.16 B	0.18	mg/kg	SW846 6010B
Calcium	65400	2240	mg/kg	SW846 6010B
Cadmium	0.091	0.089	mg/kg	SW846 6010B
Cobalt	6.4	0.45	mg/kg	SW846 6010B
Chromium	12.3	0.45	mg/kg	SW846 6010B
Copper	17.3	0.89	mg/kg	SW846 6010B
Iron	17000	8.9	mg/kg	SW846 6010B
Potassium	1170	447	mg/kg	SW846 6010B
Magnesium	15100	89.4	mg/kg	SW846 6010B
Manganese	315	0.89	mg/kg	SW846 6010B
Sodium	1170	89.4	mg/kg	SW846 6010B
Nickel	17.1	0.89	mg/kg	SW846 6010B
Lead	6.1	0.27	mg/kg	SW846 6010B
Vanadium	20.5	0.89	mg/kg	SW846 6010B
Acetone	7.0 J	14	ug/kg	SW846 8260B
Cyanide, Total	0.23	0.22	mg/kg	SW846 9012A
Percent Solids	89.5	10.0	%	MCAWW 160.3 MOD
SO-17322-100907-CB-014 10/09/07 16:10 006				
Trivalent Chromium	10.7	0.45	mg/kg	SW846 7196A
Silver	0.078 B	0.089	mg/kg	SW846 6020
Arsenic	0.57	0.089	mg/kg	SW846 6020
Antimony	0.098 B	0.18	mg/kg	SW846 6020
Selenium	0.21	0.19	mg/kg	SW846 6020
Thallium	0.079 B	0.089	mg/kg	SW846 6020
Zinc	17.2	0.89	mg/kg	SW846 6020
Mercury	0.018 B	0.045	mg/kg	SW846 7471A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J100111

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-100907-CB-014 10/09/07 16:10 006				
Aluminum	5130	17.9	mg/kg	SW846 6010B
Barium	29.9 J	0.89	mg/kg	SW846 6010B
Beryllium	0.12 B	0.18	mg/kg	SW846 6010B
Calcium	63200	2240	mg/kg	SW846 6010B
Cadmium	0.084 B	0.089	mg/kg	SW846 6010B
Cobalt	6.0	0.45	mg/kg	SW846 6010B
Chromium	10.7	0.45	mg/kg	SW846 6010B
Copper	16.0	0.89	mg/kg	SW846 6010B
Iron	14300	8.9	mg/kg	SW846 6010B
Potassium	958	447	mg/kg	SW846 6010B
Magnesium	14800	89.5	mg/kg	SW846 6010B
Manganese	291	0.89	mg/kg	SW846 6010B
Sodium	1020	89.5	mg/kg	SW846 6010B
Nickel	15.0	0.89	mg/kg	SW846 6010B
Lead	5.8	0.27	mg/kg	SW846 6010B
Vanadium	15.6	0.89	mg/kg	SW846 6010B
Acetone	8.1 J	15	ug/kg	SW846 8260B
Carbon disulfide	4.1	3.7	ug/kg	SW846 8260B
Cyanide, Total	0.48	0.22	mg/kg	SW846 9012A
Percent Solids	89.4	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7J100111

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7J100111

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J8K02	001	SO-17322-100907-CB-001	10/09/07	09:00
J8K1J	002	SO-17322-100907-CB-004	10/09/07	09:50
J8K1K	003	SO-17322-100907-CB-007	10/09/07	11:50
J8K1L	004	SO-17322-100907-CB-011	10/09/07	12:45
J8K1P	005	SO-17322-100907-CB-013	10/09/07	15:55
J8K1Q	006	SO-17322-100907-CB-014	10/09/07	16:10
J8K1V	008	TB-17322-100907-CB-002	10/09/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

GC/MS Volatiles

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K021AC **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 0.52
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	12	ug/kg	3.7
Benzene	ND	2.9	ug/kg	0.13
Bromodichloromethane	ND	2.9	ug/kg	0.16
Bromoform	ND	2.9	ug/kg	0.19
Bromomethane	ND	2.9	ug/kg	0.32
2-Butanone	ND	12	ug/kg	0.82
Carbon disulfide	ND	2.9	ug/kg	0.26
Carbon tetrachloride	ND	2.9	ug/kg	0.22
Chlorobenzene	ND	2.9	ug/kg	0.19
Dibromochloromethane	ND	2.9	ug/kg	0.32
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.76
Chloroethane	ND	2.9	ug/kg	0.50
Chloroform	ND	2.9	ug/kg	0.17
Chloromethane	ND	2.9	ug/kg	0.24
Cyclohexane	ND	5.9	ug/kg	0.19
1,2-Dibromoethane	ND	2.9	ug/kg	0.29
1,2-Dichlorobenzene	ND	2.9	ug/kg	0.21
1,3-Dichlorobenzene	ND	2.9	ug/kg	0.21
1,4-Dichlorobenzene	ND	2.9	ug/kg	0.39
Dichlorodifluoromethane	ND	2.9	ug/kg	0.29
1,1-Dichloroethane	ND	2.9	ug/kg	0.21
1,2-Dichloroethane	ND	2.9	ug/kg	0.20
1,1-Dichloroethene	ND	2.9	ug/kg	0.30
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.21
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.24
1,2-Dichloropropane	ND	2.9	ug/kg	0.40
cis-1,3-Dichloropropene	ND	2.9	ug/kg	0.20
trans-1,3-Dichloropropene	ND	2.9	ug/kg	0.32
Ethylbenzene	ND	2.9	ug/kg	0.15
Trichlorofluoromethane	ND	2.9	ug/kg	0.20
2-Hexanone	ND	12	ug/kg	0.37
Isopropylbenzene	ND	2.9	ug/kg	0.094
Methyl acetate	ND	5.9	ug/kg	0.82
Methylcyclohexane	ND	5.9	ug/kg	0.18
Methylene chloride	ND	2.9	ug/kg	0.39
4-Methyl-2-pentanone	ND	12	ug/kg	0.32
Styrene	ND	2.9	ug/kg	0.088

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

GC/MS Volatiles

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K021AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	2.9	ug/kg	0.20
Tetrachloroethene	ND	2.9	ug/kg	0.30
Toluene	ND	2.9	ug/kg	0.16
1,2,4-Trichloro-benzene	ND	2.9	ug/kg	0.16
1,1,1-Trichloroethane	ND	2.9	ug/kg	0.33
1,1,2-Trichloroethane	ND	2.9	ug/kg	0.23
Trichloroethene	ND	2.9	ug/kg	0.25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.9	ug/kg	0.76
1,2,4-Trimethylbenzene	ND	2.9	ug/kg	0.38
1,3,5-Trimethylbenzene	ND	2.9	ug/kg	0.15
Vinyl chloride	ND	2.9	ug/kg	0.23
Xylenes (total)	ND	5.9	ug/kg	0.39
Methyl tert-butyl ether	ND	12	ug/kg	0.25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

GC/MS Volatiles

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J1AN **Matrix.....:** SO
Date Sampled...: 10/09/07 09:50 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 0.69
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.2
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.45
2-Butanone	ND	16	ug/kg	1.2
Carbon disulfide	ND	4.1	ug/kg	0.36
Carbon tetrachloride	ND	4.1	ug/kg	0.31
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.2	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.71
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.34
Cyclohexane	ND	8.2	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.30
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.34
1,2-Dichloropropane	ND	4.1	ug/kg	0.57
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.45
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.52
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.2	ug/kg	1.2
Methylcyclohexane	ND	8.2	ug/kg	0.26
Methylene chloride	ND	4.1	ug/kg	0.55
4-Methyl-2-pentanone	ND	16	ug/kg	0.45
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

GC/MS Volatiles

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.43
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.54
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.21
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	ND	8.2	ug/kg	0.55
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	82	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

GC/MS Volatiles

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K1AN **Matrix.....:** SO
Date Sampled...: 10/09/07 11:50 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 0.71
% Moisture.....: 18 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**24**	**17**	**ug/kg**	**5.5**
Benzene	ND	4.3	ug/kg	0.20
Bromodichloromethane	ND	4.3	ug/kg	0.24
Bromoform	ND	4.3	ug/kg	0.29
Bromomethane	ND	4.3	ug/kg	0.47
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.3	ug/kg	0.38
Carbon tetrachloride	ND	4.3	ug/kg	0.32
Chlorobenzene	ND	4.3	ug/kg	0.29
Dibromochloromethane	ND	4.3	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.7	ug/kg	1.1
Chloroethane	ND	4.3	ug/kg	0.74
Chloroform	ND	4.3	ug/kg	0.25
Chloromethane	ND	4.3	ug/kg	0.36
Cyclohexane	**0.73 J**	**8.7**	**ug/kg**	**0.29**
1,2-Dibromoethane	ND	4.3	ug/kg	0.43
1,2-Dichlorobenzene	ND	4.3	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.3	ug/kg	0.30
1,4-Dichlorobenzene	ND	4.3	ug/kg	0.57
Dichlorodifluoromethane	ND	4.3	ug/kg	0.43
1,1-Dichloroethane	ND	4.3	ug/kg	0.31
1,2-Dichloroethane	ND	4.3	ug/kg	0.29
1,1-Dichloroethene	ND	4.3	ug/kg	0.45
cis-1,2-Dichloroethene	ND	4.3	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.3	ug/kg	0.36
1,2-Dichloropropane	ND	4.3	ug/kg	0.60
cis-1,3-Dichloropropene	ND	4.3	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.3	ug/kg	0.47
Ethylbenzene	ND	4.3	ug/kg	0.23
Trichlorofluoromethane	ND	4.3	ug/kg	0.29
2-Hexanone	ND	17	ug/kg	0.55
Isopropylbenzene	ND	4.3	ug/kg	0.14
Methyl acetate	ND	8.7	ug/kg	1.2
Methylcyclohexane	ND	8.7	ug/kg	0.27
Methylene chloride	ND	4.3	ug/kg	0.58
4-Methyl-2-pentanone	ND	17	ug/kg	0.47
Styrene	ND	4.3	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

GC/MS Volatiles

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.3	ug/kg	0.29
Tetrachloroethene	ND	4.3	ug/kg	0.45
Toluene	ND	4.3	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.3	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.3	ug/kg	0.49
1,1,2-Trichloroethane	ND	4.3	ug/kg	0.34
Trichloroethene	ND	4.3	ug/kg	0.36
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.3	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.3	ug/kg	0.56
1,3,5-Trimethylbenzene	ND	4.3	ug/kg	0.22
Vinyl chloride	ND	4.3	ug/kg	0.34
Xylenes (total)	ND	8.7	ug/kg	0.58
Methyl tert-butyl ether	ND	17	ug/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	124	(59 - 138)
1,2-Dichloroethane-d4	107	(61 - 130)
Toluene-d8	61	(60 - 143)
4-Bromofluorobenzene	34 *	(47 - 158)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

GC/MS Volatiles

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L1AN **Matrix.....:** SO
Date Sampled...: 10/09/07 12:45 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 0.77
% Moisture.....: 7.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.2
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.45
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.1	ug/kg	0.36
Carbon tetrachloride	ND	4.1	ug/kg	0.31
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.46
1,2-Dibromo-3-chloro-propane	ND	8.3	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.71
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.34
Cyclohexane	ND	8.3	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.55
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.30
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.34
1,2-Dichloropropane	ND	4.1	ug/kg	0.57
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.45
Ethylbenzene	ND	4.1	ug/kg	0.22
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	17	ug/kg	0.52
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.3	ug/kg	1.2
Methylcyclohexane	ND	8.3	ug/kg	0.26
Methylene chloride	ND	4.1	ug/kg	0.55
4-Methyl-2-pentanone	ND	17	ug/kg	0.45
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

GC/MS Volatiles

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.43
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.54
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.21
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	ND	8.3	ug/kg	0.55
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

GC/MS Volatiles

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P1AN **Matrix.....:** SO
Date Sampled...: 10/09/07 15:55 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 0.63
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.0 J**	**14**	**ug/kg**	**4.4**
Benzene	ND	3.5	ug/kg	0.16
Bromodichloromethane	ND	3.5	ug/kg	0.20
Bromoform	ND	3.5	ug/kg	0.23
Bromomethane	ND	3.5	ug/kg	0.38
2-Butanone	ND	14	ug/kg	0.99
Carbon disulfide	ND	3.5	ug/kg	0.31
Carbon tetrachloride	ND	3.5	ug/kg	0.26
Chlorobenzene	ND	3.5	ug/kg	0.23
Dibromochloromethane	ND	3.5	ug/kg	0.39
1,2-Dibromo-3-chloro-propane	ND	7.0	ug/kg	0.92
Chloroethane	ND	3.5	ug/kg	0.61
Chloroform	ND	3.5	ug/kg	0.20
Chloromethane	ND	3.5	ug/kg	0.29
Cyclohexane	ND	7.0	ug/kg	0.23
1,2-Dibromoethane	ND	3.5	ug/kg	0.35
1,2-Dichlorobenzene	ND	3.5	ug/kg	0.25
1,3-Dichlorobenzene	ND	3.5	ug/kg	0.25
1,4-Dichlorobenzene	ND	3.5	ug/kg	0.46
Dichlorodifluoromethane	ND	3.5	ug/kg	0.35
1,1-Dichloroethane	ND	3.5	ug/kg	0.25
1,2-Dichloroethane	ND	3.5	ug/kg	0.24
1,1-Dichloroethene	ND	3.5	ug/kg	0.37
cis-1,2-Dichloroethene	ND	3.5	ug/kg	0.25
trans-1,2-Dichloroethene	ND	3.5	ug/kg	0.29
1,2-Dichloropropane	ND	3.5	ug/kg	0.49
cis-1,3-Dichloropropene	ND	3.5	ug/kg	0.24
trans-1,3-Dichloropropene	ND	3.5	ug/kg	0.38
Ethylbenzene	ND	3.5	ug/kg	0.18
Trichlorofluoromethane	ND	3.5	ug/kg	0.24
2-Hexanone	ND	14	ug/kg	0.44
Isopropylbenzene	ND	3.5	ug/kg	0.11
Methyl acetate	ND	7.0	ug/kg	0.99
Methylcyclohexane	ND	7.0	ug/kg	0.22
Methylene chloride	ND	3.5	ug/kg	0.47
4-Methyl-2-pentanone	ND	14	ug/kg	0.38
Styrene	ND	3.5	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

GC/MS Volatiles

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.5	ug/kg	0.24
Tetrachloroethene	ND	3.5	ug/kg	0.37
Toluene	ND	3.5	ug/kg	0.19
1,2,4-Trichloro-benzene	ND	3.5	ug/kg	0.19
1,1,1-Trichloroethane	ND	3.5	ug/kg	0.39
1,1,2-Trichloroethane	ND	3.5	ug/kg	0.27
Trichloroethene	ND	3.5	ug/kg	0.30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.5	ug/kg	0.92
1,2,4-Trimethylbenzene	ND	3.5	ug/kg	0.46
1,3,5-Trimethylbenzene	ND	3.5	ug/kg	0.18
Vinyl chloride	ND	3.5	ug/kg	0.27
Xylenes (total)	ND	7.0	ug/kg	0.47
Methyl tert-butyl ether	ND	14	ug/kg	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

GC/MS Volatiles

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q1AN **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 0.66
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**8.1 J**	**15**	**ug/kg**	**4.6**
Benzene	ND	3.7	ug/kg	0.17
Bromodichloromethane	ND	3.7	ug/kg	0.21
Bromoform	ND	3.7	ug/kg	0.24
Bromomethane	ND	3.7	ug/kg	0.40
2-Butanone	ND	15	ug/kg	1.0
Carbon disulfide	**4.1**	**3.7**	**ug/kg**	**0.32**
Carbon tetrachloride	ND	3.7	ug/kg	0.27
Chlorobenzene	ND	3.7	ug/kg	0.24
Dibromochloromethane	ND	3.7	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.4	ug/kg	0.96
Chloroethane	ND	3.7	ug/kg	0.63
Chloroform	ND	3.7	ug/kg	0.21
Chloromethane	ND	3.7	ug/kg	0.30
Cyclohexane	ND	7.4	ug/kg	0.24
1,2-Dibromoethane	ND	3.7	ug/kg	0.37
1,2-Dichlorobenzene	ND	3.7	ug/kg	0.27
1,3-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.7	ug/kg	0.49
Dichlorodifluoromethane	ND	3.7	ug/kg	0.37
1,1-Dichloroethane	ND	3.7	ug/kg	0.27
1,2-Dichloroethane	ND	3.7	ug/kg	0.25
1,1-Dichloroethene	ND	3.7	ug/kg	0.38
cis-1,2-Dichloroethene	ND	3.7	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.7	ug/kg	0.30
1,2-Dichloropropane	ND	3.7	ug/kg	0.51
cis-1,3-Dichloropropene	ND	3.7	ug/kg	0.25
trans-1,3-Dichloropropene	ND	3.7	ug/kg	0.40
Ethylbenzene	ND	3.7	ug/kg	0.19
Trichlorofluoromethane	ND	3.7	ug/kg	0.25
2-Hexanone	ND	15	ug/kg	0.46
Isopropylbenzene	ND	3.7	ug/kg	0.12
Methyl acetate	ND	7.4	ug/kg	1.0
Methylcyclohexane	ND	7.4	ug/kg	0.23
Methylene chloride	ND	3.7	ug/kg	0.49
4-Methyl-2-pentanone	ND	15	ug/kg	0.40
Styrene	ND	3.7	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

GC/MS Volatiles

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.7	ug/kg	0.25
Tetrachloroethene	ND	3.7	ug/kg	0.38
Toluene	ND	3.7	ug/kg	0.20
1,2,4-Trichloro-benzene	ND	3.7	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.7	ug/kg	0.41
1,1,2-Trichloroethane	ND	3.7	ug/kg	0.29
Trichloroethene	ND	3.7	ug/kg	0.31
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.7	ug/kg	0.96
1,2,4-Trimethylbenzene	ND	3.7	ug/kg	0.48
1,3,5-Trimethylbenzene	ND	3.7	ug/kg	0.18
Vinyl chloride	ND	3.7	ug/kg	0.29
Xylenes (total)	ND	7.4	ug/kg	0.49
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	79	(60 - 143)
4-Bromofluorobenzene	71	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-100907-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J100111-008 **Work Order #...:** J8K1V1AA **Matrix.....:** SQ
Date Sampled...: 10/09/07 **Date Received..:** 10/10/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-100907-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J100111-008 **Work Order #...:** J8K1V1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K021A5 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283347
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.4
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**45**	**7.5**	**ug/kg**	**1.1**
Benzo(a)pyrene	**48**	**7.5**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**58**	**7.5**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**33**	**7.5**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**27**	**7.5**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	**52**	**7.5**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K021A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	**81**	**7.5**	**ug/kg**	**1.4**
Fluorene	ND	7.5	ug/kg	1.4
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	32
Indeno(1,2,3-cd)pyrene	**29**	**7.5**	**ug/kg**	**1.7**
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	**33**	**7.5**	**ug/kg**	**2.3**
Phenol	ND	56	ug/kg	28
Pyrene	**71**	**7.5**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K021A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	63	(28 - 110)
2-Fluorophenol	61	(26 - 110)
2,4,6-Tribromophenol	54	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J1AG **Matrix.....:** SO
Date Sampled...: 10/09/07 09:50 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7283347
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	31
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	8.0	ug/kg	1.6
Acenaphthylene	ND	8.0	ug/kg	1.4
Acetophenone	ND	120	ug/kg	31
Anthracene	ND	8.0	ug/kg	1.6
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	ND	8.0	ug/kg	1.1
Benzo(a)pyrene	ND	8.0	ug/kg	1.6
Benzo(b)fluoranthene	ND	8.0	ug/kg	1.4
Benzo(ghi)perylene	ND	8.0	ug/kg	1.6
Benzo(k)fluoranthene	ND	8.0	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	60	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	ND	60	ug/kg	22
4-Bromophenyl phenyl ether	ND	60	ug/kg	25
Butyl benzyl phthalate	ND	60	ug/kg	23
Caprolactam	ND	390	ug/kg	44
Carbazole	ND	60	ug/kg	23
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	60	ug/kg	26
2-Chlorophenol	ND	60	ug/kg	31
4-Chlorophenyl phenyl ether	ND	60	ug/kg	29
Chrysene	ND	8.0	ug/kg	1.1
Dibenz(a,h)anthracene	ND	8.0	ug/kg	1.6
Dibenzofuran	ND	60	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	22
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	60	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	60	ug/kg	25
Di-n-butyl phthalate	ND	60	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	16
2,4-Dinitrophenol	ND	390	ug/kg	99
2,4-Dinitrotoluene	ND	240	ug/kg	22
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	60	ug/kg	22
Fluoranthene	ND	8.0	ug/kg	1.4
Fluorene	ND	8.0	ug/kg	1.4
Hexachlorobenzene	ND	8.0	ug/kg	2.5
Hexachlorobutadiene	ND	60	ug/kg	31
Hexachlorocyclopentadiene	ND	390	ug/kg	19
Hexachloroethane	ND	60	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	8.0	ug/kg	1.8
Isophorone	ND	60	ug/kg	25
2-Methylnaphthalene	ND	8.0	ug/kg	1.8
2-Methylphenol	ND	240	ug/kg	33
4-Methylphenol	ND	240	ug/kg	26
Naphthalene	ND	8.0	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	26
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	60	ug/kg	23
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propylamine	ND	60	ug/kg	27
N-Nitrosodiphenylamine	ND	60	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	98
Phenanthrene	ND	8.0	ug/kg	2.4
Phenol	ND	60	ug/kg	30
Pyrene	ND	8.0	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	30
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	61	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	70	(26 - 110)
2,4,6-Tribromophenol	65	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K1AG **Matrix.....:** SO
Date Sampled...: 10/09/07 11:50 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283347
Dilution Factor: 4
% Moisture.....: 18 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	490	ug/kg	130
Pyridine	ND	490	ug/kg	83
Acenaphthene	ND	33	ug/kg	6.3
Acenaphthylene	ND	33	ug/kg	5.9
Acetophenone	ND	490	ug/kg	130
Anthracene	ND	33	ug/kg	6.3
Atrazine	ND	980	ug/kg	100
Benzo(a)anthracene	ND	33	ug/kg	4.6
Benzo(a)pyrene	ND	33	ug/kg	6.3
Benzo(b)fluoranthene	ND	33	ug/kg	5.9
Benzo(ghi)perylene	ND	33	ug/kg	6.3
Benzo(k)fluoranthene	ND	33	ug/kg	8.3
Benzaldehyde	ND	490	ug/kg	100
1,1'-Biphenyl	ND	240	ug/kg	110
bis(2-Chloroethoxy) methane	ND	490	ug/kg	110
bis(2-Chloroethyl)-ether	ND	490	ug/kg	9.8
bis(2-Ethylhexyl) phthalate	ND	240	ug/kg	88
4-Bromophenyl phenyl ether	ND	240	ug/kg	100
Butyl benzyl phthalate	ND	240	ug/kg	93
Caprolactam	ND	1600	ug/kg	180
Carbazole	ND	240	ug/kg	93
4-Chloroaniline	ND	730	ug/kg	83
4-Chloro-3-methylphenol	ND	730	ug/kg	100
2-Chloronaphthalene	ND	240	ug/kg	110
2-Chlorophenol	ND	240	ug/kg	130
4-Chlorophenyl phenyl ether	ND	240	ug/kg	120
Chrysene	**37**	**33**	**ug/kg**	**4.4**
Dibenz(a,h)anthracene	ND	33	ug/kg	6.3
Dibenzofuran	ND	240	ug/kg	98
3,3'-Dichlorobenzidine	ND	490	ug/kg	88
2,4-Dichlorophenol	ND	730	ug/kg	98
Diethyl phthalate	ND	240	ug/kg	93

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	730	ug/kg	98
Dimethyl phthalate	ND	240	ug/kg	100
Di-n-butyl phthalate	ND	240	ug/kg	93
4,6-Dinitro-2-methylphenol	ND	730	ug/kg	63
2,4-Dinitrophenol	ND	1600	ug/kg	410
2,4-Dinitrotoluene	ND	980	ug/kg	88
2,6-Dinitrotoluene	ND	980	ug/kg	100
Di-n-octyl phthalate	ND	240	ug/kg	88
Fluoranthene	**33**	**33**	**ug/kg**	**5.9**
Fluorene	ND	33	ug/kg	5.9
Hexachlorobenzene	ND	33	ug/kg	10
Hexachlorobutadiene	ND	240	ug/kg	130
Hexachlorocyclopentadiene	ND	1600	ug/kg	78
Hexachloroethane	ND	240	ug/kg	140
Indeno(1,2,3-cd)pyrene	ND	33	ug/kg	7.3
Isophorone	ND	240	ug/kg	100
2-Methylnaphthalene	ND	33	ug/kg	7.3
2-Methylphenol	ND	980	ug/kg	140
4-Methylphenol	ND	980	ug/kg	110
Naphthalene	ND	33	ug/kg	7.8
2-Nitroaniline	ND	980	ug/kg	110
3-Nitroaniline	ND	980	ug/kg	78
4-Nitroaniline	ND	980	ug/kg	130
Nitrobenzene	ND	490	ug/kg	11
2-Nitrophenol	ND	240	ug/kg	93
4-Nitrophenol	ND	1600	ug/kg	540
N-Nitrosodi-n-propylamine	ND	240	ug/kg	110
N-Nitrosodiphenylamine	ND	240	ug/kg	100
Pentachlorophenol	ND	730	ug/kg	400
Phenanthrene	**35**	**33**	**ug/kg**	**9.8**
Phenol	ND	240	ug/kg	120
Pyrene	**43**	**33**	**ug/kg**	**5.4**
2,4,5-Trichlorophenol	ND	730	ug/kg	120
2,4,6-Trichlorophenol	ND	730	ug/kg	100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64 DIL	(24 - 112)
2-Fluorobiphenyl	72 DIL	(34 - 110)
Terphenyl-d14	75 DIL	(41 - 119)
Phenol-d5	70 DIL	(28 - 110)
2-Fluorophenol	59 DIL	(26 - 110)
2,4,6-Tribromophenol	57 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L1AG **Matrix.....:** SO
Date Sampled...: 10/09/07 12:45 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283347
Dilution Factor: 1
% Moisture.....: 7.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	28
Pyridine	ND	110	ug/kg	18
Acenaphthene	ND	7.2	ug/kg	1.4
Acenaphthylene	ND	7.2	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.2	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.2	ug/kg	1.0
Benzo(a)pyrene	ND	7.2	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.2	ug/kg	1.3
Benzo(ghi)perylene	ND	7.2	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.2	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	54	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	54	ug/kg	19
4-Bromophenyl phenyl ether	ND	54	ug/kg	23
Butyl benzyl phthalate	ND	54	ug/kg	20
Caprolactam	ND	350	ug/kg	40
Carbazole	ND	54	ug/kg	20
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	24
2-Chlorophenol	ND	54	ug/kg	28
4-Chlorophenyl phenyl ether	ND	54	ug/kg	26
Chrysene	ND	7.2	ug/kg	0.97
Dibenz(a,h)anthracene	ND	7.2	ug/kg	1.4
Dibenzofuran	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	54	ug/kg	20

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	23
Di-n-butyl phthalate	ND	54	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	350	ug/kg	89
2,4-Dinitrotoluene	ND	220	ug/kg	19
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	19
Fluoranthene	ND	7.2	ug/kg	1.3
Fluorene	ND	7.2	ug/kg	1.3
Hexachlorobenzene	ND	7.2	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	28
Hexachlorocyclopentadiene	ND	350	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.2	ug/kg	1.6
Isophorone	ND	54	ug/kg	23
2-Methylnaphthalene	ND	7.2	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	30
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.2	ug/kg	1.7
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	20
4-Nitrophenol	ND	350	ug/kg	120
N-Nitrosodi-n-propylamine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	88
Phenanthrene	ND	7.2	ug/kg	2.2
Phenol	ND	54	ug/kg	27
Pyrene	ND	7.2	ug/kg	1.2
2,4,5-Trichlorophenol	ND	160	ug/kg	27
2,4,6-Trichlorophenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	65	(34 - 110)
Terphenyl-d14	98	(41 - 119)
Phenol-d5	68	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P1AG **Matrix.....:** SO
Date Sampled...: 10/09/07 15:55 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7283347
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q1AG **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7283347
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

GC/MS Semivolatiles

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	98	(41 - 119)
Phenol-d5	72	(28 - 110)
2-Fluorophenol	65	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

GC Semivolatiles

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K021A7 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	14
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.9
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(10 - 196)
Decachlorobiphenyl	65	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

GC Semivolatiles

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J1AJ **Matrix.....:** SO
Date Sampled...: 10/09/07 09:50 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	16
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	17
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	11
Aroclor 1260	ND	39	ug/kg	12

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
Decachlorobiphenyl	80	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

GC Semivolatiles

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K1AJ **Matrix.....:** SO
Date Sampled...: 10/09/07 11:50 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	13
Aroclor 1221	ND	40	ug/kg	16
Aroclor 1232	ND	40	ug/kg	15
Aroclor 1242	ND	40	ug/kg	17
Aroclor 1248	ND	40	ug/kg	18
Aroclor 1254	ND	40	ug/kg	11
Aroclor 1260	ND	40	ug/kg	12

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	108	(10 - 196)
Decachlorobiphenyl	77	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

GC Semivolatiles

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L1AJ **Matrix.....:** SO
Date Sampled...: 10/09/07 12:45 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1
% Moisture.....: 7.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	12
Aroclor 1221	ND	35	ug/kg	14
Aroclor 1232	ND	35	ug/kg	13
Aroclor 1242	ND	35	ug/kg	15
Aroclor 1248	ND	35	ug/kg	16
Aroclor 1254	ND	35	ug/kg	9.5
Aroclor 1260	ND	35	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
Decachlorobiphenyl	59	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

GC Semivolatiles

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P1AJ **Matrix.....:** SO
Date Sampled...: 10/09/07 15:55 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.8
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 196)
Decachlorobiphenyl	68	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

GC Semivolatiles

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q1AJ **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.8
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(10 - 196)
Decachlorobiphenyl	82	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

TOTAL Metals

Lot-Sample #...: A7J100111-001 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7284022						
Trivalent Chromium	**16.1**	**0.45**	**mg/kg**	**SW846 7196A**	**10/11/07**	**J8K021A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7284023						
Silver	**0.077 B**	**0.090**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K021A2**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**8250**	**18.0**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AE**
		Dilution Factor: 1		MDL.....: 10.8		
Arsenic	**4.1**	**0.090**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K021A0**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**40.4 J**	**0.90**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AF**
		Dilution Factor: 1		MDL.....: 0.080		
Beryllium	**0.069 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AG**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**7660**	**451**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AJ**
		Dilution Factor: 1		MDL.....: 18.0		
Cadmium	**0.074 B**	**0.090**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AH**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**7.5 E**	**0.45**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**16.6 E**	**0.45**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**12.8**	**0.90**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AL**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**19700**	**9.0**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AM**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.046**	**0.045**	**mg/kg**	**SW846 7471A**	**10/11-10/12/07**	**J8K021AD**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

TOTAL Metals

Lot-Sample #...: A7J100111-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1160**	**451**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AR**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**3890**	**90.2**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AN**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**279**	**0.90**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AP**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	ND	90.2	mg/kg	SW846 6010B	10/11/07	J8K021AT
		Dilution Factor: 1		MDL.....: 74.4		
Nickel	**16.9 E**	**0.90**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AQ**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**15.3**	**0.27**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AW**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.13 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K021AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	10/11/07	J8K021A1
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.12**	**0.090**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K021A3**
		Dilution Factor: 1		MDL.....: 0.0089		
Vanadium	**20.9**	**0.90**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K021AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**40.5**	**0.90**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K021A4**
		Dilution Factor: 1		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

TOTAL Metals

Lot-Sample #...: A7J100111-002 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:50 **Date Received..:** 10/10/07
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7284022						
Trivalent Chromium	**27.8**	**0.48**	**mg/kg**	**SW846 7196A**	**10/11/07**	**J8K1J1AL**
		Dilution Factor: 1		MDL.....: 0.16		
Prep Batch #...: 7284023						
Silver	**0.12**	**0.096**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1J1AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**17000**	**19.1**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AQ**
		Dilution Factor: 1		MDL.....: 11.5		
Arsenic	**5.2**	**0.096**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1J1AA**
		Dilution Factor: 1		MDL.....: 0.074		
Barium	**63.5 J**	**0.96**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AR**
		Dilution Factor: 1		MDL.....: 0.085		
Beryllium	**0.56**	**0.19**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AT**
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**2290**	**478**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AV**
		Dilution Factor: 1		MDL.....: 19.1		
Cadmium	**0.10**	**0.096**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AU**
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**8.5**	**0.48**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**27.8**	**0.48**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**25.6**	**0.96**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1AX**
		Dilution Factor: 1		MDL.....: 0.88		
Iron	**25800**	**9.6**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A0**
		Dilution Factor: 1		MDL.....: 5.9		
Mercury	**0.034 B**	**0.048**	**mg/kg**	**SW846 7471A**	**10/11-10/12/07**	**J8K1J1AP**
		Dilution Factor: 1		MDL.....: 0.016		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

TOTAL Metals

Lot-Sample #...: A7J100111-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1640**	**478**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A4**
		Dilution Factor: 1		MDL.....: 7.4		
Magnesium	**3700**	**95.6**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A1**
		Dilution Factor: 1		MDL.....: 6.1		
Manganese	**301**	**0.96**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A2**
		Dilution Factor: 1		MDL.....: 0.088		
Sodium	**1990**	**95.6**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A5**
		Dilution Factor: 1		MDL.....: 78.9		
Nickel	**32.8**	**0.96**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**10.7**	**0.29**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A8**
		Dilution Factor: 1		MDL.....: 0.23		
Antimony	**0.11 B**	**0.19**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1J1A9**
		Dilution Factor: 1		MDL.....: 0.029		
Selenium	ND	0.20	mg/kg	SW846 6020	10/11/07	J8K1J1AC
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.19**	**0.096**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1J1AE**
		Dilution Factor: 1		MDL.....: 0.0094		
Vanadium	**27.8**	**0.96**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1J1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**44.8**	**0.96**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1J1AF**
		Dilution Factor: 1		MDL.....: 0.53		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

TOTAL Metals

Lot-Sample #...: A7J100111-003 **Matrix.....:** SO
Date Sampled...: 10/09/07 11:50 **Date Received..:** 10/10/07
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7284022						
Trivalent Chromium	**3.7**	**0.49**	**mg/kg**	**SW846 7196A**	**10/11/07**	**J8K1K1AL**
		Dilution Factor: 1		MDL.....: 0.16		
Prep Batch #...: 7284023						
Silver	**0.032 B**	**0.098**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1K1AD**
		Dilution Factor: 1		MDL.....: 0.020		
Aluminum	**2690**	**19.5**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1AQ**
		Dilution Factor: 1		MDL.....: 11.7		
Arsenic	**3.5**	**0.098**	**mg/kg**	**SW846 6020**	**10/11-10/15/07**	**J8K1K1AA**
		Dilution Factor: 1		MDL.....: 0.076		
Barium	**21.6 J**	**0.98**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1AR**
		Dilution Factor: 1		MDL.....: 0.087		
Beryllium	ND	0.20	mg/kg	SW846 6010B	10/11/07	J8K1K1AT
		Dilution Factor: 1		MDL.....: 0.052		
Calcium	**2750**	**488**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1AV**
		Dilution Factor: 1		MDL.....: 19.5		
Cadmium	**0.066 B**	**0.098**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1AU**
		Dilution Factor: 1		MDL.....: 0.044		
Cobalt	**2.6**	**0.49**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1AW**
		Dilution Factor: 1		MDL.....: 0.20		
Chromium	**4.4**	**0.49**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**5.0**	**0.98**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1AX**
		Dilution Factor: 1		MDL.....: 0.90		
Iron	**8660**	**9.8**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A0**
		Dilution Factor: 1		MDL.....: 6.0		
Mercury	ND	0.049	mg/kg	SW846 7471A	10/11-10/12/07	J8K1K1AP
		Dilution Factor: 1		MDL.....: 0.016		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

TOTAL Metals

Lot-Sample #...: A7J100111-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**253 B**	**488**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A4**
		Dilution Factor: 1		MDL.....: 7.6		
Magnesium	**941**	**97.6**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A1**
		Dilution Factor: 1		MDL.....: 6.2		
Manganese	**74.0**	**0.98**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A2**
		Dilution Factor: 1		MDL.....: 0.090		
Sodium	**212**	**97.6**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A5**
		Dilution Factor: 1		MDL.....: 80.5		
Nickel	**4.1**	**0.98**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A3**
		Dilution Factor: 1		MDL.....: 0.33		
Lead	**6.4**	**0.29**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A8**
		Dilution Factor: 1		MDL.....: 0.23		
Antimony	**0.11 B**	**0.20**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1K1A9**
		Dilution Factor: 1		MDL.....: 0.029		
Selenium	**0.28**	**0.21**	**mg/kg**	**SW846 6020**	**10/11-10/15/07**	**J8K1K1AC**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.049 B**	**0.098**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1K1AE**
		Dilution Factor: 1		MDL.....: 0.0096		
Vanadium	**6.8**	**0.98**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1K1A6**
		Dilution Factor: 1		MDL.....: 0.15		
Zinc	**25.5**	**0.98**	**mg/kg**	**SW846 6020**	**10/11-10/15/07**	**J8K1K1AF**
		Dilution Factor: 1		MDL.....: 0.54		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

TOTAL Metals

Lot-Sample #...: A7J100111-004 **Matrix.....:** SO
Date Sampled...: 10/09/07 12:45 **Date Received..:** 10/10/07
% Moisture.....: 7.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7284022						
Trivalent Chromium	**6.0**	**0.43**	**mg/kg**	**SW846 7196A**	**10/11/07**	**J8K1L1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7284023						
Silver	**0.072 B**	**0.086**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1L1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**3020**	**17.2**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1AQ**
		Dilution Factor: 1		MDL.....: 10.3		
Arsenic	**11.1**	**0.086**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1L1AA**
		Dilution Factor: 1		MDL.....: 0.067		
Barium	**13.9 J**	**0.86**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1AR**
		Dilution Factor: 1		MDL.....: 0.076		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/11/07	J8K1L1AT
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**53600**	**430**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1AV**
		Dilution Factor: 1		MDL.....: 17.2		
Cadmium	**0.18**	**0.086**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1AU**
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**5.8**	**0.43**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**6.5**	**0.43**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**20.9**	**0.86**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1AX**
		Dilution Factor: 1		MDL.....: 0.80		
Iron	**12000**	**8.6**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A0**
		Dilution Factor: 1		MDL.....: 5.3		
Mercury	**0.028 B**	**0.043**	**mg/kg**	**SW846 7471A**	**10/11-10/12/07**	**J8K1L1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

TOTAL Metals

Lot-Sample #...: A7J100111-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**555**	**430**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A4**
		Dilution Factor: 1		MDL.....: 6.7		
Magnesium	**8530**	**86.0**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A1**
		Dilution Factor: 1		MDL.....: 5.5		
Manganese	**334**	**0.86**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A2**
		Dilution Factor: 1		MDL.....: 0.080		
Sodium	**108**	**86.0**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A5**
		Dilution Factor: 1		MDL.....: 71.0		
Nickel	**12.9**	**0.86**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**9.0**	**0.26**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.074 B**	**0.17**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1L1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.10 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1L1AC**
		Dilution Factor: 1		MDL.....: 0.097		
Thallium	**0.26**	**0.086**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1L1AE**
		Dilution Factor: 1		MDL.....: 0.0085		
Vanadium	**11.4**	**0.86**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1L1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**63.4**	**0.86**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1L1AF**
		Dilution Factor: 1		MDL.....: 0.47		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

TOTAL Metals

Lot-Sample #...: A7J100111-005 **Matrix.....:** SO
Date Sampled...: 10/09/07 15:55 **Date Received..:** 10/10/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7284022						
Trivalent Chromium	**12.3**	**0.45**	**mg/kg**	**SW846 7196A**	**10/11/07**	**J8K1P1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7284023						
Silver	**0.10**	**0.089**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1P1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**6240**	**17.9**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1AQ**
		Dilution Factor: 1		MDL.....: 10.7		
Arsenic	**2.2**	**0.089**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1P1AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**42.5 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.16 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**65400**	**2240**	**mg/kg**	**SW846 6010B**	**10/11-10/12/07**	**J8K1P1AV**
		Dilution Factor: 5		MDL.....: 89.4		
Cadmium	**0.091**	**0.089**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**6.4**	**0.45**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**12.3**	**0.45**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**17.3**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1AX**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**17000**	**8.9**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A0**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.021 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/11-10/12/07**	**J8K1P1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

TOTAL Metals

Lot-Sample #...: A7J100111-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1170**	**447**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**15100**	**89.4**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**315**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A2**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	**1170**	**89.4**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A5**
		Dilution Factor: 1		MDL.....: 73.8		
Nickel	**17.1**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**6.1**	**0.27**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.067 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1P1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	10/11/07	J8K1P1AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.11**	**0.089**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1P1AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**20.5**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1P1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**27.7**	**0.89**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1P1AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

TOTAL Metals

Lot-Sample #...: A7J100111-006 **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7284022						
Trivalent Chromium	**10.7**	**0.45**	**mg/kg**	**SW846 7196A**	**10/11/07**	**J8K1Q1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7284023						
Silver	**0.078 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1Q1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5130**	**17.9**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1AQ**
		Dilution Factor: 1		MDL.....: 10.7		
Arsenic	**0.57**	**0.089**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1Q1AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**29.9 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.12 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**63200**	**2240**	**mg/kg**	**SW846 6010B**	**10/11-10/12/07**	**J8K1Q1AV**
		Dilution Factor: 5		MDL.....: 89.5		
Cadmium	**0.084 B**	**0.089**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**6.0**	**0.45**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**10.7**	**0.45**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**16.0**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1AX**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**14300**	**8.9**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A0**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.018 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/11-10/12/07**	**J8K1Q1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

TOTAL Metals

Lot-Sample #...: A7J100111-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**958**	**447**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**14800**	**89.5**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**291**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A2**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	**1020**	**89.5**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A5**
		Dilution Factor: 1		MDL.....: 73.8		
Nickel	**15.0**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**5.8**	**0.27**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.098 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1Q1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.21**	**0.19**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1Q1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.079 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/11-10/15/07**	**J8K1Q1AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**15.6**	**0.89**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8K1Q1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**17.2**	**0.89**	**mg/kg**	**SW846 6020**	**10/11/07**	**J8K1Q1AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-001

General Chemistry

Lot-Sample #...: A7J100111-001 **Work Order #...:** J8K02 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.54 B,J**	**0.90**	**mg/kg**	**SW846 7196A**	**10/11-10/12/07**	**7284616**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/12-10/13/07**	**7286057**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-004

General Chemistry

Lot-Sample #...: A7J100111-002 **Work Order #...:** J8K1J **Matrix.....:** SO
Date Sampled...: 10/09/07 09:50 **Date Received..:** 10/10/07
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.96	mg/kg	SW846 7196A	10/11-10/12/07	7284616
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**83.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/12-10/13/07**	**7286057**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-007

General Chemistry

Lot-Sample #...: A7J100111-003 **Work Order #...:** J8K1K **Matrix.....:** SO
Date Sampled...: 10/09/07 11:50 **Date Received..:** 10/10/07
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.36**	**0.24**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.72 B,J**	**0.98**	**mg/kg**	**SW846 7196A**	**10/11-10/12/07**	**7284616**
		Dilution Factor: 1		MDL.....: 0.26		
Percent Solids	**82.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/12-10/13/07**	**7286057**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-011

General Chemistry

Lot-Sample #...: A7J100111-004 **Work Order #...:** J8K1L **Matrix.....:** SO
Date Sampled...: 10/09/07 12:45 **Date Received..:** 10/10/07
% Moisture.....: 7.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.51 B,J**	**0.86**	**mg/kg**	**SW846 7196A**	**10/11-10/12/07**	**7284616**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**93.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/12-10/13/07**	**7286057**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-013

General Chemistry

Lot-Sample #...: A7J100111-005 **Work Order #...:** J8K1P **Matrix.....:** SO
Date Sampled...: 10/09/07 15:55 **Date Received..:** 10/10/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.23**	**0.22**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	10/11-10/12/07	7284616
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/12-10/13/07**	**7286057**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-100907-CB-014

General Chemistry

Lot-Sample #...: A7J100111-006 **Work Order #...:** J8K1Q **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.48**	**0.22**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	10/11-10/12/07	7284616
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/12-10/13/07**	**7286057**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J120000-662
Prep Date.....: 10/11/07
Analysis Date..: 10/11/07 **Prep Batch #...:** 7285662
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	**0.43 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	**0.84 J**	**20**	**ug/kg**	**SW846 8260B**
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**1.6 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-662 J8W1K1AD-LCSD
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	48	ug/kg	96		SW846 8260B
	50	52	ug/kg	103	7.7	SW846 8260B
Benzene	**50**	**53**	**ug/kg**	**107**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**4.5**	**SW846 8260B**
Bromodichloromethane	50	54	ug/kg	108		SW846 8260B
	50	52	ug/kg	104	3.7	SW846 8260B
Bromoform	50	54	ug/kg	108		SW846 8260B
	50	52	ug/kg	105	3.2	SW846 8260B
Bromomethane	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	104	2.2	SW846 8260B
2-Butanone	50	49	ug/kg	98		SW846 8260B
	50	52	ug/kg	104	6.0	SW846 8260B
Carbon disulfide	50	56	ug/kg	112		SW846 8260B
	50	55	ug/kg	110	1.9	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	110		SW846 8260B
	50	51	ug/kg	102	8.1	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**105**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**5.0**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	106		SW846 8260B
	50	51	ug/kg	102	3.4	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	109	2.2	SW846 8260B
Chloroethane	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.0	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	52	ug/kg	103	4.8	SW846 8260B
Chloromethane	50	47	ug/kg	95		SW846 8260B
	50	46	ug/kg	91	3.8	SW846 8260B
Cyclohexane	50	53	ug/kg	106		SW846 8260B
	50	51	ug/kg	102	4.1	SW846 8260B
1,2-Dibromoethane	50	52	ug/kg	105		SW846 8260B
	50	54	ug/kg	107	2.3	SW846 8260B
1,2-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	99	5.6	SW846 8260B
1,3-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	98	5.7	SW846 8260B
1,4-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	97	6.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-662 J8W1K1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	39	ug/kg	78		SW846 8260B
	50	37	ug/kg	74	6.5	SW846 8260B
1,1-Dichloroethane	50	55	ug/kg	110		SW846 8260B
	50	53	ug/kg	105	4.5	SW846 8260B
1,2-Dichloroethane	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	107	1.1	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**114**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**6.5**	**SW846 8260B**
cis-1,2-Dichloroethene	50	56	ug/kg	112		SW846 8260B
	50	54	ug/kg	108	3.2	SW846 8260B
trans-1,2-Dichloroethene	50	55	ug/kg	110		SW846 8260B
	50	52	ug/kg	104	5.6	SW846 8260B
1,2-Dichloropropane	50	55	ug/kg	110		SW846 8260B
	50	53	ug/kg	105	4.2	SW846 8260B
cis-1,3-Dichloropropene	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	107	0.81	SW846 8260B
trans-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	53	ug/kg	106	1.8	SW846 8260B
Ethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	51	ug/kg	103	5.4	SW846 8260B
Trichlorofluoromethane	50	58	ug/kg	116		SW846 8260B
	50	56	ug/kg	113	2.6	SW846 8260B
2-Hexanone	50	47	ug/kg	94		SW846 8260B
	50	54	ug/kg	108	14	SW846 8260B
Isopropylbenzene	50	62	ug/kg	123		SW846 8260B
	50	57	ug/kg	114	7.8	SW846 8260B
Methyl acetate	50	51	ug/kg	101		SW846 8260B
	50	53	ug/kg	107	5.4	SW846 8260B
Methylcyclohexane	50	54	ug/kg	109		SW846 8260B
	50	51	ug/kg	102	6.7	SW846 8260B
Methylene chloride	50	56	ug/kg	111		SW846 8260B
	50	54	ug/kg	107	3.4	SW846 8260B
4-Methyl-2-pentanone	50	51	ug/kg	103		SW846 8260B
	50	56	ug/kg	111	7.9	SW846 8260B
Styrene	50	55	ug/kg	110		SW846 8260B
	50	52	ug/kg	104	5.5	SW846 8260B
1,1,2,2-Tetrachloroethane	50	51	ug/kg	101		SW846 8260B
	50	52	ug/kg	104	2.7	SW846 8260B
Tetrachloroethene	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	103	5.2	SW846 8260B
Toluene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**5.0**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-662 J8W1K1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	57	ug/kg	114		SW846 8260B
	50	55	ug/kg	110	3.5	SW846 8260B
1,1,1-Trichloroethane	50	56	ug/kg	113		SW846 8260B
	50	54	ug/kg	108	3.9	SW846 8260B
1,1,2-Trichloroethane	50	52	ug/kg	105		SW846 8260B
	50	51	ug/kg	102	3.0	SW846 8260B
Trichloroethene	**50**	**55**	**ug/kg**	**110**		**SW846 8260B**
	50	**52**	**ug/kg**	**104**	**6.5**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	66	ug/kg	131		SW846 8260B
	50	62	ug/kg	124	6.0	SW846 8260B
1,2,4-Trimethylbenzene	50	53	ug/kg	107		SW846 8260B
	50	50	ug/kg	99	7.1	SW846 8260B
1,3,5-Trimethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	51	ug/kg	102	6.0	SW846 8260B
Vinyl chloride	50	49	ug/kg	97		SW846 8260B
	50	48	ug/kg	95	2.1	SW846 8260B
Xylenes (total)	150	160	ug/kg	108		SW846 8260B
	150	150	ug/kg	102	5.7	SW846 8260B
Methyl tert-butyl ether	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	109	1.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(59 - 138)
	90	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	92	(61 - 130)
Toluene-d8	86	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	88	(47 - 158)
	89	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-662 J8W1K1AD-LCSD
Prep Date.....: 10/11/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7285662
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	96	(58 - 130)			SW846 8260B
	103	(58 - 130)	7.7	(0-30)	SW846 8260B
Benzene	**107**	**(75 - 129)**			**SW846 8260B**
	102	**(75 - 129)**	**4.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	108	(72 - 125)			SW846 8260B
	104	(72 - 125)	3.7	(0-30)	SW846 8260B
Bromoform	108	(43 - 149)			SW846 8260B
	105	(43 - 149)	3.2	(0-30)	SW846 8260B
Bromomethane	102	(24 - 152)			SW846 8260B
	104	(24 - 152)	2.2	(0-30)	SW846 8260B
2-Butanone	98	(27 - 200)			SW846 8260B
	104	(27 - 200)	6.0	(0-46)	SW846 8260B
Carbon disulfide	112	(50 - 137)			SW846 8260B
	110	(50 - 137)	1.9	(0-30)	SW846 8260B
Carbon tetrachloride	110	(57 - 137)			SW846 8260B
	102	(57 - 137)	8.1	(0-30)	SW846 8260B
Chlorobenzene	**105**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**5.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	106	(49 - 135)			SW846 8260B
	102	(49 - 135)	3.4	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	107	(50 - 150)			SW846 8260B
	109	(50 - 150)	2.2	(0-30)	SW846 8260B
Chloroethane	108	(31 - 144)			SW846 8260B
	108	(31 - 144)	0.0	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	103	(73 - 115)	4.8	(0-30)	SW846 8260B
Chloromethane	95	(15 - 136)			SW846 8260B
	91	(15 - 136)	3.8	(0-30)	SW846 8260B
Cyclohexane	106	(50 - 150)			SW846 8260B
	102	(50 - 150)	4.1	(0-20)	SW846 8260B
1,2-Dibromoethane	105	(50 - 150)			SW846 8260B
	107	(50 - 150)	2.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	99	(50 - 150)	5.6	(0-30)	SW846 8260B
1,3-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	98	(50 - 150)	5.7	(0-20)	SW846 8260B
1,4-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	97	(50 - 150)	6.6	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-662 J8W1K1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	78	(50 - 150)			SW846 8260B
	74	(50 - 150)	6.5	(0-20)	SW846 8260B
1,1-Dichloroethane	110	(77 - 119)			SW846 8260B
	105	(77 - 119)	4.5	(0-30)	SW846 8260B
1,2-Dichloroethane	106	(78 - 121)			SW846 8260B
	107	(78 - 121)	1.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**114**	**(55 - 142)**			**SW846 8260B**
	107	**(55 - 142)**	**6.5**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	112	(77 - 114)			SW846 8260B
	108	(77 - 114)	3.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	110	(68 - 117)			SW846 8260B
	104	(68 - 117)	5.6	(0-30)	SW846 8260B
1,2-Dichloropropane	110	(78 - 116)			SW846 8260B
	105	(78 - 116)	4.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	107	(71 - 125)			SW846 8260B
	107	(71 - 125)	0.81	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	104	(67 - 125)			SW846 8260B
	106	(67 - 125)	1.8	(0-30)	SW846 8260B
Ethylbenzene	108	(79 - 114)			SW846 8260B
	103	(79 - 114)	5.4	(0-30)	SW846 8260B
Trichlorofluoromethane	116	(50 - 150)			SW846 8260B
	113	(50 - 150)	2.6	(0-20)	SW846 8260B
2-Hexanone	94	(29 - 200)			SW846 8260B
	108	(29 - 200)	14	(0-41)	SW846 8260B
Isopropylbenzene	123	(50 - 150)			SW846 8260B
	114	(50 - 150)	7.8	(0-20)	SW846 8260B
Methyl acetate	101	(50 - 150)			SW846 8260B
	107	(50 - 150)	5.4	(0-20)	SW846 8260B
Methylcyclohexane	109	(50 - 150)			SW846 8260B
	102	(50 - 150)	6.7	(0-20)	SW846 8260B
Methylene chloride	111	(58 - 130)			SW846 8260B
	107	(58 - 130)	3.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	103	(68 - 142)			SW846 8260B
	111	(68 - 142)	7.9	(0-60)	SW846 8260B
Styrene	110	(80 - 114)			SW846 8260B
	104	(80 - 114)	5.5	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	101	(70 - 133)			SW846 8260B
	104	(70 - 133)	2.7	(0-30)	SW846 8260B
Tetrachloroethene	109	(72 - 120)			SW846 8260B
	103	(72 - 120)	5.2	(0-30)	SW846 8260B
Toluene	**104**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**5.0**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J100111 **Work Order #...:** J8W1K1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-662 J8W1K1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	114	(50 - 150)			SW846 8260B
	110	(50 - 150)	3.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	113	(67 - 123)			SW846 8260B
	108	(67 - 123)	3.9	(0-30)	SW846 8260B
1,1,2-Trichloroethane	105	(82 - 116)			SW846 8260B
	102	(82 - 116)	3.0	(0-30)	SW846 8260B
Trichloroethene	**110**	**(70 - 131)**			**SW846 8260B**
	104	**(70 - 131)**	**6.5**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	131	(50 - 150)			SW846 8260B
	124	(50 - 150)	6.0	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	107	(70 - 130)			SW846 8260B
	99	(70 - 130)	7.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	108	(70 - 130)			SW846 8260B
	102	(70 - 130)	6.0	(0-30)	SW846 8260B
Vinyl chloride	97	(24 - 152)			SW846 8260B
	95	(24 - 152)	2.1	(0-30)	SW846 8260B
Xylenes (total)	108	(80 - 114)			SW846 8260B
	102	(80 - 114)	5.7	(0-30)	SW846 8260B
Methyl tert-butyl ether	110	(70 - 130)			SW846 8260B
	109	(70 - 130)	1.0	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(59 - 138)
	90	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	92	(61 - 130)
Toluene-d8	86	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	88	(47 - 158)
	89	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J100000-347

Prep Date.....: 10/10/07
Analysis Date..: 10/11/07 **Prep Batch #...:** 7283347
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(24 - 112)
2-Fluorobiphenyl	78	(34 - 110)
Terphenyl-d14	101	(41 - 119)
Phenol-d5	80	(28 - 110)
2-Fluorophenol	79	(26 - 110)
2,4,6-Tribromophenol	53	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-347
Prep Date.....: 10/10/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7283347
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	480	ug/kg	72	SW846 8270C
Pyridine	670	280	ug/kg	42	SW846 8270C
Acenaphthene	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
Acenaphthylene	670	450	ug/kg	67	SW846 8270C
Acetophenone	670	420	ug/kg	63	SW846 8270C
Anthracene	670	550	ug/kg	83	SW846 8270C
Atrazine	670	750	ug/kg	112	SW846 8270C
Benzo(a)anthracene	670	580	ug/kg	87	SW846 8270C
Benzo(a)pyrene	670	610	ug/kg	91	SW846 8270C
Benzo(b)fluoranthene	670	630	ug/kg	94	SW846 8270C
Benzo(ghi)perylene	670	610	ug/kg	91	SW846 8270C
Benzo(k)fluoranthene	670	580	ug/kg	87	SW846 8270C
Benzaldehyde	670	470	ug/kg	70	SW846 8270C
1,1'-Biphenyl	670	420	ug/kg	63	SW846 8270C
bis(2-Chloroethoxy) methane	670	450	ug/kg	68	SW846 8270C
bis(2-Chloroethyl)- ether	670	490	ug/kg	73	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	640	ug/kg	97	SW846 8270C
4-Bromophenyl phenyl ether	670	540	ug/kg	81	SW846 8270C
Butyl benzyl phthalate	670	670	ug/kg	101	SW846 8270C
Caprolactam	670	600	ug/kg	90	SW846 8270C
Carbazole	670	610	ug/kg	91	SW846 8270C
4-Chloroaniline	670	370	ug/kg	55	SW846 8270C
4-Chloro-3-methylphenol	**670**	**480**	**ug/kg**	**73**	**SW846 8270C**
2-Chloronaphthalene	670	440	ug/kg	66	SW846 8270C
2-Chlorophenol	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	520	ug/kg	79	SW846 8270C
Chrysene	670	600	ug/kg	90	SW846 8270C
Dibenz(a,h)anthracene	670	600	ug/kg	91	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-347

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	460	ug/kg	69	SW846 8270C
3,3'-Dichlorobenzidine	670	370	ug/kg	55	SW846 8270C
2,4-Dichlorophenol	670	430	ug/kg	65	SW846 8270C
Diethyl phthalate	670	590	ug/kg	89	SW846 8270C
2,4-Dimethylphenol	670	390	ug/kg	58	SW846 8270C
Dimethyl phthalate	670	550	ug/kg	82	SW846 8270C
Di-n-butyl phthalate	670	640	ug/kg	96	SW846 8270C
4,6-Dinitro-2-methylphenol	670	480	ug/kg	72	SW846 8270C
2,4-Dinitrophenol	670	340	ug/kg	51	SW846 8270C
2,4-Dinitrotoluene	**670**	**630**	**ug/kg**	**95**	**SW846 8270C**
2,6-Dinitrotoluene	670	580	ug/kg	87	SW846 8270C
Di-n-octyl phthalate	670	660	ug/kg	99	SW846 8270C
Fluoranthene	670	620	ug/kg	93	SW846 8270C
Fluorene	670	480	ug/kg	72	SW846 8270C
Hexachlorobenzene	670	530	ug/kg	79	SW846 8270C
Hexachlorobutadiene	670	420	ug/kg	63	SW846 8270C
Hexachlorocyclopenta-diene	670	410	ug/kg	62	SW846 8270C
Hexachloroethane	670	400	ug/kg	60	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	610	ug/kg	91	SW846 8270C
Isophorone	670	500	ug/kg	75	SW846 8270C
2-Methylnaphthalene	670	470	ug/kg	71	SW846 8270C
2-Methylphenol	670	470	ug/kg	71	SW846 8270C
4-Methylphenol	1300	880	ug/kg	66	SW846 8270C
Naphthalene	670	410	ug/kg	62	SW846 8270C
2-Nitroaniline	670	570	ug/kg	85	SW846 8270C
3-Nitroaniline	670	530	ug/kg	80	SW846 8270C
4-Nitroaniline	670	580	ug/kg	86	SW846 8270C
Nitrobenzene	670	450	ug/kg	68	SW846 8270C
2-Nitrophenol	670	440	ug/kg	65	SW846 8270C
4-Nitrophenol	**670**	**550**	**ug/kg**	**82**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**480**	**ug/kg**	**72**	**SW846 8270C**
N-Nitrosodiphenylamine	670	590	ug/kg	88	SW846 8270C
Pentachlorophenol	**670**	**310**	**ug/kg**	**46**	**SW846 8270C**
Phenanthrene	670	540	ug/kg	82	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-347

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
Pyrene	**670**	**610**	**ug/kg**	**91**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	490	ug/kg	74	SW846 8270C
2,4,6-Trichloro-phenol	670	410	ug/kg	61	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	62	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	64	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-347
Prep Date.....: 10/10/07 **Analysis Date..:** 10/11/07
Prep Batch #...: 7283347
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	72	(36 - 116)	SW846 8270C
Pyridine	42	(22 - 110)	SW846 8270C
Acenaphthene	**66**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	67	(47 - 110)	SW846 8270C
Acetophenone	63	(50 - 130)	SW846 8270C
Anthracene	83	(56 - 111)	SW846 8270C
Atrazine	112	(50 - 130)	SW846 8270C
Benzo(a)anthracene	87	(58 - 111)	SW846 8270C
Benzo(a)pyrene	91	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	94	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	91	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	87	(38 - 122)	SW846 8270C
Benzaldehyde	70	(10 - 130)	SW846 8270C
1,1'-Biphenyl	63	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	68	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	73	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	97	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	81	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	101	(57 - 121)	SW846 8270C
Caprolactam	90	(50 - 130)	SW846 8270C
Carbazole	91	(56 - 115)	SW846 8270C
4-Chloroaniline	55	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**73**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	66	(46 - 110)	SW846 8270C
2-Chlorophenol	**63**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	79	(53 - 110)	SW846 8270C
Chrysene	90	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	91	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-347

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	69	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	55	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	65	(40 - 110)	SW846 8270C
Diethyl phthalate	89	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	58	(28 - 110)	SW846 8270C
Dimethyl phthalate	82	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	96	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	72	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	51	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**95**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	87	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	99	(45 - 123)	SW846 8270C
Fluoranthene	93	(55 - 118)	SW846 8270C
Fluorene	72	(51 - 110)	SW846 8270C
Hexachlorobenzene	79	(51 - 110)	SW846 8270C
Hexachlorobutadiene	63	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	62	(10 - 110)	SW846 8270C
Hexachloroethane	60	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	91	(45 - 121)	SW846 8270C
Isophorone	75	(46 - 117)	SW846 8270C
2-Methylnaphthalene	71	(46 - 110)	SW846 8270C
2-Methylphenol	71	(36 - 110)	SW846 8270C
4-Methylphenol	66	(40 - 110)	SW846 8270C
Naphthalene	62	(42 - 110)	SW846 8270C
2-Nitroaniline	85	(47 - 124)	SW846 8270C
3-Nitroaniline	80	(44 - 110)	SW846 8270C
4-Nitroaniline	86	(50 - 110)	SW846 8270C
Nitrobenzene	68	(40 - 110)	SW846 8270C
2-Nitrophenol	65	(35 - 110)	SW846 8270C
4-Nitrophenol	**82**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**72**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	88	(54 - 112)	SW846 8270C
Pentachlorophenol	**46**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	82	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-347

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**66**	**(39 - 110)**	**SW846 8270C**
Pyrene	**91**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	74	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	61	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	62	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	64	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283347
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	590	ug/kg	78	3.8	SW846 8270C
Pyridine	ND	750	290	ug/kg	38		SW846 8270C
	ND	750	260	ug/kg	35	10	SW846 8270C
Acenaphthene	**ND**	**750**	**550**	**ug/kg**	**73**		**SW846 8270C**
	ND	**750**	**530**	**ug/kg**	**71**	**3.6**	**SW846 8270C**
Acenaphthylene	ND	750	560	ug/kg	74		SW846 8270C
	ND	750	540	ug/kg	72	2.9	SW846 8270C
Acetophenone	ND	750	490	ug/kg	65		SW846 8270C
	ND	750	490	ug/kg	66	1.0	SW846 8270C
Anthracene	ND	750	580	ug/kg	77		SW846 8270C
	ND	750	550	ug/kg	74	4.8	SW846 8270C
Atrazine	ND	750	720	ug/kg	96		SW846 8270C
	ND	750	660	ug/kg	88	8.8	SW846 8270C
Benzo(a)anthracene	45	750	650	ug/kg	81		SW846 8270C
	45	750	590	ug/kg	73	9.3	SW846 8270C
Benzo(a)pyrene	48	750	700	ug/kg	87		SW846 8270C
	48	750	630	ug/kg	78	9.9	SW846 8270C
Benzo(b)fluoranthene	58	750	680	ug/kg	83		SW846 8270C
	58	750	670	ug/kg	81	1.5	SW846 8270C
Benzo(ghi)perylene	33	750	650	ug/kg	83		SW846 8270C
	33	750	540	ug/kg	67	19	SW846 8270C
Benzo(k)fluoranthene	27	750	690	ug/kg	89		SW846 8270C
	27	750	600	ug/kg	76	14	SW846 8270C
Benzaldehyde	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	550	ug/kg	73	3.4	SW846 8270C
1,1'-Biphenyl	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	490	ug/kg	65	2.5	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	510	ug/kg	69		SW846 8270C
	ND	750	540	ug/kg	72	5.7	SW846 8270C
bis(2-Chloroethyl)-ether	ND	750	520	ug/kg	69		SW846 8270C
	ND	750	650	ug/kg	86	22	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	750	640	ug/kg	86		SW846 8270C
	ND	750	640	ug/kg	85	0.93	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	590	ug/kg	79		SW846 8270C
	ND	750	560	ug/kg	75	5.8	SW846 8270C
Butyl benzyl phthalate	ND	750	660	ug/kg	88		SW846 8270C
	ND	750	650	ug/kg	87	1.1	SW846 8270C
Caprolactam	ND	750	550	ug/kg	73		SW846 8270C
	ND	750	530	ug/kg	71	2.7	SW846 8270C
Carbazole	ND	750	600	ug/kg	80		SW846 8270C
	ND	750	560	ug/kg	75	7.1	SW846 8270C
4-Chloroaniline	ND	750	390	ug/kg	52		SW846 8270C
	ND	750	400	ug/kg	53	2.2	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**560**	**ug/kg**	**74**		**SW846 8270C**
	ND	**750**	**540**	**ug/kg**	**72**	**2.7**	**SW846 8270C**
2-Chloronaphthalene	ND	750	550	ug/kg	73		SW846 8270C
	ND	750	540	ug/kg	72	2.0	SW846 8270C
2-Chlorophenol	**ND**	**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**750**	**520**	**ug/kg**	**70**	**0.79**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	600	ug/kg	80		SW846 8270C
	ND	750	600	ug/kg	79	0.78	SW846 8270C
Chrysene	52	750	670	ug/kg	83		SW846 8270C
	52	750	630	ug/kg	77	7.2	SW846 8270C
Dibenz(a,h)anthracene	ND	750	610	ug/kg	81		SW846 8270C
	ND	750	530	ug/kg	70	14	SW846 8270C
Dibenzofuran	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	540	ug/kg	72	5.6	SW846 8270C
3,3'-Dichlorobenzidine	ND	750	320	ug/kg	43		SW846 8270C
	ND	750	340	ug/kg	46	6.3	SW846 8270C
2,4-Dichlorophenol	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	510	ug/kg	68	4.1	SW846 8270C
Diethyl phthalate	ND	750	610	ug/kg	81		SW846 8270C
	ND	750	590	ug/kg	78	3.4	SW846 8270C
2,4-Dimethylphenol	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	470	ug/kg	62	1.5	SW846 8270C
Dimethyl phthalate	ND	750	590	ug/kg	79		SW846 8270C
	ND	750	580	ug/kg	77	2.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	750	630	ug/kg	84		SW846 8270C
	ND	750	600	ug/kg	81	3.8	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	200	ug/kg	27		SW846 8270C
	ND	750	70	ug/kg	9.4	96	SW846 8270C
	Qualifiers:	a,p					
2,4-Dinitrophenol	ND	750	120	ug/kg	16		SW846 8270C
	ND	750		ug/kg	10 p	43	SW846 8270C
2,4-Dinitrotoluene	**ND**	**750**	**640**	**ug/kg**	**85**		**SW846 8270C**
	ND	**750**	**600**	**ug/kg**	**79**	**6.4**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	620	ug/kg	83		SW846 8270C
	ND	750	590	ug/kg	78	5.8	SW846 8270C
Di-n-octyl phthalate	ND	750	690	ug/kg	92		SW846 8270C
	ND	750	720	ug/kg	95	3.8	SW846 8270C
Fluoranthene	81	750	710	ug/kg	84		SW846 8270C
	81	750	630	ug/kg	73	12	SW846 8270C
Fluorene	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	540	ug/kg	72	4.0	SW846 8270C
Hexachlorobenzene	ND	750	550	ug/kg	74		SW846 8270C
	ND	750	520	ug/kg	69	6.0	SW846 8270C
Hexachlorobutadiene	ND	750	470	ug/kg	62		SW846 8270C
	ND	750	490	ug/kg	65	4.5	SW846 8270C
Hexachlorocyclopenta-diene	ND	750	230	ug/kg	30		SW846 8270C
	ND	750	150	ug/kg	20 p	39	SW846 8270C
Hexachloroethane	ND	750	450	ug/kg	60		SW846 8270C
	ND	750	450	ug/kg	60	0.06	SW846 8270C
Indeno(1,2,3-cd)pyrene	29	750	640	ug/kg	82		SW846 8270C
	29	750	550	ug/kg	69	16	SW846 8270C
Isophorone	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	590	ug/kg	79	4.4	SW846 8270C
2-Methylnaphthalene	ND	750	550	ug/kg	74		SW846 8270C
	ND	750	570	ug/kg	76	2.6	SW846 8270C
2-Methylphenol	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	500	ug/kg	66	14	SW846 8270C
4-Methylphenol	ND	1500	1100	ug/kg	72		SW846 8270C
	ND	1500	1000	ug/kg	69	3.9	SW846 8270C
Naphthalene	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	490	ug/kg	65	3.0	SW846 8270C
2-Nitroaniline	ND	750	670	ug/kg	90		SW846 8270C
	ND	750	650	ug/kg	87	3.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	750	580	ug/kg	77		SW846 8270C
	ND	750	580	ug/kg	77	0.16	SW846 8270C
4-Nitroaniline	ND	750	570	ug/kg	77		SW846 8270C
	ND	750	590	ug/kg	79	3.1	SW846 8270C
Nitrobenzene	ND	750	520	ug/kg	70		SW846 8270C
	ND	750	520	ug/kg	70	0.51	SW846 8270C
2-Nitrophenol	ND	750	470	ug/kg	62		SW846 8270C
	ND	750	440	ug/kg	59	5.7	SW846 8270C
4-Nitrophenol	**ND**	**750**	**530**	**ug/kg**	**70**		**SW846 8270C**
	ND	**750**	**460**	**ug/kg**	**62**	**13**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**580**	**ug/kg**	**78**		**SW846 8270C**
	ND	**750**	**580**	**ug/kg**	**78**	**0.20**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	750	640	ug/kg	85		SW846 8270C
	ND	750	600	ug/kg	80	5.9	SW846 8270C
Pentachlorophenol	**ND**	**750**	**280**	**ug/kg**	**37**		**SW846 8270C**
	ND	**750**	**160**	**ug/kg**	**21 p**	**56**	**SW846 8270C**
Phenanthrene	33	750	620	ug/kg	78		SW846 8270C
	33	750	560	ug/kg	71	9.0	SW846 8270C
Phenol	**ND**	**750**	**530**	**ug/kg**	**71**		**SW846 8270C**
	ND	**750**	**530**	**ug/kg**	**70**	**0.0**	**SW846 8270C**
Pyrene	**71**	**750**	**700**	**ug/kg**	**84**		**SW846 8270C**
	71	**750**	**620**	**ug/kg**	**73**	**13**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	520	ug/kg	70	6.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	520	ug/kg	69	4.0	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
	67	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
	67	(34 - 110)
Terphenyl-d14	76	(41 - 119)
	75	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	66	(28 - 110)
	70	(28 - 110)
2-Fluorophenol	63	(26 - 110)
	67	(26 - 110)
2,4,6-Tribromophenol	58	(10 - 118)
	59	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283347
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	75	(25 - 124)			SW846 8270C
	78	(25 - 124)	3.8	(0-30)	SW846 8270C
Pyridine	38	(10 - 110)			SW846 8270C
	35	(10 - 110)	10	(0-30)	SW846 8270C
Acenaphthene	**73**	**(10 - 200)**			**SW846 8270C**
	71	**(10 - 200)**	**3.6**	**(0-30)**	**SW846 8270C**
Acenaphthylene	74	(10 - 200)			SW846 8270C
	72	(10 - 200)	2.9	(0-30)	SW846 8270C
Acetophenone	65	(50 - 130)			SW846 8270C
	66	(50 - 130)	1.0	(0-30)	SW846 8270C
Anthracene	77	(10 - 200)			SW846 8270C
	74	(10 - 200)	4.8	(0-30)	SW846 8270C
Atrazine	96	(50 - 130)			SW846 8270C
	88	(50 - 130)	8.8	(0-30)	SW846 8270C
Benzo(a)anthracene	81	(10 - 200)			SW846 8270C
	73	(10 - 200)	9.3	(0-30)	SW846 8270C
Benzo(a)pyrene	87	(10 - 200)			SW846 8270C
	78	(10 - 200)	9.9	(0-30)	SW846 8270C
Benzo(b)fluoranthene	83	(10 - 200)			SW846 8270C
	81	(10 - 200)	1.5	(0-30)	SW846 8270C
Benzo(ghi)perylene	83	(10 - 200)			SW846 8270C
	67	(10 - 200)	19	(0-30)	SW846 8270C
Benzo(k)fluoranthene	89	(10 - 200)			SW846 8270C
	76	(10 - 200)	14	(0-30)	SW846 8270C
Benzaldehyde	71	(10 - 130)			SW846 8270C
	73	(10 - 130)	3.4	(0-30)	SW846 8270C
1,1'-Biphenyl	67	(50 - 130)			SW846 8270C
	65	(50 - 130)	2.5	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	69	(36 - 110)			SW846 8270C
	72	(36 - 110)	5.7	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	69	(32 - 118)			SW846 8270C
	86	(32 - 118)	22	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	86	(10 - 200)			SW846 8270C
	85	(10 - 200)	0.93	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	79	(44 - 120)			SW846 8270C
	75	(44 - 120)	5.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	88	(43 - 138)			SW846 8270C
	87	(43 - 138)	1.1	(0-30)	SW846 8270C
Caprolactam	73	(50 - 130)			SW846 8270C
	71	(50 - 130)	2.7	(0-30)	SW846 8270C
Carbazole	80	(10 - 162)			SW846 8270C
	75	(10 - 162)	7.1	(0-30)	SW846 8270C
4-Chloroaniline	52	(11 - 110)			SW846 8270C
	53	(11 - 110)	2.2	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**74**	**(32 - 117)**			**SW846 8270C**
	72	**(32 - 117)**	**2.7**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	73	(40 - 110)			SW846 8270C
	72	(40 - 110)	2.0	(0-30)	SW846 8270C
2-Chlorophenol	**69**	**(32 - 110)**			**SW846 8270C**
	70	**(32 - 110)**	**0.79**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	80	(47 - 116)			SW846 8270C
	79	(47 - 116)	0.78	(0-30)	SW846 8270C
Chrysene	83	(10 - 200)			SW846 8270C
	77	(10 - 200)	7.2	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	81	(10 - 200)			SW846 8270C
	70	(10 - 200)	14	(0-30)	SW846 8270C
Dibenzofuran	76	(10 - 200)			SW846 8270C
	72	(10 - 200)	5.6	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	43	(10 - 110)			SW846 8270C
	46	(10 - 110)	6.3	(0-30)	SW846 8270C
2,4-Dichlorophenol	71	(33 - 110)			SW846 8270C
	68	(33 - 110)	4.1	(0-30)	SW846 8270C
Diethyl phthalate	81	(48 - 118)			SW846 8270C
	78	(48 - 118)	3.4	(0-30)	SW846 8270C
2,4-Dimethylphenol	63	(19 - 114)			SW846 8270C
	62	(19 - 114)	1.5	(0-30)	SW846 8270C
Dimethyl phthalate	79	(47 - 116)			SW846 8270C
	77	(47 - 116)	2.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	84	(31 - 145)			SW846 8270C
	81	(31 - 145)	3.8	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	27	(10 - 110)			SW846 8270C
	9.4 a,p	(10 - 110)	96	(0-30)	SW846 8270C
2,4-Dinitrophenol	16	(10 - 110)			SW846 8270C
	10 p	(10 - 110)	43	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**85**	**(42 - 118)**			**SW846 8270C**
	79	**(42 - 118)**	**6.4**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	83	(28 - 137)			SW846 8270C
	78	(28 - 137)	5.8	(0-30)	SW846 8270C
Di-n-octyl phthalate	92	(10 - 182)			SW846 8270C
	95	(10 - 182)	3.8	(0-30)	SW846 8270C
Fluoranthene	84	(10 - 200)			SW846 8270C
	73	(10 - 200)	12	(0-30)	SW846 8270C
Fluorene	75	(10 - 187)			SW846 8270C
	72	(10 - 187)	4.0	(0-30)	SW846 8270C
Hexachlorobenzene	74	(37 - 122)			SW846 8270C
	69	(37 - 122)	6.0	(0-30)	SW846 8270C
Hexachlorobutadiene	62	(30 - 110)			SW846 8270C
	65	(30 - 110)	4.5	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	30	(10 - 110)			SW846 8270C
	20 p	(10 - 110)	39	(0-30)	SW846 8270C
Hexachloroethane	60	(13 - 110)			SW846 8270C
	60	(13 - 110)	0.06	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	82	(10 - 200)			SW846 8270C
	69	(10 - 200)	16	(0-30)	SW846 8270C
Isophorone	76	(32 - 129)			SW846 8270C
	79	(32 - 129)	4.4	(0-30)	SW846 8270C
2-Methylnaphthalene	74	(10 - 200)			SW846 8270C
	76	(10 - 200)	2.6	(0-30)	SW846 8270C
2-Methylphenol	76	(19 - 124)			SW846 8270C
	66	(19 - 124)	14	(0-30)	SW846 8270C
4-Methylphenol	72	(27 - 116)			SW846 8270C
	69	(27 - 116)	3.9	(0-30)	SW846 8270C
Naphthalene	63	(10 - 200)			SW846 8270C
	65	(10 - 200)	3.0	(0-30)	SW846 8270C
2-Nitroaniline	90	(31 - 141)			SW846 8270C
	87	(31 - 141)	3.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	77	(24 - 110)			SW846 8270C
	77	(24 - 110)	0.16	(0-30)	SW846 8270C
4-Nitroaniline	77	(23 - 124)			SW846 8270C
	79	(23 - 124)	3.1	(0-30)	SW846 8270C
Nitrobenzene	70	(33 - 111)			SW846 8270C
	70	(33 - 111)	0.51	(0-30)	SW846 8270C
2-Nitrophenol	62	(17 - 110)			SW846 8270C
	59	(17 - 110)	5.7	(0-30)	SW846 8270C
4-Nitrophenol	**70**	**(10 - 125)**			**SW846 8270C**
	62	**(10 - 125)**	**13**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**78**	**(30 - 121)**			**SW846 8270C**
	78	**(30 - 121)**	**0.20**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	85	(10 - 169)			SW846 8270C
	80	(10 - 169)	5.9	(0-30)	SW846 8270C
Pentachlorophenol	**37**	**(10 - 182)**			**SW846 8270C**
	21 p	**(10 - 182)**	**56**	**(0-30)**	**SW846 8270C**
Phenanthrene	78	(10 - 200)			SW846 8270C
	71	(10 - 200)	9.0	(0-30)	SW846 8270C
Phenol	**71**	**(10 - 144)**			**SW846 8270C**
	70	**(10 - 144)**	**0.0**	**(0-30)**	**SW846 8270C**
Pyrene	**84**	**(10 - 200)**			**SW846 8270C**
	73	**(10 - 200)**	**13**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	75	(32 - 112)			SW846 8270C
	70	(32 - 112)	6.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	72	(22 - 110)			SW846 8270C
	69	(22 - 110)	4.0	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
	67	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
	67	(34 - 110)
Terphenyl-d14	76	(41 - 119)
	75	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CD-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CE-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	66	(28 - 110)
	70	(28 - 110)
2-Fluorophenol	63	(26 - 110)
	67	(26 - 110)
2,4,6-Tribromophenol	58	(10 - 118)
	59	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWC1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J100000-333
Prep Date.....: 10/10/07
Analysis Date..: 10/12/07 **Prep Batch #...:** 7283333
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	55	(10 - 196)
Decachlorobiphenyl	60	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWC1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-333
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**240**	**ug/kg**	**72**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**89**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	29	(10 - 196)
Decachlorobiphenyl	77	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8LWC1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J100000-333
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**72**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**89**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	29	(10 - 196)
Decachlorobiphenyl	77	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CC-MSD
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**310**	**ug/kg**	**82**		**SW846 8082**
	ND	**370**	**300**	**ug/kg**	**81**	**1.1**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**260**	**ug/kg**	**68**		**SW846 8082**
	ND	**370**	**250**	**ug/kg**	**68**	**0.75**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
	85	(10 - 196)
Decachlorobiphenyl	58	(10 - 199)
	59	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J100111 **Work Order #...:** J8K021CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J100111-001 J8K021CC-MSD
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07
Prep Date.....: 10/10/07 **Analysis Date..:** 10/12/07
Prep Batch #...: 7283333
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**82**	**(10 - 199)**			**SW846 8082**
	81	**(10 - 199)**	**1.1**	**(0-30)**	**SW846 8082**
Aroclor 1260	**68**	**(10 - 199)**			**SW846 8082**
	68	**(10 - 199)**	**0.75**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
	85	(10 - 196)
Decachlorobiphenyl	58	(10 - 199)
	59	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J110000-023 **Prep Batch #...:** 7284023						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/11/07	J8NFN1AC
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	10/11/07	J8NFN1AV
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/11-10/15/07	J8NFN1AW
		Dilution Factor: 1				
Barium	**0.086 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/11/07**	**J8NFN1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/11/07	J8NFN1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/11/07	J8NFN1AF
		Dilution Factor: 1				
Calcium	ND	400	mg/kg	SW846 6010B	10/11/07	J8NFN1AG
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/11/07	J8NFN1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/11/07	J8NFN1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/11/07	J8NFN1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/11/07	J8NFN1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/11/07	J8NFN1AU
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	10/11/07	J8NFN1AL
		Dilution Factor: 1				
Manganese	ND	0.80	mg/kg	SW846 6010B	10/11/07	J8NFN1AM
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/11-10/12/07	J8NFN1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/11/07	J8NFN1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	10/11/07	J8NFN1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/11-10/15/07	J8NFN1AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	10/11/07	J8NFN1A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/11/07	J8NFN1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/11/07	J8NFN1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/11/07	J8NFN1AR
		Dilution Factor: 1				
Zinc	ND	0.80	mg/kg	SW846 6020	10/11-10/15/07	J8NFN1A2
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J110000-023 **Prep Batch #...:** 7284023							
Mercury	0.83	0.82	mg/kg	99	SW846 7471A	10/11-10/12/07	J8NFN1A3
			Dilution Factor: 1				
Aluminum	200	187	mg/kg	94	SW846 6010B	10/11/07	J8NFN1A4
			Dilution Factor: 1				
Barium	200	192	mg/kg	96	SW846 6010B	10/11/07	J8NFN1A5
			Dilution Factor: 1				
Beryllium	5.0	4.8	mg/kg	97	SW846 6010B	10/11/07	J8NFN1A6
			Dilution Factor: 1				
Cadmium	5.0	4.8	mg/kg	96	SW846 6010B	10/11/07	J8NFN1A7
			Dilution Factor: 1				
Calcium	5000	4420	mg/kg	88	SW846 6010B	10/11/07	J8NFN1A8
			Dilution Factor: 1				
Cobalt	50.0	50.1	mg/kg	100	SW846 6010B	10/11/07	J8NFN1A9
			Dilution Factor: 1				
Copper	25.0	24.4	mg/kg	98	SW846 6010B	10/11/07	J8NFN1CA
			Dilution Factor: 1				
Iron	100	97.1	mg/kg	97	SW846 6010B	10/11/07	J8NFN1CC
			Dilution Factor: 1				
Magnesium	5000	4430	mg/kg	89	SW846 6010B	10/11/07	J8NFN1CD
			Dilution Factor: 1				
Manganese	50.0	49.5	mg/kg	99	SW846 6010B	10/11/07	J8NFN1CE
			Dilution Factor: 1				
Nickel	50.0	49.1	mg/kg	98	SW846 6010B	10/11/07	J8NFN1CF
			Dilution Factor: 1				
Potassium	5000	4690	mg/kg	94	SW846 6010B	10/11/07	J8NFN1CG
			Dilution Factor: 1				
Sodium	5000	4400	mg/kg	88	SW846 6010B	10/11/07	J8NFN1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	47.5	mg/kg	95	SW846 6010B	10/11/07	J8NFN1CJ
			Dilution Factor: 1				
Chromium	20.0	19.2	mg/kg	96	SW846 6010B	10/11/07	J8NFN1CK
			Dilution Factor: 1				
Lead	50.0	48.0	mg/kg	96	SW846 6010B	10/11/07	J8NFN1CL
			Dilution Factor: 1				
Antimony	50.0	43.5	mg/kg	87	SW846 6020	10/11/07	J8NFN1CM
			Dilution Factor: 10				
Arsenic	10.0	8.0	mg/kg	80	SW846 6020	10/11-10/15/07	J8NFN1CN
			Dilution Factor: 1				
Selenium	10.0	8.0	mg/kg	80	SW846 6020	10/11-10/15/07	J8NFN1CP
			Dilution Factor: 1				
Silver	5.0	4.6	mg/kg	92	SW846 6020	10/11/07	J8NFN1CQ
			Dilution Factor: 10				
Thallium	10.0	8.0	mg/kg	80	SW846 6020	10/11/07	J8NFN1CR
			Dilution Factor: 1				
Zinc	10.0	8.5	mg/kg	85	SW846 6020	10/11-10/15/07	J8NFN1CT
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J110000-023 **Prep Batch #...:** 7284023					
Mercury	99	(81 - 116)	SW846 7471A	10/11-10/12/07	J8NFN1A3
		Dilution Factor: 1			
Aluminum	94	(80 - 120)	SW846 6010B	10/11/07	J8NFN1A4
		Dilution Factor: 1			
Barium	96	(80 - 120)	SW846 6010B	10/11/07	J8NFN1A5
		Dilution Factor: 1			
Beryllium	97	(80 - 120)	SW846 6010B	10/11/07	J8NFN1A6
		Dilution Factor: 1			
Cadmium	96	(80 - 120)	SW846 6010B	10/11/07	J8NFN1A7
		Dilution Factor: 1			
Calcium	88	(80 - 120)	SW846 6010B	10/11/07	J8NFN1A8
		Dilution Factor: 1			
Cobalt	100	(80 - 120)	SW846 6010B	10/11/07	J8NFN1A9
		Dilution Factor: 1			
Copper	98	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CA
		Dilution Factor: 1			
Iron	97	(73 - 137)	SW846 6010B	10/11/07	J8NFN1CC
		Dilution Factor: 1			
Magnesium	89	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CD
		Dilution Factor: 1			
Manganese	99	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CE
		Dilution Factor: 1			
Nickel	98	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CF
		Dilution Factor: 1			
Potassium	94	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CG
		Dilution Factor: 1			
Sodium	88	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CH
		Dilution Factor: 1			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	95	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CJ
		Dilution Factor: 1			
Chromium	96	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CK
		Dilution Factor: 1			
Lead	96	(80 - 120)	SW846 6010B	10/11/07	J8NFN1CL
		Dilution Factor: 1			
Antimony	87	(71 - 123)	SW846 6020	10/11/07	J8NFN1CM
		Dilution Factor: 10			
Arsenic	80	(73 - 110)	SW846 6020	10/11-10/15/07	J8NFN1CN
		Dilution Factor: 1			
Selenium	80	(73 - 110)	SW846 6020	10/11-10/15/07	J8NFN1CP
		Dilution Factor: 1			
Silver	92	(65 - 110)	SW846 6020	10/11/07	J8NFN1CQ
		Dilution Factor: 10			
Thallium	80	(71 - 110)	SW846 6020	10/11/07	J8NFN1CR
		Dilution Factor: 1			
Zinc	85	(72 - 113)	SW846 6020	10/11-10/15/07	J8NFN1CT
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J100111-001 **Prep Batch #...:** 7284023									
Aluminum									
	8250	225	8820	mg/kg			SW846 6010B	10/11/07	J8K021CH
			Qualifiers: NC,MSB						
	8250	225	3700	mg/kg			SW846 6010B	10/11/07	J8K021CJ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.13	56.4	16.9	mg/kg	30		SW846 6020	10/11/07	J8K021DK
	0.13	56.4	26.5 *	mg/kg	47	44	SW846 6020	10/11/07	J8K021DL
			Dilution Factor: 10						
Arsenic									
	4.1	11.3	16.0	mg/kg	105		SW846 6020	10/11/07	J8K021DM
	4.1	11.3	13.0	mg/kg	79	20	SW846 6020	10/11/07	J8K021DN
			Dilution Factor: 1						
Barium									
	40.4	225	241	mg/kg	89		SW846 6010B	10/11/07	J8K021CK
	40.4	225	227	mg/kg	83	5.9	SW846 6010B	10/11/07	J8K021CL
			Dilution Factor: 1						
Beryllium									
	0.069	5.6	5.0	mg/kg	87		SW846 6010B	10/11/07	J8K021CM
	0.069	5.6	5.2	mg/kg	90	3.8	SW846 6010B	10/11/07	J8K021CN
			Dilution Factor: 1						
Cadmium									
	0.074	5.6	5.0	mg/kg	87		SW846 6010B	10/11/07	J8K021CP
	0.074	5.6	5.2	mg/kg	90	4.0	SW846 6010B	10/11/07	J8K021CQ
			Dilution Factor: 1						
Calcium									
	7660	5640	24400 N	mg/kg	298		SW846 6010B	10/11/07	J8K021CR
	7660	5640	14400 *	mg/kg	119	52	SW846 6010B	10/11/07	J8K021CT
			Dilution Factor: 1						
Chromium									
	16.6	22.5	34.9	mg/kg	81		SW846 6010B	10/11/07	J8K021DF
	16.6	22.5	26.9	mg/kg	46	26	SW846 6010B	10/11/07	J8K021DG
			Qualifiers: N,*						
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	7.5	56.4	57.3	mg/kg	88		SW846 6010B	10/11/07	J8K021CU
	7.5	56.4	56.4	mg/kg	87	1.5	SW846 6010B	10/11/07	J8K021CV
			Dilution Factor: 1						
Copper									
	12.8	28.2	49.2 N	mg/kg	129		SW846 6010B	10/11/07	J8K021CW
	12.8	28.2	43.8	mg/kg	110	12	SW846 6010B	10/11/07	J8K021CX
			Dilution Factor: 1						
Iron									
	19700	113	16600	mg/kg			SW846 6010B	10/11/07	J8K021C0
			Qualifiers: NC,MSB						
	19700	113	7010	mg/kg			SW846 6010B	10/11/07	J8K021C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	15.3	56.4	80.5	mg/kg	116		SW846 6010B	10/11/07	J8K021DH
	15.3	56.4	71.6	mg/kg	100	12	SW846 6010B	10/11/07	J8K021DJ
			Dilution Factor: 1						
Magnesium									
	3890	5640	10400	mg/kg	115		SW846 6010B	10/11/07	J8K021C2
	3890	5640	8090 *	mg/kg	75	25	SW846 6010B	10/11/07	J8K021C3
			Dilution Factor: 1						
Manganese									
	279	56.4	417	mg/kg			SW846 6010B	10/11/07	J8K021C4
			Qualifiers: NC,MSB						
	279	56.4	216	mg/kg			SW846 6010B	10/11/07	J8K021C5
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.046	0.19	0.22	mg/kg	92		SW846 7471A	10/11-10/12/07	J8K021CF
	0.046	0.19	0.22	mg/kg	90	1.7	SW846 7471A	10/11-10/12/07	J8K021CG
			Dilution Factor: 1						
Nickel									
	16.9	56.4	68.7	mg/kg	92		SW846 6010B	10/11/07	J8K021C6
	16.9	56.4	60.0	mg/kg	76	14	SW846 6010B	10/11/07	J8K021C7
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	1160	5640	6370	mg/kg	92		SW846 6010B	10/11/07	J8K021C8
	1160	5640	5900	mg/kg	84	7.6	SW846 6010B	10/11/07	J8K021C9
			Dilution Factor: 1						
Selenium									
	ND	11.3	8.7	mg/kg	77		SW846 6020	10/11/07	J8K021DP
	ND	11.3	8.4	mg/kg	74	4.1	SW846 6020	10/11/07	J8K021DQ
			Dilution Factor: 1						
Silver									
	0.077	5.6	4.8	mg/kg	83		SW846 6020	10/11/07	J8K021DR
	0.077	5.6	5.0	mg/kg	88	5.2	SW846 6020	10/11/07	J8K021DT
			Dilution Factor: 10						
Sodium									
	ND	5640	4850	mg/kg	86		SW846 6010B	10/11/07	J8K021DA
	ND	5640	4960	mg/kg	88	2.4	SW846 6010B	10/11/07	J8K021DC
			Dilution Factor: 1						
Thallium									
	0.12	11.3	9.3	mg/kg	81		SW846 6020	10/11/07	J8K021DU
	0.12	11.3	8.8	mg/kg	77	5.0	SW846 6020	10/11/07	J8K021DV
			Dilution Factor: 1						
Vanadium									
	20.9	56.4	70.6	mg/kg	88		SW846 6010B	10/11/07	J8K021DD
	20.9	56.4	59.7 N	mg/kg	69	17	SW846 6010B	10/11/07	J8K021DE
			Dilution Factor: 1						
Zinc									
	40.5	11.3	76.9 N	mg/kg	323		SW846 6020	10/11/07	J8K021DW
	40.5	11.3	59.9 *	mg/kg	172	25	SW846 6020	10/11/07	J8K021DX
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

* Relative percent difference (RPD) is outside stated control limits.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J100111-001 **Prep Batch #...:** 7284023							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/11/07	J8K021CH
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/11/07	J8K021CJ
		Dilution Factor: 1					
Antimony	30	(10 - 178)			SW846 6020	10/11/07	J8K021DK
	47 *	(10 - 178)	44	(0-20)	SW846 6020	10/11/07	J8K021DL
		Dilution Factor: 10					
Arsenic	105	(23 - 131)			SW846 6020	10/11/07	J8K021DM
	79	(23 - 131)	20	(0-20)	SW846 6020	10/11/07	J8K021DN
		Dilution Factor: 1					
Barium	89	(75 - 125)			SW846 6010B	10/11/07	J8K021CK
	83	(75 - 125)	5.9	(0-20)	SW846 6010B	10/11/07	J8K021CL
		Dilution Factor: 1					
Beryllium	87	(75 - 125)			SW846 6010B	10/11/07	J8K021CM
	90	(75 - 125)	3.8	(0-20)	SW846 6010B	10/11/07	J8K021CN
		Dilution Factor: 1					
Cadmium	87	(75 - 125)			SW846 6010B	10/11/07	J8K021CP
	90	(75 - 125)	4.0	(0-20)	SW846 6010B	10/11/07	J8K021CQ
		Dilution Factor: 1					
Calcium	298 N	(75 - 125)			SW846 6010B	10/11/07	J8K021CR
	119 *	(75 - 125)	52	(0-20)	SW846 6010B	10/11/07	J8K021CT
		Dilution Factor: 1					
Chromium	81	(75 - 125)			SW846 6010B	10/11/07	J8K021DF
	46 N,*	(75 - 125)	26	(0-20)	SW846 6010B	10/11/07	J8K021DG
		Dilution Factor: 1					
Cobalt	88	(75 - 125)			SW846 6010B	10/11/07	J8K021CU
	87	(75 - 125)	1.5	(0-20)	SW846 6010B	10/11/07	J8K021CV
		Dilution Factor: 1					
Copper	129 N	(75 - 125)			SW846 6010B	10/11/07	J8K021CW
	110	(75 - 125)	12	(0-20)	SW846 6010B	10/11/07	J8K021CX
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/11/07	J8K021C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/11/07	J8K021C1
		Dilution Factor: 1					
Lead	116	(75 - 125)			SW846 6010B	10/11/07	J8K021DH
	100	(75 - 125)	12	(0-20)	SW846 6010B	10/11/07	J8K021DJ
		Dilution Factor: 1					
Magnesium	115	(75 - 125)			SW846 6010B	10/11/07	J8K021C2
	75 *	(75 - 125)	25	(0-20)	SW846 6010B	10/11/07	J8K021C3
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/11/07	J8K021C4
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/11/07	J8K021C5
		Dilution Factor: 1					
Mercury	92	(11 - 192)			SW846 7471A	10/11-10/12/07	J8K021CF
	90	(11 - 192)	1.7	(0-20)	SW846 7471A	10/11-10/12/07	J8K021CG
		Dilution Factor: 1					
Nickel	92	(75 - 125)			SW846 6010B	10/11/07	J8K021C6
	76	(75 - 125)	14	(0-20)	SW846 6010B	10/11/07	J8K021C7
		Dilution Factor: 1					
Potassium	92	(75 - 125)			SW846 6010B	10/11/07	J8K021C8
	84	(75 - 125)	7.6	(0-20)	SW846 6010B	10/11/07	J8K021C9
		Dilution Factor: 1					
Selenium	77	(39 - 116)			SW846 6020	10/11/07	J8K021DP
	74	(39 - 116)	4.1	(0-20)	SW846 6020	10/11/07	J8K021DQ
		Dilution Factor: 1					
Silver	83	(52 - 110)			SW846 6020	10/11/07	J8K021DR
	88	(52 - 110)	5.2	(0-20)	SW846 6020	10/11/07	J8K021DT
		Dilution Factor: 10					
Sodium	86	(75 - 125)			SW846 6010B	10/11/07	J8K021DA
	88	(75 - 125)	2.4	(0-20)	SW846 6010B	10/11/07	J8K021DC
		Dilution Factor: 1					
Thallium	81	(62 - 110)			SW846 6020	10/11/07	J8K021DU
	77	(62 - 110)	5.0	(0-20)	SW846 6020	10/11/07	J8K021DV
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 09:00 **Date Received..:** 10/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	88	(75 - 125)			SW846 6010B	10/11/07	J8K021DD
	69 N	(75 - 125)	17	(0-20)	SW846 6010B	10/11/07	J8K021DE
		Dilution Factor: 1					
Zinc	323 N	(10 - 199)			SW846 6020	10/11/07	J8K021DW
	172 *	(10 - 199)	25	(0-20)	SW846 6020	10/11/07	J8K021DX
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

* Relative percent difference (RPD) is outside stated control limits.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J810N1AA		MB Lot-Sample #:	A7J150000-428	
	ND	0.20	mg/kg	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: J8TTT1AA		MB Lot-Sample #:	A7J110000-616	
	0.60 B	**0.80**	**mg/kg**	**SW846 7196A**	**10/11-10/12/07**	**7284616**
		Dilution Factor: 1				
Percent Solids		Work Order #: J8W5H1AA		MB Lot-Sample #:	A7J130000-057	
	ND	10.0	%	MCAWW 160.3 MOD	10/12-10/13/07	7286057
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J810N1AC		LCS Lot-Sample#: A7J150000-428			
	18.5	17.2	mg/kg	93	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: J8TTT1AC		LCS Lot-Sample#: A7J110000-616			
	644	760	mg/kg	118	SW846 7196A	10/11-10/12/07	7284616
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J100111 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J810N1AC	LCS Lot-Sample#: A7J150000-428		
	93	(68 - 123)	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: J8TTT1AC	LCS Lot-Sample#: A7J110000-616		
	118	(10 - 200)	SW846 7196A	10/11-10/12/07	7284616
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: J8K1Q1CA-MS/J8K1Q1CC-MSD				MS Lot-Sample #: A7J100111-006		
	0.48	2.2	2.2	mg/kg	75		SW846 9012A	10/15/07	7288428
	0.48	2.2	2.7 *	mg/kg	97	21	SW846 9012A	10/15/07	7288428
			Dilution Factor: 1						

NOTE(S):

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

* Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J100111 **Matrix.....:** SO
Date Sampled...: 10/09/07 16:10 **Date Received..:** 10/10/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: J8K1Q1CA-MS/J8K1Q1CC-MSD				MS Lot-Sample #: A7J100111-006	
	75	(50 - 134)			SW846 9012A	10/15/07	7288428
	97 *	(50 - 134)	21	(0-20)	SW846 9012A	10/15/07	7288428
		Dilution Factor: 1					

NOTE(S):

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

* Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J100111 **Work Order #...:** J8RW3-SMP **Matrix.....:** SOLID
J8RW3-DUP
Date Sampled...: 10/11/07 12:50 **Date Received..:** 10/12/07
% Moisture.....: 15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J120128-001		
	84.6	83.7	%	1.1	(0-20)	MCAWW 160.3 MOD	10/12-10/13/07	7286057

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J170210

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 25, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J170210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101607-CB-051 10/16/07 07:45 001				
Trivalent Chromium	10.3	0.47	mg/kg	SW846 7196A
Silver	0.071 B,J	0.094	mg/kg	SW846 6020
Arsenic	5.5	0.094	mg/kg	SW846 6020
Antimony	5.5 J	0.19	mg/kg	SW846 6020
Selenium	0.37	0.20	mg/kg	SW846 6020
Thallium	0.11 J	0.094	mg/kg	SW846 6020
Zinc	25.4 J	0.94	mg/kg	SW846 6020
Mercury	0.034 B	0.047	mg/kg	SW846 7471A
Aluminum	4120	18.7	mg/kg	SW846 6010B
Barium	71.6 J	0.94	mg/kg	SW846 6010B
Beryllium	0.41	0.19	mg/kg	SW846 6010B
Calcium	1590	468	mg/kg	SW846 6010B
Cadmium	0.28	0.094	mg/kg	SW846 6010B
Cobalt	5.2	0.47	mg/kg	SW846 6010B
Chromium	10.9	0.47	mg/kg	SW846 6010B
Copper	284	0.94	mg/kg	SW846 6010B
Iron	7280	9.4	mg/kg	SW846 6010B
Potassium	473 J	468	mg/kg	SW846 6010B
Magnesium	830 J	93.6	mg/kg	SW846 6010B
Manganese	441 J	0.94	mg/kg	SW846 6010B
Sodium	431	93.6	mg/kg	SW846 6010B
Nickel	7.0	0.94	mg/kg	SW846 6010B
Lead	301	0.28	mg/kg	SW846 6010B
Vanadium	23.7	0.94	mg/kg	SW846 6010B
Benzo(b)fluoranthene	8.1	7.8	ug/kg	SW846 8270C
Fluoranthene	11	7.8	ug/kg	SW846 8270C
Naphthalene	8.5	7.8	ug/kg	SW846 8270C
Phenanthrene	9.1	7.8	ug/kg	SW846 8270C
Pyrene	10	7.8	ug/kg	SW846 8270C
Acetone	60	15	ug/kg	SW846 8260B
2-Butanone	15	15	ug/kg	SW846 8260B
Hexavalent Chromium	0.57 B	0.94	mg/kg	SW846 7196A
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
SO-17322-101607-CB-053 10/16/07 08:20 002				
Trivalent Chromium	12.7	0.45	mg/kg	SW846 7196A
Zinc	9.9 J	0.91	mg/kg	SW846 6020
Silver	0.073 B,J	0.091	mg/kg	SW846 6020
Arsenic	1.5	0.091	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J170210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101607-CB-053 10/16/07 08:20 002				
Antimony	0.12 B,J	0.18	mg/kg	SW846 6020
Thallium	0.062 B,J	0.091	mg/kg	SW846 6020
Mercury	0.023 B	0.045	mg/kg	SW846 7471A
Aluminum	7460	18.2	mg/kg	SW846 6010B
Barium	38.0 J	0.91	mg/kg	SW846 6010B
Beryllium	0.44	0.18	mg/kg	SW846 6010B
Calcium	45600	454	mg/kg	SW846 6010B
Cadmium	0.25	0.091	mg/kg	SW846 6010B
Cobalt	7.0	0.45	mg/kg	SW846 6010B
Chromium	13.1	0.45	mg/kg	SW846 6010B
Copper	14.7	0.91	mg/kg	SW846 6010B
Iron	14500	9.1	mg/kg	SW846 6010B
Potassium	1080 J	454	mg/kg	SW846 6010B
Magnesium	11700 J	90.8	mg/kg	SW846 6010B
Manganese	344 J	0.91	mg/kg	SW846 6010B
Sodium	231	90.8	mg/kg	SW846 6010B
Nickel	16.6	0.91	mg/kg	SW846 6010B
Lead	6.6	0.27	mg/kg	SW846 6010B
Vanadium	19.7	0.91	mg/kg	SW846 6010B
Hexavalent Chromium	0.36 B	0.91	mg/kg	SW846 7196A
Percent Solids	88.1	10.0	%	MCAWW 160.3 MOD
SO-17322-101607-CB-056 10/16/07 09:45 003				
Trivalent Chromium	14.7	0.46	mg/kg	SW846 7196A
Silver	0.082 B,J	0.092	mg/kg	SW846 6020
Arsenic	6.4	0.092	mg/kg	SW846 6020
Antimony	0.10 B,J	0.18	mg/kg	SW846 6020
Thallium	0.19 J	0.092	mg/kg	SW846 6020
Zinc	40.2 J	0.92	mg/kg	SW846 6020
Aluminum	8090	18.5	mg/kg	SW846 6010B
Barium	61.7 J	0.92	mg/kg	SW846 6010B
Beryllium	0.51	0.18	mg/kg	SW846 6010B
Calcium	82600	2310	mg/kg	SW846 6010B
Cadmium	0.30	0.092	mg/kg	SW846 6010B
Cobalt	12.4	0.46	mg/kg	SW846 6010B
Chromium	14.7	0.46	mg/kg	SW846 6010B
Copper	18.0	0.92	mg/kg	SW846 6010B
Iron	16200	9.2	mg/kg	SW846 6010B
Potassium	1520 J	462	mg/kg	SW846 6010B
Magnesium	14200 J	92.4	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J170210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101607-CB-056 10/16/07 09:45 003				
Manganese	452 J	0.92	mg/kg	SW846 6010B
Sodium	400	92.4	mg/kg	SW846 6010B
Nickel	21.5	0.92	mg/kg	SW846 6010B
Lead	7.1	0.28	mg/kg	SW846 6010B
Vanadium	20.7	0.92	mg/kg	SW846 6010B
Benzo(a)anthracene	15	7.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	22	7.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	8.8	7.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	8.5	7.7	ug/kg	SW846 8270C
Chrysene	23	7.7	ug/kg	SW846 8270C
Fluoranthene	52	7.7	ug/kg	SW846 8270C
Phenanthrene	27	7.7	ug/kg	SW846 8270C
Pyrene	65	7.7	ug/kg	SW846 8270C
1,2-Dichlorobenzene	0.34 J	3.6	ug/kg	SW846 8260B
1,3-Dichlorobenzene	0.32 J	3.6	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	0.93 J,B	3.6	ug/kg	SW846 8260B
Percent Solids	86.5	10.0	%	MCAWW 160.3 MOD
SO-17322-101607-CB-058 10/16/07 12:00 004				
Trivalent Chromium	3.6	0.47	mg/kg	SW846 7196A
Silver	0.041 B,J	0.094	mg/kg	SW846 6020
Arsenic	2.4	0.094	mg/kg	SW846 6020
Antimony	0.064 B,J	0.19	mg/kg	SW846 6020
Thallium	0.11 J	0.094	mg/kg	SW846 6020
Zinc	21.7 J	0.94	mg/kg	SW846 6020
Aluminum	2070	18.9	mg/kg	SW846 6010B
Barium	8.5 J	0.94	mg/kg	SW846 6010B
Beryllium	0.16 B	0.19	mg/kg	SW846 6010B
Calcium	40900	472	mg/kg	SW846 6010B
Cadmium	0.12	0.094	mg/kg	SW846 6010B
Cobalt	2.8	0.47	mg/kg	SW846 6010B
Chromium	5.0	0.47	mg/kg	SW846 6010B
Copper	9.0	0.94	mg/kg	SW846 6010B
Iron	5620	9.4	mg/kg	SW846 6010B
Potassium	444 B,J	472	mg/kg	SW846 6010B
Magnesium	7270 J	94.4	mg/kg	SW846 6010B
Manganese	169 J	0.94	mg/kg	SW846 6010B
Sodium	105	94.4	mg/kg	SW846 6010B
Nickel	6.9	0.94	mg/kg	SW846 6010B
Lead	3.6	0.28	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J170210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101607-CB-058 10/16/07 12:00 004				
Vanadium	7.0	0.94	mg/kg	SW846 6010B
Benzo(a)anthracene	9.4	7.9	ug/kg	SW846 8270C
Benzo(b)fluoranthene	10	7.9	ug/kg	SW846 8270C
Chrysene	9.3	7.9	ug/kg	SW846 8270C
Fluoranthene	23	7.9	ug/kg	SW846 8270C
Phenanthrene	21	7.9	ug/kg	SW846 8270C
Pyrene	19	7.9	ug/kg	SW846 8270C
Hexavalent Chromium	1.4 J	0.94	mg/kg	SW846 7196A
Percent Solids	84.7	10.0	%	MCAWW 160.3 MOD
SO-17322-101607-CB-061 10/16/07 14:55 005				
Aroclor 1254	920	36	ug/kg	SW846 8082
Trivalent Chromium	4.1	0.44	mg/kg	SW846 7196A
Silver	0.067 B,J	0.088	mg/kg	SW846 6020
Arsenic	5.8	0.088	mg/kg	SW846 6020
Antimony	0.13 B,J	0.18	mg/kg	SW846 6020
Thallium	0.20 J	0.088	mg/kg	SW846 6020
Zinc	44.1 J	0.88	mg/kg	SW846 6020
Mercury	0.023 B	0.044	mg/kg	SW846 7471A
Aluminum	1490	17.5	mg/kg	SW846 6010B
Barium	11.3 J	0.88	mg/kg	SW846 6010B
Beryllium	0.14 B	0.18	mg/kg	SW846 6010B
Calcium	61300	438	mg/kg	SW846 6010B
Cadmium	0.22	0.088	mg/kg	SW846 6010B
Cobalt	2.0	0.44	mg/kg	SW846 6010B
Chromium	4.6	0.44	mg/kg	SW846 6010B
Copper	7.0	0.88	mg/kg	SW846 6010B
Iron	4540	8.8	mg/kg	SW846 6010B
Potassium	329 B,J	438	mg/kg	SW846 6010B
Magnesium	17700 J	87.6	mg/kg	SW846 6010B
Manganese	221 J	0.88	mg/kg	SW846 6010B
Sodium	216	87.6	mg/kg	SW846 6010B
Nickel	5.9	0.88	mg/kg	SW846 6010B
Lead	10.7	0.26	mg/kg	SW846 6010B
Vanadium	7.4	0.88	mg/kg	SW846 6010B
Chrysene	58	37	ug/kg	SW846 8270C
Fluoranthene	70	37	ug/kg	SW846 8270C
2-Methylnaphthalene	42	37	ug/kg	SW846 8270C
Pyrene	77	37	ug/kg	SW846 8270C
Acetone	35	15	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J170210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101607-CB-061 10/16/07 14:55 005				
2-Butanone	6.3 J	15	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	1.0 J	3.8	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.87 J	3.8	ug/kg	SW846 8260B
Hexavalent Chromium	0.48 B,J	0.88	mg/kg	SW846 7196A
Cyanide, Total	0.13 B	0.22	mg/kg	SW846 9012A
Percent Solids	91.4	10.0	%	MCAWW 160.3 MOD
SO-17322-101607-CB-064 10/16/07 16:45 006				
Trivalent Chromium	14.3	0.45	mg/kg	SW846 7196A
Silver	0.069 B,J	0.090	mg/kg	SW846 6020
Arsenic	6.1	0.090	mg/kg	SW846 6020
Antimony	0.13 B,J	0.18	mg/kg	SW846 6020
Thallium	0.19 J	0.090	mg/kg	SW846 6020
Zinc	43.8 J	0.90	mg/kg	SW846 6020
Mercury	0.026 B	0.045	mg/kg	SW846 7471A
Aluminum	9220	17.9	mg/kg	SW846 6010B
Barium	38.8 J	0.90	mg/kg	SW846 6010B
Beryllium	0.46	0.18	mg/kg	SW846 6010B
Calcium	7610	448	mg/kg	SW846 6010B
Cadmium	0.26	0.090	mg/kg	SW846 6010B
Cobalt	8.0	0.45	mg/kg	SW846 6010B
Chromium	14.8	0.45	mg/kg	SW846 6010B
Copper	13.4	0.90	mg/kg	SW846 6010B
Iron	14800	9.0	mg/kg	SW846 6010B
Potassium	914 J	448	mg/kg	SW846 6010B
Magnesium	3040 J	89.6	mg/kg	SW846 6010B
Manganese	194 J	0.90	mg/kg	SW846 6010B
Sodium	876	89.6	mg/kg	SW846 6010B
Nickel	14.6	0.90	mg/kg	SW846 6010B
Lead	10.3	0.27	mg/kg	SW846 6010B
Vanadium	22.2	0.90	mg/kg	SW846 6010B
Acenaphthene	7.9	7.5	ug/kg	SW846 8270C
Anthracene	14	7.5	ug/kg	SW846 8270C
Benzo(a)anthracene	20	7.5	ug/kg	SW846 8270C
Benzo(a)pyrene	17	7.5	ug/kg	SW846 8270C
Benzo(b)fluoranthene	20	7.5	ug/kg	SW846 8270C
Benzo(ghi)perylene	11	7.5	ug/kg	SW846 8270C
Benzo(k)fluoranthene	9.7	7.5	ug/kg	SW846 8270C
Chrysene	21	7.5	ug/kg	SW846 8270C
Fluoranthene	55	7.5	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

A7J170210

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101607-CB-064 10/16/07 16:45 006				
Indeno(1,2,3-cd)pyrene	9.3	7.5	ug/kg	SW846 8270C
2-Methylnaphthalene	9.7	7.5	ug/kg	SW846 8270C
Naphthalene	30	7.5	ug/kg	SW846 8270C
Phenanthrene	62	7.5	ug/kg	SW846 8270C
Pyrene	44	7.5	ug/kg	SW846 8270C
Acetone	25	15	ug/kg	SW846 8260B
2-Butanone	2.7 J	15	ug/kg	SW846 8260B
Hexavalent Chromium	0.49 B,J	0.90	mg/kg	SW846 7196A
Percent Solids	89.3	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7J170210

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7J170210

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J857K	001	SO-17322-101607-CB-051	10/16/07	07:45
J8572	002	SO-17322-101607-CB-053	10/16/07	08:20
J8573	003	SO-17322-101607-CB-056	10/16/07	09:45
J8574	004	SO-17322-101607-CB-058	10/16/07	12:00
J8575	005	SO-17322-101607-CB-061	10/16/07	14:55
J8577	006	SO-17322-101607-CB-064	10/16/07	16:45
J858D	008	TB-17322-101607-CB-002	10/16/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

GC/MS Volatiles

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K1AC **Matrix.....:** SO
Date Sampled...: 10/16/07 07:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.63
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**60**	**15**	**ug/kg**	**4.6**
Benzene	ND	3.7	ug/kg	0.17
Bromodichloromethane	ND	3.7	ug/kg	0.21
Bromoform	ND	3.7	ug/kg	0.24
Bromomethane	ND	3.7	ug/kg	0.40
2-Butanone	**15**	**15**	**ug/kg**	**1.0**
Carbon disulfide	ND	3.7	ug/kg	0.32
Carbon tetrachloride	ND	3.7	ug/kg	0.27
Chlorobenzene	ND	3.7	ug/kg	0.24
Dibromochloromethane	ND	3.7	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.4	ug/kg	0.96
Chloroethane	ND	3.7	ug/kg	0.63
Chloroform	ND	3.7	ug/kg	0.21
Chloromethane	ND	3.7	ug/kg	0.30
Cyclohexane	ND	7.4	ug/kg	0.24
1,2-Dibromoethane	ND	3.7	ug/kg	0.37
1,2-Dichlorobenzene	ND	3.7	ug/kg	0.27
1,3-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.7	ug/kg	0.49
Dichlorodifluoromethane	ND	3.7	ug/kg	0.37
1,1-Dichloroethane	ND	3.7	ug/kg	0.27
1,2-Dichloroethane	ND	3.7	ug/kg	0.25
1,1-Dichloroethene	ND	3.7	ug/kg	0.38
cis-1,2-Dichloroethene	ND	3.7	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.7	ug/kg	0.30
1,2-Dichloropropane	ND	3.7	ug/kg	0.51
cis-1,3-Dichloropropene	ND	3.7	ug/kg	0.25
trans-1,3-Dichloropropene	ND	3.7	ug/kg	0.40
Ethylbenzene	ND	3.7	ug/kg	0.19
Trichlorofluoromethane	ND	3.7	ug/kg	0.25
2-Hexanone	ND	15	ug/kg	0.46
Isopropylbenzene	ND	3.7	ug/kg	0.12
Methyl acetate	ND	7.4	ug/kg	1.0
Methylcyclohexane	ND	7.4	ug/kg	0.23
Methylene chloride	ND	3.7	ug/kg	0.49
4-Methyl-2-pentanone	ND	15	ug/kg	0.40
Styrene	ND	3.7	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

GC/MS Volatiles

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.7	ug/kg	0.25
Tetrachloroethene	ND	3.7	ug/kg	0.38
Toluene	ND	3.7	ug/kg	0.20
1,2,4-Trichloro-benzene	ND	3.7	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.7	ug/kg	0.41
1,1,2-Trichloroethane	ND	3.7	ug/kg	0.29
Trichloroethene	ND	3.7	ug/kg	0.31
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.7	ug/kg	0.96
1,2,4-Trimethylbenzene	ND	3.7	ug/kg	0.48
1,3,5-Trimethylbenzene	ND	3.7	ug/kg	0.18
Vinyl chloride	ND	3.7	ug/kg	0.29
Xylenes (total)	ND	7.4	ug/kg	0.49
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(59 - 138)
1,2-Dichloroethane-d4	106	(61 - 130)
Toluene-d8	87	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

GC/MS Volatiles

Lot-Sample #...: A7J170210-002 **Work Order #...:** J85721CC **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.81
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.8
Benzene	ND	4.6	ug/kg	0.21
Bromodichloromethane	ND	4.6	ug/kg	0.26
Bromoform	ND	4.6	ug/kg	0.30
Bromomethane	ND	4.6	ug/kg	0.50
2-Butanone	ND	18	ug/kg	1.3
Carbon disulfide	ND	4.6	ug/kg	0.40
Carbon tetrachloride	ND	4.6	ug/kg	0.34
Chlorobenzene	ND	4.6	ug/kg	0.30
Dibromochloromethane	ND	4.6	ug/kg	0.51
1,2-Dibromo-3-chloro-propane	ND	9.2	ug/kg	1.2
Chloroethane	ND	4.6	ug/kg	0.79
Chloroform	ND	4.6	ug/kg	0.27
Chloromethane	ND	4.6	ug/kg	0.38
Cyclohexane	ND	9.2	ug/kg	0.30
1,2-Dibromoethane	ND	4.6	ug/kg	0.46
1,2-Dichlorobenzene	ND	4.6	ug/kg	0.33
1,3-Dichlorobenzene	ND	4.6	ug/kg	0.32
1,4-Dichlorobenzene	ND	4.6	ug/kg	0.61
Dichlorodifluoromethane	ND	4.6	ug/kg	0.46
1,1-Dichloroethane	ND	4.6	ug/kg	0.33
1,2-Dichloroethane	ND	4.6	ug/kg	0.31
1,1-Dichloroethene	ND	4.6	ug/kg	0.48
cis-1,2-Dichloroethene	ND	4.6	ug/kg	0.33
trans-1,2-Dichloroethene	ND	4.6	ug/kg	0.38
1,2-Dichloropropane	ND	4.6	ug/kg	0.63
cis-1,3-Dichloropropene	ND	4.6	ug/kg	0.31
trans-1,3-Dichloropropene	ND	4.6	ug/kg	0.50
Ethylbenzene	ND	4.6	ug/kg	0.24
Trichlorofluoromethane	ND	4.6	ug/kg	0.31
2-Hexanone	ND	18	ug/kg	0.58
Isopropylbenzene	ND	4.6	ug/kg	0.15
Methyl acetate	ND	9.2	ug/kg	1.3
Methylcyclohexane	ND	9.2	ug/kg	0.29
Methylene chloride	ND	4.6	ug/kg	0.62
4-Methyl-2-pentanone	ND	18	ug/kg	0.50
Styrene	ND	4.6	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

GC/MS Volatiles

Lot-Sample #...: A7J170210-002 **Work Order #...:** J85721CC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.6	ug/kg	0.31
Tetrachloroethene	ND	4.6	ug/kg	0.48
Toluene	ND	4.6	ug/kg	0.25
1,2,4-Trichloro-benzene	ND	4.6	ug/kg	0.25
1,1,1-Trichloroethane	ND	4.6	ug/kg	0.52
1,1,2-Trichloroethane	ND	4.6	ug/kg	0.36
Trichloroethene	ND	4.6	ug/kg	0.39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.6	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.6	ug/kg	0.60
1,3,5-Trimethylbenzene	ND	4.6	ug/kg	0.23
Vinyl chloride	ND	4.6	ug/kg	0.36
Xylenes (total)	ND	9.2	ug/kg	0.62
Methyl tert-butyl ether	ND	18	ug/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

GC/MS Volatiles

Lot-Sample #...: A7J170210-003 **Work Order #...:** J85731AN **Matrix.....:** SO
Date Sampled...: 10/16/07 09:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.62
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	14	ug/kg	4.5
Benzene	ND	3.6	ug/kg	0.16
Bromodichloromethane	ND	3.6	ug/kg	0.20
Bromoform	ND	3.6	ug/kg	0.24
Bromomethane	ND	3.6	ug/kg	0.39
2-Butanone	ND	14	ug/kg	1.0
Carbon disulfide	ND	3.6	ug/kg	0.32
Carbon tetrachloride	ND	3.6	ug/kg	0.27
Chlorobenzene	ND	3.6	ug/kg	0.24
Dibromochloromethane	ND	3.6	ug/kg	0.39
1,2-Dibromo-3-chloro-propane	ND	7.2	ug/kg	0.93
Chloroethane	ND	3.6	ug/kg	0.62
Chloroform	ND	3.6	ug/kg	0.21
Chloromethane	ND	3.6	ug/kg	0.29
Cyclohexane	ND	7.2	ug/kg	0.24
1,2-Dibromoethane	ND	3.6	ug/kg	0.36
1,2-Dichlorobenzene	**0.34 J**	**3.6**	**ug/kg**	**0.26**
1,3-Dichlorobenzene	**0.32 J**	**3.6**	**ug/kg**	**0.25**
1,4-Dichlorobenzene	ND	3.6	ug/kg	0.47
Dichlorodifluoromethane	ND	3.6	ug/kg	0.36
1,1-Dichloroethane	ND	3.6	ug/kg	0.26
1,2-Dichloroethane	ND	3.6	ug/kg	0.24
1,1-Dichloroethene	ND	3.6	ug/kg	0.37
cis-1,2-Dichloroethene	ND	3.6	ug/kg	0.26
trans-1,2-Dichloroethene	ND	3.6	ug/kg	0.29
1,2-Dichloropropane	ND	3.6	ug/kg	0.49
cis-1,3-Dichloropropene	ND	3.6	ug/kg	0.24
trans-1,3-Dichloropropene	ND	3.6	ug/kg	0.39
Ethylbenzene	ND	3.6	ug/kg	0.19
Trichlorofluoromethane	ND	3.6	ug/kg	0.24
2-Hexanone	ND	14	ug/kg	0.45
Isopropylbenzene	ND	3.6	ug/kg	0.11
Methyl acetate	ND	7.2	ug/kg	1.0
Methylcyclohexane	ND	7.2	ug/kg	0.22
Methylene chloride	ND	3.6	ug/kg	0.48
4-Methyl-2-pentanone	ND	14	ug/kg	0.39
Styrene	ND	3.6	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

GC/MS Volatiles

Lot-Sample #...: A7J170210-003 **Work Order #...:** J85731AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.6	ug/kg	0.24
Tetrachloroethene	ND	3.6	ug/kg	0.37
Toluene	ND	3.6	ug/kg	0.19
1,2,4-Trichloro-benzene	**0.93 J,B**	**3.6**	**ug/kg**	**0.19**
1,1,1-Trichloroethane	ND	3.6	ug/kg	0.40
1,1,2-Trichloroethane	ND	3.6	ug/kg	0.28
Trichloroethene	ND	3.6	ug/kg	0.30
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.6	ug/kg	0.93
1,2,4-Trimethylbenzene	ND	3.6	ug/kg	0.47
1,3,5-Trimethylbenzene	ND	3.6	ug/kg	0.18
Vinyl chloride	ND	3.6	ug/kg	0.28
Xylenes (total)	ND	7.2	ug/kg	0.48
Methyl tert-butyl ether	ND	14	ug/kg	0.31

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	72	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

GC/MS Volatiles

Lot-Sample #...: A7J170210-004 **Work Order #...:** J85741AN **Matrix.....:** SO
Date Sampled...: 10/16/07 12:00 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.76
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.7
Benzene	ND	4.5	ug/kg	0.21
Bromodichloromethane	ND	4.5	ug/kg	0.25
Bromoform	ND	4.5	ug/kg	0.30
Bromomethane	ND	4.5	ug/kg	0.48
2-Butanone	ND	18	ug/kg	1.3
Carbon disulfide	ND	4.5	ug/kg	0.39
Carbon tetrachloride	ND	4.5	ug/kg	0.33
Chlorobenzene	ND	4.5	ug/kg	0.30
Dibromochloromethane	ND	4.5	ug/kg	0.49
1,2-Dibromo-3-chloro-propane	ND	9.0	ug/kg	1.2
Chloroethane	ND	4.5	ug/kg	0.77
Chloroform	ND	4.5	ug/kg	0.26
Chloromethane	ND	4.5	ug/kg	0.37
Cyclohexane	ND	9.0	ug/kg	0.30
1,2-Dibromoethane	ND	4.5	ug/kg	0.45
1,2-Dichlorobenzene	ND	4.5	ug/kg	0.32
1,3-Dichlorobenzene	ND	4.5	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.5	ug/kg	0.59
Dichlorodifluoromethane	ND	4.5	ug/kg	0.45
1,1-Dichloroethane	ND	4.5	ug/kg	0.32
1,2-Dichloroethane	ND	4.5	ug/kg	0.30
1,1-Dichloroethene	ND	4.5	ug/kg	0.47
cis-1,2-Dichloroethene	ND	4.5	ug/kg	0.32
trans-1,2-Dichloroethene	ND	4.5	ug/kg	0.37
1,2-Dichloropropane	ND	4.5	ug/kg	0.62
cis-1,3-Dichloropropene	ND	4.5	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.5	ug/kg	0.48
Ethylbenzene	ND	4.5	ug/kg	0.23
Trichlorofluoromethane	ND	4.5	ug/kg	0.30
2-Hexanone	ND	18	ug/kg	0.57
Isopropylbenzene	ND	4.5	ug/kg	0.14
Methyl acetate	ND	9.0	ug/kg	1.3
Methylcyclohexane	ND	9.0	ug/kg	0.28
Methylene chloride	ND	4.5	ug/kg	0.60
4-Methyl-2-pentanone	ND	18	ug/kg	0.48
Styrene	ND	4.5	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

GC/MS Volatiles

Lot-Sample #...: A7J170210-004 **Work Order #...:** J85741AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.5	ug/kg	0.30
Tetrachloroethene	ND	4.5	ug/kg	0.47
Toluene	ND	4.5	ug/kg	0.24
1,2,4-Trichloro-benzene	ND	4.5	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.5	ug/kg	0.50
1,1,2-Trichloroethane	ND	4.5	ug/kg	0.35
Trichloroethene	ND	4.5	ug/kg	0.38
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.5	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.5	ug/kg	0.58
1,3,5-Trimethylbenzene	ND	4.5	ug/kg	0.22
Vinyl chloride	ND	4.5	ug/kg	0.35
Xylenes (total)	ND	9.0	ug/kg	0.60
Methyl tert-butyl ether	ND	18	ug/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

GC/MS Volatiles

Lot-Sample #...: A7J170210-005 **Work Order #...:** J85751AN **Matrix.....:** SO
Date Sampled...: 10/16/07 14:55 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.7
% Moisture.....: 8.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**35**	**15**	**ug/kg**	**4.8**
Benzene	ND	3.8	ug/kg	0.18
Bromodichloromethane	ND	3.8	ug/kg	0.21
Bromoform	ND	3.8	ug/kg	0.25
Bromomethane	ND	3.8	ug/kg	0.41
2-Butanone	**6.3 J**	**15**	**ug/kg**	**1.1**
Carbon disulfide	ND	3.8	ug/kg	0.34
Carbon tetrachloride	ND	3.8	ug/kg	0.28
Chlorobenzene	ND	3.8	ug/kg	0.25
Dibromochloromethane	ND	3.8	ug/kg	0.42
1,2-Dibromo-3-chloro-propane	ND	7.7	ug/kg	1.0
Chloroethane	ND	3.8	ug/kg	0.66
Chloroform	ND	3.8	ug/kg	0.22
Chloromethane	ND	3.8	ug/kg	0.31
Cyclohexane	ND	7.7	ug/kg	0.25
1,2-Dibromoethane	ND	3.8	ug/kg	0.38
1,2-Dichlorobenzene	ND	3.8	ug/kg	0.28
1,3-Dichlorobenzene	ND	3.8	ug/kg	0.27
1,4-Dichlorobenzene	ND	3.8	ug/kg	0.51
Dichlorodifluoromethane	ND	3.8	ug/kg	0.38
1,1-Dichloroethane	ND	3.8	ug/kg	0.28
1,2-Dichloroethane	ND	3.8	ug/kg	0.26
1,1-Dichloroethene	ND	3.8	ug/kg	0.40
cis-1,2-Dichloroethene	ND	3.8	ug/kg	0.28
trans-1,2-Dichloroethene	ND	3.8	ug/kg	0.31
1,2-Dichloropropane	ND	3.8	ug/kg	0.53
cis-1,3-Dichloropropene	ND	3.8	ug/kg	0.26
trans-1,3-Dichloropropene	ND	3.8	ug/kg	0.41
Ethylbenzene	ND	3.8	ug/kg	0.20
Trichlorofluoromethane	ND	3.8	ug/kg	0.26
2-Hexanone	ND	15	ug/kg	0.48
Isopropylbenzene	ND	3.8	ug/kg	0.12
Methyl acetate	ND	7.7	ug/kg	1.1
Methylcyclohexane	ND	7.7	ug/kg	0.24
Methylene chloride	ND	3.8	ug/kg	0.51
4-Methyl-2-pentanone	ND	15	ug/kg	0.41
Styrene	ND	3.8	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

GC/MS Volatiles

Lot-Sample #...: A7J170210-005 **Work Order #...:** J85751AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.8	ug/kg	0.26
Tetrachloroethene	ND	3.8	ug/kg	0.40
Toluene	ND	3.8	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	3.8	ug/kg	0.21
1,1,1-Trichloroethane	ND	3.8	ug/kg	0.43
1,1,2-Trichloroethane	ND	3.8	ug/kg	0.30
Trichloroethene	ND	3.8	ug/kg	0.32
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.8	ug/kg	1.0
1,2,4-Trimethylbenzene	**1.0 J**	**3.8**	**ug/kg**	**0.50**
1,3,5-Trimethylbenzene	**0.87 J**	**3.8**	**ug/kg**	**0.19**
Vinyl chloride	ND	3.8	ug/kg	0.30
Xylenes (total)	ND	7.7	ug/kg	0.51
Methyl tert-butyl ether	ND	15	ug/kg	0.33

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	81	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

GC/MS Volatiles

Lot-Sample #...: A7J170210-006 **Work Order #...:** J85771AN **Matrix.....:** SO
Date Sampled...: 10/16/07 16:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.65
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**25**	**15**	**ug/kg**	**4.6**
Benzene	ND	3.6	ug/kg	0.17
Bromodichloromethane	ND	3.6	ug/kg	0.20
Bromoform	ND	3.6	ug/kg	0.24
Bromomethane	ND	3.6	ug/kg	0.39
2-Butanone	**2.7 J**	**15**	**ug/kg**	**1.0**
Carbon disulfide	ND	3.6	ug/kg	0.32
Carbon tetrachloride	ND	3.6	ug/kg	0.27
Chlorobenzene	ND	3.6	ug/kg	0.24
Dibromochloromethane	ND	3.6	ug/kg	0.40
1,2-Dibromo-3-chloro-propane	ND	7.3	ug/kg	0.95
Chloroethane	ND	3.6	ug/kg	0.63
Chloroform	ND	3.6	ug/kg	0.21
Chloromethane	ND	3.6	ug/kg	0.30
Cyclohexane	ND	7.3	ug/kg	0.24
1,2-Dibromoethane	ND	3.6	ug/kg	0.36
1,2-Dichlorobenzene	ND	3.6	ug/kg	0.26
1,3-Dichlorobenzene	ND	3.6	ug/kg	0.25
1,4-Dichlorobenzene	ND	3.6	ug/kg	0.48
Dichlorodifluoromethane	ND	3.6	ug/kg	0.36
1,1-Dichloroethane	ND	3.6	ug/kg	0.26
1,2-Dichloroethane	ND	3.6	ug/kg	0.25
1,1-Dichloroethene	ND	3.6	ug/kg	0.38
cis-1,2-Dichloroethene	ND	3.6	ug/kg	0.26
trans-1,2-Dichloroethene	ND	3.6	ug/kg	0.30
1,2-Dichloropropane	ND	3.6	ug/kg	0.50
cis-1,3-Dichloropropene	ND	3.6	ug/kg	0.25
trans-1,3-Dichloropropene	ND	3.6	ug/kg	0.39
Ethylbenzene	ND	3.6	ug/kg	0.19
Trichlorofluoromethane	ND	3.6	ug/kg	0.25
2-Hexanone	ND	15	ug/kg	0.46
Isopropylbenzene	ND	3.6	ug/kg	0.12
Methyl acetate	ND	7.3	ug/kg	1.0
Methylcyclohexane	ND	7.3	ug/kg	0.23
Methylene chloride	ND	3.6	ug/kg	0.49
4-Methyl-2-pentanone	ND	15	ug/kg	0.39
Styrene	ND	3.6	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

GC/MS Volatiles

Lot-Sample #...: A7J170210-006 **Work Order #...:** J85771AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.6	ug/kg	0.25
Tetrachloroethene	ND	3.6	ug/kg	0.38
Toluene	ND	3.6	ug/kg	0.20
1,2,4-Trichloro-benzene	ND	3.6	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.6	ug/kg	0.41
1,1,2-Trichloroethane	ND	3.6	ug/kg	0.28
Trichloroethene	ND	3.6	ug/kg	0.31
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.6	ug/kg	0.95
1,2,4-Trimethylbenzene	ND	3.6	ug/kg	0.47
1,3,5-Trimethylbenzene	ND	3.6	ug/kg	0.18
Vinyl chloride	ND	3.6	ug/kg	0.28
Xylenes (total)	ND	7.3	ug/kg	0.49
Methyl tert-butyl ether	ND	15	ug/kg	0.31

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
Toluene-d8	89	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101607-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J170210-008 **Work Order #...:** J858D1AA **Matrix.....:** SQ
Date Sampled...: 10/16/07 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101607-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J170210-008 **Work Order #...:** J858D1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(59 - 138)
1,2-Dichloroethane-d4	100	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K1A5 **Matrix.....:** SO
Date Sampled...: 10/16/07 07:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.8	ug/kg	1.5
Atrazine	ND	230	ug/kg	25
Benzo(a)anthracene	ND	7.8	ug/kg	1.1
Benzo(a)pyrene	ND	7.8	ug/kg	1.5
Benzo(b)fluoranthene	**8.1**	**7.8**	**ug/kg**	**1.4**
Benzo(ghi)perylene	ND	7.8	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.8	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	58	ug/kg	21
4-Bromophenyl phenyl ether	ND	58	ug/kg	25
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	390	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	ND	7.8	ug/kg	1.1
Dibenz(a,h)anthracene	ND	7.8	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	25
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	25
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	**11**	**7.8**	**ug/kg**	**1.4**
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.5
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopenta-diene	ND	390	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg	1.8
Isophorone	ND	58	ug/kg	25
2-Methylnaphthalene	ND	7.8	ug/kg	1.8
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	**8.5**	**7.8**	**ug/kg**	**1.9**
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propyl-amine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	96
Phenanthrene	**9.1**	**7.8**	**ug/kg**	**2.3**
Phenol	ND	58	ug/kg	29
Pyrene	**10**	**7.8**	**ug/kg**	**1.3**
2,4,5-Trichloro-phenol	ND	180	ug/kg	29
2,4,6-Trichloro-phenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75	(24 - 112)
2-Fluorobiphenyl	75	(34 - 110)
Terphenyl-d14	106	(41 - 119)
Phenol-d5	76	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	87	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-002 **Work Order #...:** J85721AT **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	20
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-002 **Work Order #...:** J85721AT **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	28
Pyrene	ND	7.6	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-002 **Work Order #...:** J85721AT **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(24 - 112)
2-Fluorobiphenyl	76	(34 - 110)
Terphenyl-d14	98	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	71	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-003 **Work Order #...:** J85731AG **Matrix.....:** SO
Date Sampled...: 10/16/07 09:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.7	ug/kg	1.5
Acenaphthylene	ND	7.7	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.7	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**15**	**7.7**	**ug/kg**	**1.1**
Benzo(a)pyrene	ND	7.7	ug/kg	1.5
Benzo(b)fluoranthene	**22**	**7.7**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**8.8**	**7.7**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**8.5**	**7.7**	**ug/kg**	**2.0**
Benzaldehyde	ND	120	ug/kg	24
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	25
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	58	ug/kg	21
4-Bromophenyl phenyl ether	ND	58	ug/kg	24
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	380	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	20
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	58	ug/kg	25
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	**23**	**7.7**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.7	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-003 **Work Order #...:** J85731AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	24
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	96
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	**52**	**7.7**	**ug/kg**	**1.4**
Fluorene	ND	7.7	ug/kg	1.4
Hexachlorobenzene	ND	7.7	ug/kg	2.4
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	58	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.7	ug/kg	1.7
Isophorone	ND	58	ug/kg	24
2-Methylnaphthalene	ND	7.7	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.7	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.5
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	95
Phenanthrene	**27**	**7.7**	**ug/kg**	**2.3**
Phenol	ND	58	ug/kg	29
Pyrene	**65**	**7.7**	**ug/kg**	**1.3**
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-003 **Work Order #...:** J85731AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	91	(24 - 112)
2-Fluorobiphenyl	83	(34 - 110)
Terphenyl-d14	102	(41 - 119)
Phenol-d5	86	(28 - 110)
2-Fluorophenol	84	(26 - 110)
2,4,6-Tribromophenol	83	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-004 **Work Order #...:** J85741AG **Matrix.....:** SO
Date Sampled...: 10/16/07 12:00 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	31
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.9	ug/kg	1.5
Acenaphthylene	ND	7.9	ug/kg	1.4
Acetophenone	ND	120	ug/kg	31
Anthracene	ND	7.9	ug/kg	1.5
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	**9.4**	**7.9**	**ug/kg**	**1.1**
Benzo(a)pyrene	ND	7.9	ug/kg	1.5
Benzo(b)fluoranthene	**10**	**7.9**	**ug/kg**	**1.4**
Benzo(ghi)perylene	ND	7.9	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.9	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	59	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	ND	59	ug/kg	21
4-Bromophenyl phenyl ether	ND	59	ug/kg	25
Butyl benzyl phthalate	ND	59	ug/kg	22
Caprolactam	ND	390	ug/kg	44
Carbazole	ND	59	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	59	ug/kg	26
2-Chlorophenol	ND	59	ug/kg	31
4-Chlorophenyl phenyl ether	ND	59	ug/kg	28
Chrysene	**9.3**	**7.9**	**ug/kg**	**1.1**
Dibenz(a,h)anthracene	ND	7.9	ug/kg	1.5
Dibenzofuran	ND	59	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	59	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-004 **Work Order #...:** J85741AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	59	ug/kg	25
Di-n-butyl phthalate	ND	59	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	98
2,4-Dinitrotoluene	ND	240	ug/kg	21
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	59	ug/kg	21
Fluoranthene	**23**	**7.9**	**ug/kg**	**1.4**
Fluorene	ND	7.9	ug/kg	1.4
Hexachlorobenzene	ND	7.9	ug/kg	2.5
Hexachlorobutadiene	ND	59	ug/kg	31
Hexachlorocyclopentadiene	ND	390	ug/kg	19
Hexachloroethane	ND	59	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.9	ug/kg	1.8
Isophorone	ND	59	ug/kg	25
2-Methylnaphthalene	ND	7.9	ug/kg	1.8
2-Methylphenol	ND	240	ug/kg	33
4-Methylphenol	ND	240	ug/kg	26
Naphthalene	ND	7.9	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	26
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	59	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propylamine	ND	59	ug/kg	27
N-Nitrosodiphenylamine	ND	59	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	97
Phenanthrene	**21**	**7.9**	**ug/kg**	**2.4**
Phenol	ND	59	ug/kg	30
Pyrene	**19**	**7.9**	**ug/kg**	**1.3**
2,4,5-Trichlorophenol	ND	180	ug/kg	30
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-004 **Work Order #...:** J85741AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	92	(24 - 112)
2-Fluorobiphenyl	81	(34 - 110)
Terphenyl-d14	103	(41 - 119)
Phenol-d5	80	(28 - 110)
2-Fluorophenol	80	(26 - 110)
2,4,6-Tribromophenol	75	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-005 **Work Order #...:** J85751AG **Matrix.....:** SO
Date Sampled...: 10/16/07 14:55 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 5
% Moisture.....: 8.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	550	ug/kg	140
Pyridine	ND	550	ug/kg	93
Acenaphthene	ND	37	ug/kg	7.1
Acenaphthylene	ND	37	ug/kg	6.6
Acetophenone	ND	550	ug/kg	140
Anthracene	ND	37	ug/kg	7.1
Atrazine	ND	1100	ug/kg	110
Benzo(a)anthracene	ND	37	ug/kg	5.2
Benzo(a)pyrene	ND	37	ug/kg	7.1
Benzo(b)fluoranthene	ND	37	ug/kg	6.6
Benzo(ghi)perylene	ND	37	ug/kg	7.1
Benzo(k)fluoranthene	ND	37	ug/kg	9.3
Benzaldehyde	ND	550	ug/kg	110
1,1'-Biphenyl	ND	270	ug/kg	130
bis(2-Chloroethoxy) methane	ND	550	ug/kg	120
bis(2-Chloroethyl)-ether	ND	550	ug/kg	11
bis(2-Ethylhexyl) phthalate	ND	270	ug/kg	99
4-Bromophenyl phenyl ether	ND	270	ug/kg	110
Butyl benzyl phthalate	ND	270	ug/kg	100
Caprolactam	ND	1800	ug/kg	200
Carbazole	ND	270	ug/kg	100
4-Chloroaniline	ND	820	ug/kg	93
4-Chloro-3-methylphenol	ND	820	ug/kg	110
2-Chloronaphthalene	ND	270	ug/kg	120
2-Chlorophenol	ND	270	ug/kg	140
4-Chlorophenyl phenyl ether	ND	270	ug/kg	130
Chrysene	**58**	**37**	**ug/kg**	**4.9**
Dibenz(a,h)anthracene	ND	37	ug/kg	7.1
Dibenzofuran	ND	270	ug/kg	110
3,3'-Dichlorobenzidine	ND	550	ug/kg	99
2,4-Dichlorophenol	ND	820	ug/kg	110
Diethyl phthalate	ND	270	ug/kg	100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-005 **Work Order #...:** J85751AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	820	ug/kg	110
Dimethyl phthalate	ND	270	ug/kg	110
Di-n-butyl phthalate	ND	270	ug/kg	100
4,6-Dinitro-2-methylphenol	ND	820	ug/kg	71
2,4-Dinitrophenol	ND	1800	ug/kg	450
2,4-Dinitrotoluene	ND	1100	ug/kg	99
2,6-Dinitrotoluene	ND	1100	ug/kg	110
Di-n-octyl phthalate	ND	270	ug/kg	99
Fluoranthene	**70**	**37**	**ug/kg**	**6.6**
Fluorene	ND	37	ug/kg	6.6
Hexachlorobenzene	ND	37	ug/kg	11
Hexachlorobutadiene	ND	270	ug/kg	140
Hexachlorocyclopentadiene	ND	1800	ug/kg	88
Hexachloroethane	ND	270	ug/kg	150
Indeno(1,2,3-cd)pyrene	ND	37	ug/kg	8.2
Isophorone	ND	270	ug/kg	110
2-Methylnaphthalene	**42**	**37**	**ug/kg**	**8.2**
2-Methylphenol	ND	1100	ug/kg	150
4-Methylphenol	ND	1100	ug/kg	120
Naphthalene	ND	37	ug/kg	8.8
2-Nitroaniline	ND	1100	ug/kg	120
3-Nitroaniline	ND	1100	ug/kg	88
4-Nitroaniline	ND	1100	ug/kg	140
Nitrobenzene	ND	550	ug/kg	12
2-Nitrophenol	ND	270	ug/kg	100
4-Nitrophenol	ND	1800	ug/kg	600
N-Nitrosodi-n-propylamine	ND	270	ug/kg	130
N-Nitrosodiphenylamine	ND	270	ug/kg	110
Pentachlorophenol	ND	820	ug/kg	450
Phenanthrene	ND	37	ug/kg	11
Phenol	ND	270	ug/kg	140
Pyrene	**77**	**37**	**ug/kg**	**6.0**
2,4,5-Trichlorophenol	ND	820	ug/kg	140
2,4,6-Trichlorophenol	ND	820	ug/kg	110

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-005 **Work Order #...:** J85751AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60 DIL	(24 - 112)
2-Fluorobiphenyl	85 DIL	(34 - 110)
Terphenyl-d14	114 DIL	(41 - 119)
Phenol-d5	64 DIL	(28 - 110)
2-Fluorophenol	45 DIL	(26 - 110)
2,4,6-Tribromophenol	66 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-006 **Work Order #...:** J85771AG **Matrix.....:** SO
Date Sampled...: 10/16/07 16:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	**7.9**	**7.5**	**ug/kg**	**1.5**
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	**14**	**7.5**	**ug/kg**	**1.5**
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	**20**	**7.5**	**ug/kg**	**1.1**
Benzo(a)pyrene	**17**	**7.5**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**20**	**7.5**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**11**	**7.5**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**9.7**	**7.5**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	**21**	**7.5**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-006 **Work Order #...:** J85771AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	**55**	**7.5**	**ug/kg**	**1.3**
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	**9.3**	**7.5**	**ug/kg**	**1.7**
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	**9.7**	**7.5**	**ug/kg**	**1.7**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	**30**	**7.5**	**ug/kg**	**1.8**
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	**62**	**7.5**	**ug/kg**	**2.2**
Phenol	ND	56	ug/kg	28
Pyrene	**44**	**7.5**	**ug/kg**	**1.2**
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

GC/MS Semivolatiles

Lot-Sample #...: A7J170210-006 **Work Order #...:** J85771AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	90	(24 - 112)
2-Fluorobiphenyl	80	(34 - 110)
Terphenyl-d14	107	(41 - 119)
Phenol-d5	82	(28 - 110)
2-Fluorophenol	82	(26 - 110)
2,4,6-Tribromophenol	87	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

GC Semivolatiles

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K1A7 **Matrix.....:** SO
Date Sampled...: 10/16/07 07:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	15
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	16
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(10 - 196)
Decachlorobiphenyl	60	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

GC Semivolatiles

Lot-Sample #...: A7J170210-002 **Work Order #...:** J85721A1 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	14
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	10
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(10 - 196)
Decachlorobiphenyl	74	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

GC Semivolatiles

Lot-Sample #...: A7J170210-003 **Work Order #...:** J85731AJ **Matrix.....:** SO
Date Sampled...: 10/16/07 09:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(10 - 196)
Decachlorobiphenyl	69	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

GC Semivolatiles

Lot-Sample #...: A7J170210-004 **Work Order #...:** J85741AJ **Matrix.....:** SO
Date Sampled...: 10/16/07 12:00 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	15
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	17
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	12

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	51	(10 - 196)
Decachlorobiphenyl	50	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

GC Semivolatiles

Lot-Sample #...: A7J170210-005 **Work Order #...:** J85751AJ **Matrix.....:** SO
Date Sampled...: 10/16/07 14:55 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1
% Moisture.....: 8.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	**920**	**36**	**ug/kg**	**9.6**
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	52	(10 - 196)
Decachlorobiphenyl	55	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

GC Semivolatiles

Lot-Sample #...: A7J170210-006 **Work Order #...:** J85771AJ **Matrix.....:** SO
Date Sampled...: 10/16/07 16:45 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.9
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 196)
Decachlorobiphenyl	61	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

TOTAL Metals

Lot-Sample #...: A7J170210-001 **Matrix.....:** SO
Date Sampled...: 10/16/07 07:45 **Date Received..:** 10/17/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7291027						
Trivalent Chromium	**10.3**	**0.47**	**mg/kg**	**SW846 7196A**	**10/18/07**	**J857K1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7291028						
Silver	**0.071 B,J**	**0.094**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J857K1A2**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**4120**	**18.7**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AE**
		Dilution Factor: 1		MDL.....: 11.2		
Arsenic	**5.5**	**0.094**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J857K1A0**
		Dilution Factor: 1		MDL.....: 0.073		
Barium	**71.6 J**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AF**
		Dilution Factor: 1		MDL.....: 0.083		
Beryllium	**0.41**	**0.19**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AG**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**1590**	**468**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AJ**
		Dilution Factor: 1		MDL.....: 18.7		
Cadmium	**0.28**	**0.094**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AH**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**5.2**	**0.47**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AK**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**10.9**	**0.47**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**284**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AL**
		Dilution Factor: 1		MDL.....: 0.87		
Iron	**7280**	**9.4**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AM**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.034 B**	**0.047**	**mg/kg**	**SW846 7471A**	**10/18/07**	**J857K1AD**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

TOTAL Metals

Lot-Sample #...: A7J170210-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**473 J**	**468**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AR**
		Dilution Factor: 1		MDL.....: 7.3		
Magnesium	**830 J**	**93.6**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AN**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**441 J**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AP**
		Dilution Factor: 1		MDL.....: 0.087		
Sodium	**431**	**93.6**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AT**
		Dilution Factor: 1		MDL.....: 77.2		
Nickel	**7.0**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AQ**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**301**	**0.28**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**5.5 J**	**0.19**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J857K1AX**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.37**	**0.20**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J857K1A1**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.11 J**	**0.094**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J857K1A3**
		Dilution Factor: 1		MDL.....: 0.0092		
Vanadium	**23.7**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J857K1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**25.4 J**	**0.94**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J857K1A4**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

TOTAL Metals

Lot-Sample #...: A7J170210-002 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7291027						
Trivalent Chromium	**12.7**	**0.45**	**mg/kg**	**SW846 7196A**	**10/18/07**	**J85721A7**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7291028						
Zinc	**9.9 J**	**0.91**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J85721AP**
		Dilution Factor: 1		MDL.....: 0.50		
Silver	**0.073 B,J**	**0.091**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85721AH**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**7460**	**18.2**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721CJ**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**1.5**	**0.091**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J85721AA**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**38.0 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721CM**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	**0.44**	**0.18**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721CQ**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**45600**	**454**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721CX**
		Dilution Factor: 1		MDL.....: 18.2		
Cadmium	**0.25**	**0.091**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721CU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**7.0**	**0.45**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721C2**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**13.1**	**0.45**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DX**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**14.7**	**0.91**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721C5**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**14500**	**9.1**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721C8**
		Dilution Factor: 1		MDL.....: 5.6		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

TOTAL Metals

Lot-Sample #...: A7J170210-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	**0.023 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/18/07**	**J85721CF**
		Dilution Factor: 1		MDL.....: 0.015		
Potassium	**1080 J**	**454**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DM**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**11700 J**	**90.8**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DC**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**344 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DF**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**231**	**90.8**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DQ**
		Dilution Factor: 1		MDL.....: 74.9		
Nickel	**16.6**	**0.91**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DJ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**6.6**	**0.27**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721D2**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.12 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85721D5**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	10/18-10/19/07	J85721AE
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.062 B,J**	**0.091**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J85721AL**
		Dilution Factor: 1		MDL.....: 0.0090		
Vanadium	**19.7**	**0.91**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85721DU**
		Dilution Factor: 1		MDL.....: 0.14		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

TOTAL Metals

Lot-Sample #...: A7J170210-003 **Matrix.....:** SO
Date Sampled...: 10/16/07 09:45 **Date Received..:** 10/17/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7291027						
Trivalent Chromium	**14.7**	**0.46**	**mg/kg**	**SW846 7196A**	**10/18/07**	**J85731AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7291028						
Silver	**0.082 B,J**	**0.092**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85731AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**8090**	**18.5**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731AQ**
		Dilution Factor: 1		MDL.....: 11.1		
Arsenic	**6.4**	**0.092**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85731AA**
		Dilution Factor: 1		MDL.....: 0.072		
Barium	**61.7 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731AR**
		Dilution Factor: 1		MDL.....: 0.082		
Beryllium	**0.51**	**0.18**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731AT**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**82600**	**2310**	**mg/kg**	**SW846 6010B**	**10/18-10/19/07**	**J85731AV**
		Dilution Factor: 5		MDL.....: 92.4		
Cadmium	**0.30**	**0.092**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**12.4**	**0.46**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**14.7**	**0.46**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**18.0**	**0.92**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731AX**
		Dilution Factor: 1		MDL.....: 0.86		
Iron	**16200**	**9.2**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A0**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	ND	0.046	mg/kg	SW846 7471A	10/18/07	J85731AP
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

TOTAL Metals

Lot-Sample #...: A7J170210-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1520 J**	**462**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A4**
		Dilution Factor: 1		MDL.....: 7.2		
Magnesium	**14200 J**	**92.4**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**452 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A2**
		Dilution Factor: 1		MDL.....: 0.086		
Sodium	**400**	**92.4**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A5**
		Dilution Factor: 1		MDL.....: 76.3		
Nickel	**21.5**	**0.92**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**7.1**	**0.28**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.10 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85731A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	10/18-10/22/07	J85731AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.19 J**	**0.092**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85731AE**
		Dilution Factor: 1		MDL.....: 0.0091		
Vanadium	**20.7**	**0.92**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85731A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**40.2 J**	**0.92**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85731AF**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

TOTAL Metals

Lot-Sample #...: A7J170210-004 **Matrix.....:** SO
Date Sampled...: 10/16/07 12:00 **Date Received..:** 10/17/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7291027						
Trivalent Chromium	**3.6**	**0.47**	**mg/kg**	**SW846 7196A**	**10/18/07**	**J85741AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7291028						
Silver	**0.041 B,J**	**0.094**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85741AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**2070**	**18.9**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AQ**
		Dilution Factor: 1		MDL.....: 11.3		
Arsenic	**2.4**	**0.094**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85741AA**
		Dilution Factor: 1		MDL.....: 0.073		
Barium	**8.5 J**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AR**
		Dilution Factor: 1		MDL.....: 0.084		
Beryllium	**0.16 B**	**0.19**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AT**
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**40900**	**472**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AV**
		Dilution Factor: 1		MDL.....: 18.9		
Cadmium	**0.12**	**0.094**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**2.8**	**0.47**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**5.0**	**0.47**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**9.0**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741AX**
		Dilution Factor: 1		MDL.....: 0.87		
Iron	**5620**	**9.4**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A0**
		Dilution Factor: 1		MDL.....: 5.8		
Mercury	ND	0.047	mg/kg	SW846 7471A	10/18/07	J85741AP
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

TOTAL Metals

Lot-Sample #...: A7J170210-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**444 B,J**	**472**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A4**
		Dilution Factor: 1		MDL.....: 7.3		
Magnesium	**7270 J**	**94.4**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A1**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**169 J**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A2**
		Dilution Factor: 1		MDL.....: 0.087		
Sodium	**105**	**94.4**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A5**
		Dilution Factor: 1		MDL.....: 77.9		
Nickel	**6.9**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**3.6**	**0.28**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.064 B,J**	**0.19**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85741A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	10/18-10/22/07	J85741AC
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.11 J**	**0.094**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85741AE**
		Dilution Factor: 1		MDL.....: 0.0093		
Vanadium	**7.0**	**0.94**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85741A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**21.7 J**	**0.94**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85741AF**
		Dilution Factor: 1		MDL.....: 0.52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

TOTAL Metals

Lot-Sample #...: A7J170210-005 **Matrix.....:** SO
Date Sampled...: 10/16/07 14:55 **Date Received..:** 10/17/07
% Moisture.....: 8.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7291027						
Trivalent Chromium	**4.1**	**0.44**	**mg/kg**	**SW846 7196A**	**10/18/07**	**J85751AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7291028						
Silver	**0.067 B,J**	**0.088**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85751AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**1490**	**17.5**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AQ**
		Dilution Factor: 1		MDL.....: 10.5		
Arsenic	**5.8**	**0.088**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85751AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**11.3 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	**0.14 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AT**
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**61300**	**438**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AV**
		Dilution Factor: 1		MDL.....: 17.5		
Cadmium	**0.22**	**0.088**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AU**
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**2.0**	**0.44**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**4.6**	**0.44**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**7.0**	**0.88**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**4540**	**8.8**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.023 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/18/07**	**J85751AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

TOTAL Metals

Lot-Sample #...: A7J170210-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**329 B,J**	**438**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A4**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**17700 J**	**87.6**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**221 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**216**	**87.6**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A5**
		Dilution Factor: 1		MDL.....: 72.2		
Nickel	**5.9**	**0.88**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**10.7**	**0.26**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.13 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85751A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	ND	0.19	mg/kg	SW846 6020	10/18-10/22/07	J85751AC
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.20 J**	**0.088**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85751AE**
		Dilution Factor: 1		MDL.....: 0.0086		
Vanadium	**7.4**	**0.88**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85751A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**44.1 J**	**0.88**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85751AF**
		Dilution Factor: 1		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

TOTAL Metals

Lot-Sample #...: A7J170210-006 **Matrix.....:** SO
Date Sampled...: 10/16/07 16:45 **Date Received..:** 10/17/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7291027						
Trivalent Chromium	**14.3**	**0.45**	**mg/kg**	**SW846 7196A**	**10/18/07**	**J85771AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7291028						
Silver	**0.069 B,J**	**0.090**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85771AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**9220**	**17.9**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AQ**
		Dilution Factor: 1		MDL.....: 10.7		
Arsenic	**6.1**	**0.090**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85771AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**38.8 J**	**0.90**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.46**	**0.18**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**7610**	**448**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AV**
		Dilution Factor: 1		MDL.....: 17.9		
Cadmium	**0.26**	**0.090**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**8.0**	**0.45**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**14.8**	**0.45**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**13.4**	**0.90**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771AX**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**14800**	**9.0**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A0**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.026 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/18/07**	**J85771AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

TOTAL Metals

Lot-Sample #...: A7J170210-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**914 J**	**448**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**3040 J**	**89.6**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**194 J**	**0.90**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A2**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	**876**	**89.6**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A5**
		Dilution Factor: 1		MDL.....: 73.9		
Nickel	**14.6**	**0.90**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**10.3**	**0.27**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.13 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85771A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	10/18-10/22/07	J85771AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.19 J**	**0.090**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85771AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**22.2**	**0.90**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J85771A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**43.8 J**	**0.90**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J85771AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-051

General Chemistry

Lot-Sample #...: A7J170210-001 **Work Order #...:** J857K **Matrix.....:** SO
Date Sampled...: 10/16/07 07:45 **Date Received..:** 10/17/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.57 B**	**0.94**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**85.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291597**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-053

General Chemistry

Lot-Sample #...: A7J170210-002 **Work Order #...:** J8572 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.36 B**	**0.91**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291597**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-056

General Chemistry

Lot-Sample #...: A7J170210-003 **Work Order #...:** J8573 **Matrix.....:** SO
Date Sampled...: 10/16/07 09:45 **Date Received..:** 10/17/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.92	mg/kg	SW846 7196A	10/22-10/23/07	7295354
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291597**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-058

General Chemistry

Lot-Sample #...: A7J170210-004 **Work Order #...:** J8574 **Matrix.....:** SO
Date Sampled...: 10/16/07 12:00 **Date Received..:** 10/17/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.4 J**	**0.94**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291597**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-061

General Chemistry

Lot-Sample #...: A7J170210-005 **Work Order #...:** J8575 **Matrix.....:** SO
Date Sampled...: 10/16/07 14:55 **Date Received..:** 10/17/07
% Moisture.....: 8.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.13 B**	**0.22**	**mg/kg**	**SW846 9012A**	**10/24/07**	**7297425**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.48 B,J**	**0.88**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291597**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101607-CB-064

General Chemistry

Lot-Sample #...: A7J170210-006 **Work Order #...:** J8577 **Matrix.....:** SO
Date Sampled...: 10/16/07 16:45 **Date Received..:** 10/17/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.49 B,J**	**0.90**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**89.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291597**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J190000-203

Prep Date.....: 10/18/07
Analysis Date..: 10/18/07 **Prep Batch #...:** 7292203
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**1.1 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	74	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	97	2.3	SW846 8260B
Benzene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**0.56**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	0.42	SW846 8260B
Bromoform	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	0.75	SW846 8260B
Bromomethane	50	52	ug/kg	105		SW846 8260B
	50	53	ug/kg	105	0.45	SW846 8260B
2-Butanone	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	102	1.6	SW846 8260B
Carbon disulfide	50	57	ug/kg	115		SW846 8260B
	50	56	ug/kg	111	3.0	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	110	0.70	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.0**	**SW846 8260B**
Dibromochloromethane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	103	0.99	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	47	ug/kg	93		SW846 8260B
	50	48	ug/kg	97	3.6	SW846 8260B
Chloroethane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	105	1.0	SW846 8260B
Chloroform	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	107	0.90	SW846 8260B
Chloromethane	50	49	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	0.050	SW846 8260B
Cyclohexane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	101	0.54	SW846 8260B
1,2-Dibromoethane	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	98	0.18	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	97		SW846 8260B
	50	49	ug/kg	97	0.91	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.4	SW846 8260B
1,4-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	95	1.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	47	ug/kg	94		SW846 8260B
	50	49	ug/kg	97	2.7	SW846 8260B
1,1-Dichloroethane	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	109	0.71	SW846 8260B
1,2-Dichloroethane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	1.5	SW846 8260B
1,1-Dichloroethene	**50**	**55**	**ug/kg**	**109**		**SW846 8260B**
	50	**54**	**ug/kg**	**108**	**1.1**	**SW846 8260B**
cis-1,2-Dichloroethene	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	110	0.080	SW846 8260B
trans-1,2-Dichloroethene	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	110	1.2	SW846 8260B
1,2-Dichloropropane	50	54	ug/kg	107		SW846 8260B
	50	54	ug/kg	107	0.010	SW846 8260B
cis-1,3-Dichloropropene	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	105	1.8	SW846 8260B
trans-1,3-Dichloropropene	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	99	0.28	SW846 8260B
Ethylbenzene	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.5	SW846 8260B
Trichlorofluoromethane	50	58	ug/kg	116		SW846 8260B
	50	57	ug/kg	114	2.3	SW846 8260B
2-Hexanone	50	44	ug/kg	87		SW846 8260B
	50	45	ug/kg	91	3.6	SW846 8260B
Isopropylbenzene	50	58	ug/kg	116		SW846 8260B
	50	57	ug/kg	114	1.3	SW846 8260B
Methyl acetate	50	50	ug/kg	99		SW846 8260B
	50	52	ug/kg	103	3.7	SW846 8260B
Methylcyclohexane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	105	0.64	SW846 8260B
Methylene chloride	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	114	0.10	SW846 8260B
4-Methyl-2-pentanone	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	103	1.8	SW846 8260B
Styrene	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	103	2.8	SW846 8260B
1,1,2,2-Tetrachloroethane	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.27	SW846 8260B
Tetrachloroethene	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	99	1.1	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**49**	**ug/kg**	**99**	**1.2**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.28	SW846 8260B
1,1,1-Trichloroethane	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	109	1.1	SW846 8260B
1,1,2-Trichloroethane	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	100	0.95	SW846 8260B
Trichloroethene	**50**	**55**	**ug/kg**	**109**		**SW846 8260B**
	50	**54**	**ug/kg**	**108**	**1.3**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	50	61	ug/kg	122		SW846 8260B
	50	63	ug/kg	126	3.4	SW846 8260B
1,2,4-Trimethylbenzene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	97	1.0	SW846 8260B
1,3,5-Trimethylbenzene	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	99	0.070	SW846 8260B
Vinyl chloride	50	46	ug/kg	93		SW846 8260B
	50	47	ug/kg	95	2.2	SW846 8260B
Xylenes (total)	150	150	ug/kg	103		SW846 8260B
	150	150	ug/kg	101	2.3	SW846 8260B
Methyl tert-butyl ether	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	108	3.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
	90	(61 - 130)
Toluene-d8	91	(60 - 143)
	87	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	83	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	100	(58 - 130)			SW846 8260B
	97	(58 - 130)	2.3	(0-30)	SW846 8260B
Benzene	**106**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**0.56**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	106	(72 - 125)	0.42	(0-30)	SW846 8260B
Bromoform	107	(43 - 149)			SW846 8260B
	106	(43 - 149)	0.75	(0-30)	SW846 8260B
Bromomethane	105	(24 - 152)			SW846 8260B
	105	(24 - 152)	0.45	(0-30)	SW846 8260B
2-Butanone	100	(27 - 200)			SW846 8260B
	102	(27 - 200)	1.6	(0-46)	SW846 8260B
Carbon disulfide	115	(50 - 137)			SW846 8260B
	111	(50 - 137)	3.0	(0-30)	SW846 8260B
Carbon tetrachloride	110	(57 - 137)			SW846 8260B
	110	(57 - 137)	0.70	(0-30)	SW846 8260B
Chlorobenzene	**100**	**(75 - 127)**			**SW846 8260B**
	98	**(75 - 127)**	**2.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	104	(49 - 135)			SW846 8260B
	103	(49 - 135)	0.99	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	93	(50 - 150)			SW846 8260B
	97	(50 - 150)	3.6	(0-30)	SW846 8260B
Chloroethane	106	(31 - 144)			SW846 8260B
	105	(31 - 144)	1.0	(0-30)	SW846 8260B
Chloroform	106	(73 - 115)			SW846 8260B
	107	(73 - 115)	0.90	(0-30)	SW846 8260B
Chloromethane	97	(15 - 136)			SW846 8260B
	98	(15 - 136)	0.050	(0-30)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	101	(50 - 150)	0.54	(0-20)	SW846 8260B
1,2-Dibromoethane	98	(50 - 150)			SW846 8260B
	98	(50 - 150)	0.18	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.91	(0-30)	SW846 8260B
1,3-Dichlorobenzene	99	(50 - 150)			SW846 8260B
	98	(50 - 150)	1.4	(0-20)	SW846 8260B
1,4-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	95	(50 - 150)	1.5	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	94	(50 - 150)			SW846 8260B
	97	(50 - 150)	2.7	(0-20)	SW846 8260B
1,1-Dichloroethane	110	(77 - 119)			SW846 8260B
	109	(77 - 119)	0.71	(0-30)	SW846 8260B
1,2-Dichloroethane	106	(78 - 121)			SW846 8260B
	104	(78 - 121)	1.5	(0-30)	SW846 8260B
1,1-Dichloroethene	**109**	**(55 - 142)**			**SW846 8260B**
	108	**(55 - 142)**	**1.1**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	110	(77 - 114)			SW846 8260B
	110	(77 - 114)	0.080	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	111	(68 - 117)			SW846 8260B
	110	(68 - 117)	1.2	(0-30)	SW846 8260B
1,2-Dichloropropane	107	(78 - 116)			SW846 8260B
	107	(78 - 116)	0.010	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	103	(71 - 125)			SW846 8260B
	105	(71 - 125)	1.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	100	(67 - 125)			SW846 8260B
	99	(67 - 125)	0.28	(0-30)	SW846 8260B
Ethylbenzene	103	(79 - 114)			SW846 8260B
	102	(79 - 114)	1.5	(0-30)	SW846 8260B
Trichlorofluoromethane	116	(50 - 150)			SW846 8260B
	114	(50 - 150)	2.3	(0-20)	SW846 8260B
2-Hexanone	87	(29 - 200)			SW846 8260B
	91	(29 - 200)	3.6	(0-41)	SW846 8260B
Isopropylbenzene	116	(50 - 150)			SW846 8260B
	114	(50 - 150)	1.3	(0-20)	SW846 8260B
Methyl acetate	99	(50 - 150)			SW846 8260B
	103	(50 - 150)	3.7	(0-20)	SW846 8260B
Methylcyclohexane	104	(50 - 150)			SW846 8260B
	105	(50 - 150)	0.64	(0-20)	SW846 8260B
Methylene chloride	114	(58 - 130)			SW846 8260B
	114	(58 - 130)	0.10	(0-30)	SW846 8260B
4-Methyl-2-pentanone	101	(68 - 142)			SW846 8260B
	103	(68 - 142)	1.8	(0-60)	SW846 8260B
Styrene	106	(80 - 114)			SW846 8260B
	103	(80 - 114)	2.8	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	96	(70 - 133)			SW846 8260B
	96	(70 - 133)	0.27	(0-30)	SW846 8260B
Tetrachloroethene	100	(72 - 120)			SW846 8260B
	99	(72 - 120)	1.1	(0-30)	SW846 8260B
Toluene	**100**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**1.2**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	104	(50 - 150)			SW846 8260B
	104	(50 - 150)	0.28	(0-20)	SW846 8260B
1,1,1-Trichloroethane	110	(67 - 123)			SW846 8260B
	109	(67 - 123)	1.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	99	(82 - 116)			SW846 8260B
	100	(82 - 116)	0.95	(0-30)	SW846 8260B
Trichloroethene	**109**	**(70 - 131)**			**SW846 8260B**
	108	**(70 - 131)**	**1.3**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	122	(70 - 130)			SW846 8260B
	126	(50 - 150)	3.4	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	98	(70 - 130)			SW846 8260B
	97	(70 - 130)	1.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	99	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.070	(0-30)	SW846 8260B
Vinyl chloride	93	(24 - 152)			SW846 8260B
	95	(24 - 152)	2.2	(0-30)	SW846 8260B
Xylenes (total)	103	(80 - 114)			SW846 8260B
	101	(80 - 114)	2.3	(0-30)	SW846 8260B
Methyl tert-butyl ether	104	(70 - 130)			SW846 8260B
	108	(70 - 130)	3.1	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
	90	(61 - 130)
Toluene-d8	91	(60 - 143)
	87	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	83	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721ED-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721EE-MSD
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.6

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	34	44	ug/kg	113		SW846 8260B
	ND	46	57	ug/kg	112	25	SW846 8260B
Benzene	**ND**	**34**	**44**	**ug/kg**	**129**		**SW846 8260B**
	ND	**46**	**53**	**ug/kg**	**116**	**18**	**SW846 8260B**
Bromodichloromethane	ND	34	42	ug/kg	123		SW846 8260B
	ND	46	52	ug/kg	114	21	SW846 8260B
Bromoform	ND	34	43	ug/kg	127		SW846 8260B
	ND	46	51	ug/kg	112	17	SW846 8260B
Bromomethane	ND	34	44	ug/kg	130		SW846 8260B
	ND	46	53	ug/kg	115	17	SW846 8260B
2-Butanone	ND	34	42	ug/kg	124		SW846 8260B
	ND	46	52	ug/kg	114	20	SW846 8260B
Carbon disulfide	ND	34	49	ug/kg	144		SW846 8260B
	ND	46	57	ug/kg	124	14	SW846 8260B
Carbon tetrachloride	ND	34	45	ug/kg	132		SW846 8260B
	ND	46	54	ug/kg	119	18	SW846 8260B
Chlorobenzene	**ND**	**34**	**41**	**ug/kg**	**119**		**SW846 8260B**
	ND	**46**	**50**	**ug/kg**	**110**	**21**	**SW846 8260B**
Dibromochloromethane	ND	34	41	ug/kg	121		SW846 8260B
	ND	46	50	ug/kg	110	19	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	34	42	ug/kg	123		SW846 8260B
	ND	46	49	ug/kg	106	14	SW846 8260B
Chloroethane	ND	34	45	ug/kg	133		SW846 8260B
	ND	46	53	ug/kg	117	16	SW846 8260B
Chloroform	ND	34	44	ug/kg	128		SW846 8260B
	ND	46	53	ug/kg	117	20	SW846 8260B
Chloromethane	ND	34	41	ug/kg	119		SW846 8260B
	ND	46	48	ug/kg	104	16	SW846 8260B
Cyclohexane	ND	34	43	ug/kg	126		SW846 8260B
	ND	46	51	ug/kg	113	18	SW846 8260B
1,2-Dibromoethane	ND	34	42	ug/kg	123		SW846 8260B
	ND	46	51	ug/kg	111	19	SW846 8260B
1,2-Dichlorobenzene	ND	34	40	ug/kg	116		SW846 8260B
	ND	46	48	ug/kg	104	18	SW846 8260B
1,3-Dichlorobenzene	ND	34	41	ug/kg	121		SW846 8260B
	ND	46	50	ug/kg	110	19	SW846 8260B
1,4-Dichlorobenzene	ND	34	40	ug/kg	118		SW846 8260B
	ND	46	49	ug/kg	107	19	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721ED-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	34	42	ug/kg	122		SW846 8260B
	ND	46	50	ug/kg	110	19	SW846 8260B
1,1-Dichloroethane	ND	34	46	ug/kg	133 a		SW846 8260B
	ND	46	55	ug/kg	120	19	SW846 8260B
1,2-Dichloroethane	ND	34	42	ug/kg	123		SW846 8260B
	ND	46	52	ug/kg	115	21	SW846 8260B
1,1-Dichloroethene	**ND**	**34**	**47**	**ug/kg**	**137**		**SW846 8260B**
	ND	**46**	**56**	**ug/kg**	**124**	**19**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	34	45	ug/kg	132 a		SW846 8260B
	ND	46	55	ug/kg	121	20	SW846 8260B
trans-1,2-Dichloroethene	ND	34	47	ug/kg	138 a		SW846 8260B
	ND	46	56	ug/kg	123	17	SW846 8260B
1,2-Dichloropropane	ND	34	43	ug/kg	125		SW846 8260B
	ND	46	53	ug/kg	116	21	SW846 8260B
cis-1,3-Dichloropropene	ND	34	40	ug/kg	118		SW846 8260B
	ND	46	51	ug/kg	111	23	SW846 8260B
trans-1,3-Dichloropropene	ND	34	39	ug/kg	114		SW846 8260B
	ND	46	50	ug/kg	110	24	SW846 8260B
Ethylbenzene	ND	34	43	ug/kg	127		SW846 8260B
	ND	46	52	ug/kg	115	19	SW846 8260B
Trichlorofluoromethane	ND	34	50	ug/kg	146		SW846 8260B
	ND	46	56	ug/kg	123	11	SW846 8260B
2-Hexanone	ND	34	37	ug/kg	109		SW846 8260B
	ND	46	47	ug/kg	103	23	SW846 8260B
Isopropylbenzene	ND	34	49	ug/kg	144		SW846 8260B
	ND	46	60	ug/kg	130	19	SW846 8260B
Methyl acetate	ND	34	48	ug/kg	141		SW846 8260B
	ND	46	70	ug/kg	154	37	SW846 8260B
	Qualifiers: a,p						
Methylcyclohexane	ND	34	44	ug/kg	128		SW846 8260B
	ND	46	51	ug/kg	112	16	SW846 8260B
Methylene chloride	ND	34	47	ug/kg	137 a		SW846 8260B
	ND	46	56	ug/kg	124	18	SW846 8260B
4-Methyl-2-pentanone	ND	34	43	ug/kg	126		SW846 8260B
	ND	46	53	ug/kg	116	20	SW846 8260B
Styrene	ND	34	43	ug/kg	126		SW846 8260B
	ND	46	53	ug/kg	115	20	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	34	44	ug/kg	129		SW846 8260B
	ND	46	52	ug/kg	115	17	SW846 8260B
Tetrachloroethene	ND	34	45	ug/kg	131		SW846 8260B
	ND	46	53	ug/kg	116	17	SW846 8260B
Toluene	**ND**	**34**	**42**	**ug/kg**	**122**		**SW846 8260B**
	ND	**46**	**51**	**ug/kg**	**112**	**20**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721ED-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	34	33	ug/kg	97		SW846 8260B
	ND	46	40	ug/kg	89	19	SW846 8260B
1,1,1-Trichloroethane	ND	34	47	ug/kg	137 a		SW846 8260B
	ND	46	56	ug/kg	123	18	SW846 8260B
1,1,2-Trichloroethane	ND	34	42	ug/kg	122		SW846 8260B
	ND	46	50	ug/kg	109	18	SW846 8260B
Trichloroethene	**ND**	**34**	**45**	**ug/kg**	**132**		**SW846 8260B**
	ND	**46**	**54**	**ug/kg**	**118**	**18**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	34	54	ug/kg	159 a		SW846 8260B
	ND	46	64	ug/kg	140	16	SW846 8260B
1,2,4-Trimethylbenzene	ND	34	44	ug/kg	129		SW846 8260B
	ND	46	53	ug/kg	116	18	SW846 8260B
1,3,5-Trimethylbenzene	ND	34	45	ug/kg	132 a		SW846 8260B
	ND	46	54	ug/kg	118	18	SW846 8260B
Vinyl chloride	ND	34	38	ug/kg	112		SW846 8260B
	ND	46	48	ug/kg	104	22	SW846 8260B
Xylenes (total)	ND	100	130	ug/kg	128		SW846 8260B
	ND	140	160	ug/kg	116	19	SW846 8260B
Methyl tert-butyl ether	ND	34	42	ug/kg	124		SW846 8260B
	ND	46	53	ug/kg	116	23	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
	94	(61 - 130)
Toluene-d8	91	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	82	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721ED-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721EE-MSD
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7292203
Dilution Factor: 0.6

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	113	(10 - 200)			SW846 8260B
	112	(10 - 200)	25	(0-66)	SW846 8260B
Benzene	**129**	**(55 - 138)**			**SW846 8260B**
	116	**(55 - 138)**	**18**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	123	(47 - 131)			SW846 8260B
	114	(47 - 131)	21	(0-51)	SW846 8260B
Bromoform	127	(26 - 141)			SW846 8260B
	112	(26 - 141)	17	(0-64)	SW846 8260B
Bromomethane	130	(15 - 152)			SW846 8260B
	115	(15 - 152)	17	(0-72)	SW846 8260B
2-Butanone	124	(21 - 195)			SW846 8260B
	114	(21 - 195)	20	(0-60)	SW846 8260B
Carbon disulfide	144	(27 - 149)			SW846 8260B
	124	(27 - 149)	14	(0-73)	SW846 8260B
Carbon tetrachloride	132	(32 - 143)			SW846 8260B
	119	(32 - 143)	18	(0-68)	SW846 8260B
Chlorobenzene	**119**	**(49 - 139)**			**SW846 8260B**
	110	**(49 - 139)**	**21**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	121	(44 - 135)			SW846 8260B
	110	(44 - 135)	19	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	123	(50 - 150)			SW846 8260B
	106	(50 - 150)	14	(0-20)	SW846 8260B
Chloroethane	133	(32 - 140)			SW846 8260B
	117	(32 - 140)	16	(0-66)	SW846 8260B
Chloroform	128	(59 - 128)			SW846 8260B
	117	(59 - 128)	20	(0-46)	SW846 8260B
Chloromethane	119	(28 - 130)			SW846 8260B
	104	(28 - 130)	16	(0-81)	SW846 8260B
Cyclohexane	126	(50 - 150)			SW846 8260B
	113	(50 - 150)	18	(0-20)	SW846 8260B
1,2-Dibromoethane	123	(50 - 150)			SW846 8260B
	111	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dichlorobenzene	116	(50 - 150)			SW846 8260B
	104	(50 - 150)	18	(0-20)	SW846 8260B
1,3-Dichlorobenzene	121	(50 - 150)			SW846 8260B
	110	(50 - 150)	19	(0-20)	SW846 8260B
1,4-Dichlorobenzene	118	(50 - 150)			SW846 8260B
	107	(50 - 150)	19	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721ED-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	122	(50 - 150)			SW846 8260B
	110	(50 - 150)	19	(0-20)	SW846 8260B
1,1-Dichloroethane	133 a	(56 - 130)			SW846 8260B
	120	(56 - 130)	19	(0-54)	SW846 8260B
1,2-Dichloroethane	123	(56 - 126)			SW846 8260B
	115	(56 - 126)	21	(0-38)	SW846 8260B
1,1-Dichloroethene	**137**	**(43 - 147)**			**SW846 8260B**
	124	**(43 - 147)**	**19**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	132 a	(48 - 127)			SW846 8260B
	121	(48 - 127)	20	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	138 a	(47 - 127)			SW846 8260B
	123	(47 - 127)	17	(0-58)	SW846 8260B
1,2-Dichloropropane	125	(54 - 125)			SW846 8260B
	116	(54 - 125)	21	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	118	(30 - 138)			SW846 8260B
	111	(30 - 138)	23	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	114	(34 - 134)			SW846 8260B
	110	(34 - 134)	24	(0-57)	SW846 8260B
Ethylbenzene	127	(36 - 133)			SW846 8260B
	115	(36 - 133)	19	(0-72)	SW846 8260B
Trichlorofluoromethane	146	(50 - 150)			SW846 8260B
	123	(50 - 150)	11	(0-20)	SW846 8260B
2-Hexanone	109	(20 - 190)			SW846 8260B
	103	(20 - 190)	23	(0-70)	SW846 8260B
Isopropylbenzene	144	(50 - 150)			SW846 8260B
	130	(50 - 150)	19	(0-20)	SW846 8260B
Methyl acetate	141	(50 - 150)			SW846 8260B
	154 a,p	(50 - 150)	37	(0-20)	SW846 8260B
Methylcyclohexane	128	(50 - 150)			SW846 8260B
	112	(50 - 150)	16	(0-20)	SW846 8260B
Methylene chloride	137 a	(45 - 129)			SW846 8260B
	124	(45 - 129)	18	(0-49)	SW846 8260B
4-Methyl-2-pentanone	126	(42 - 143)			SW846 8260B
	116	(42 - 143)	20	(0-60)	SW846 8260B
Styrene	126	(23 - 136)			SW846 8260B
	115	(23 - 136)	20	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	129	(33 - 162)			SW846 8260B
	115	(33 - 162)	17	(0-90)	SW846 8260B
Tetrachloroethene	131	(31 - 137)			SW846 8260B
	116	(31 - 137)	17	(0-81)	SW846 8260B
Toluene	**122**	**(46 - 147)**			**SW846 8260B**
	112	**(46 - 147)**	**20**	**(0-24)**	**SW846 8260B**

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721ED-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	97	(50 - 150)			SW846 8260B
	89	(50 - 150)	19	(0-20)	SW846 8260B
1,1,1-Trichloroethane	137 a	(48 - 132)			SW846 8260B
	123	(48 - 132)	18	(0-57)	SW846 8260B
1,1,2-Trichloroethane	122	(58 - 128)			SW846 8260B
	109	(58 - 128)	18	(0-52)	SW846 8260B
Trichloroethene	**132**	**(46 - 143)**			**SW846 8260B**
	118	**(46 - 143)**	**18**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	159 a	(50 - 150)			SW846 8260B
	140	(50 - 150)	16	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	129	(70 - 130)			SW846 8260B
	116	(70 - 130)	18	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	132 a	(70 - 130)			SW846 8260B
	118	(70 - 130)	18	(0-30)	SW846 8260B
Vinyl chloride	112	(30 - 136)			SW846 8260B
	104	(30 - 136)	22	(0-80)	SW846 8260B
Xylenes (total)	128	(33 - 135)			SW846 8260B
	116	(33 - 135)	19	(0-78)	SW846 8260B
Methyl tert-butyl ether	124	(70 - 130)			SW846 8260B
	116	(70 - 130)	23	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
	94	(61 - 130)
Toluene-d8	91	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	82	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J180000-041

Prep Date.....: 10/18/07
Analysis Date..: 10/19/07 **Prep Batch #...:** 7291041
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(24 - 112)
2-Fluorobiphenyl	78	(34 - 110)
Terphenyl-d14	104	(41 - 119)
Phenol-d5	81	(28 - 110)
2-Fluorophenol	79	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-041
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	580	ug/kg	87	SW846 8270C
Pyridine	670	280	ug/kg	42	SW846 8270C
Acenaphthene	**670**	**570**	**ug/kg**	**86**	**SW846 8270C**
Acenaphthylene	670	550	ug/kg	83	SW846 8270C
Acetophenone	670	540	ug/kg	81	SW846 8270C
Anthracene	670	570	ug/kg	85	SW846 8270C
Atrazine	670	720	ug/kg	108	SW846 8270C
Benzo(a)anthracene	670	590	ug/kg	88	SW846 8270C
Benzo(a)pyrene	670	590	ug/kg	88	SW846 8270C
Benzo(b)fluoranthene	670	610	ug/kg	91	SW846 8270C
Benzo(ghi)perylene	670	560	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	670	590	ug/kg	88	SW846 8270C
Benzaldehyde	670	610	ug/kg	92	SW846 8270C
1,1'-Biphenyl	670	590	ug/kg	89	SW846 8270C
bis(2-Chloroethoxy) methane	670	580	ug/kg	87	SW846 8270C
bis(2-Chloroethyl)- ether	670	660	ug/kg	99	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	630	ug/kg	95	SW846 8270C
4-Bromophenyl phenyl ether	670	580	ug/kg	87	SW846 8270C
Butyl benzyl phthalate	670	680	ug/kg	102	SW846 8270C
Caprolactam	670	590	ug/kg	88	SW846 8270C
Carbazole	670	600	ug/kg	90	SW846 8270C
4-Chloroaniline	670	330	ug/kg	49	SW846 8270C
4-Chloro-3-methylphenol	**670**	**600**	**ug/kg**	**91**	**SW846 8270C**
2-Chloronaphthalene	670	540	ug/kg	81	SW846 8270C
2-Chlorophenol	**670**	**520**	**ug/kg**	**79**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	630	ug/kg	94	SW846 8270C
Chrysene	670	600	ug/kg	90	SW846 8270C
Dibenz(a,h)anthracene	670	580	ug/kg	87	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-041

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	580	ug/kg	88	SW846 8270C
3,3'-Dichlorobenzidine	670	370	ug/kg	56	SW846 8270C
2,4-Dichlorophenol	670	550	ug/kg	82	SW846 8270C
Diethyl phthalate	670	660	ug/kg	99	SW846 8270C
2,4-Dimethylphenol	670	510	ug/kg	77	SW846 8270C
Dimethyl phthalate	670	620	ug/kg	92	SW846 8270C
Di-n-butyl phthalate	670	620	ug/kg	93	SW846 8270C
4,6-Dinitro-2-methylphenol	670	100 a	ug/kg	16	SW846 8270C
2,4-Dinitrophenol	670	120	ug/kg	18	SW846 8270C
2,4-Dinitrotoluene	**670**	**650**	**ug/kg**	**97**	**SW846 8270C**
2,6-Dinitrotoluene	670	620	ug/kg	93	SW846 8270C
Di-n-octyl phthalate	670	690	ug/kg	103	SW846 8270C
Fluoranthene	670	610	ug/kg	91	SW846 8270C
Fluorene	670	580	ug/kg	87	SW846 8270C
Hexachlorobenzene	670	550	ug/kg	82	SW846 8270C
Hexachlorobutadiene	670	490	ug/kg	74	SW846 8270C
Hexachlorocyclopenta-diene	670	320	ug/kg	48	SW846 8270C
Hexachloroethane	670	460	ug/kg	69	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	580	ug/kg	87	SW846 8270C
Isophorone	670	610	ug/kg	91	SW846 8270C
2-Methylnaphthalene	670	570	ug/kg	86	SW846 8270C
2-Methylphenol	670	550	ug/kg	83	SW846 8270C
4-Methylphenol	1300	1100	ug/kg	82	SW846 8270C
Naphthalene	670	510	ug/kg	76	SW846 8270C
2-Nitroaniline	670	740	ug/kg	110	SW846 8270C
3-Nitroaniline	670	570	ug/kg	86	SW846 8270C
4-Nitroaniline	670	690	ug/kg	103	SW846 8270C
Nitrobenzene	670	570	ug/kg	86	SW846 8270C
2-Nitrophenol	670	450	ug/kg	68	SW846 8270C
4-Nitrophenol	**670**	**630**	**ug/kg**	**94**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**550**	**ug/kg**	**82**	**SW846 8270C**
N-Nitrosodiphenylamine	670	600	ug/kg	89	SW846 8270C
Pentachlorophenol	**670**	**240**	**ug/kg**	**35**	**SW846 8270C**
Phenanthrene	670	560	ug/kg	84	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-041

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**560**	**ug/kg**	**84**	**SW846 8270C**
Pyrene	**670**	**650**	**ug/kg**	**98**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	610	ug/kg	92	SW846 8270C
2,4,6-Trichloro-phenol	670	540	ug/kg	81	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	107	(41 - 119)
Phenol-d5	85	(28 - 110)
2-Fluorophenol	79	(26 - 110)
2,4,6-Tribromophenol	83	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-041
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	87	(36 - 116)	SW846 8270C
Pyridine	42	(22 - 110)	SW846 8270C
Acenaphthene	**86**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	83	(47 - 110)	SW846 8270C
Acetophenone	81	(50 - 130)	SW846 8270C
Anthracene	85	(56 - 111)	SW846 8270C
Atrazine	108	(50 - 130)	SW846 8270C
Benzo(a)anthracene	88	(58 - 111)	SW846 8270C
Benzo(a)pyrene	88	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	91	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	84	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	88	(38 - 122)	SW846 8270C
Benzaldehyde	92	(10 - 130)	SW846 8270C
1,1'-Biphenyl	89	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	87	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	99	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	95	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	87	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	102	(57 - 121)	SW846 8270C
Caprolactam	88	(50 - 130)	SW846 8270C
Carbazole	90	(56 - 115)	SW846 8270C
4-Chloroaniline	49	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**91**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	81	(46 - 110)	SW846 8270C
2-Chlorophenol	**79**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	94	(53 - 110)	SW846 8270C
Chrysene	90	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	87	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-041

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	88	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	56	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	82	(40 - 110)	SW846 8270C
Diethyl phthalate	99	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	77	(28 - 110)	SW846 8270C
Dimethyl phthalate	92	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	93	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	16 a	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	18	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**97**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	93	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	103	(45 - 123)	SW846 8270C
Fluoranthene	91	(55 - 118)	SW846 8270C
Fluorene	87	(51 - 110)	SW846 8270C
Hexachlorobenzene	82	(51 - 110)	SW846 8270C
Hexachlorobutadiene	74	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	48	(10 - 110)	SW846 8270C
Hexachloroethane	69	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	87	(45 - 121)	SW846 8270C
Isophorone	91	(46 - 117)	SW846 8270C
2-Methylnaphthalene	86	(46 - 110)	SW846 8270C
2-Methylphenol	83	(36 - 110)	SW846 8270C
4-Methylphenol	82	(40 - 110)	SW846 8270C
Naphthalene	76	(42 - 110)	SW846 8270C
2-Nitroaniline	110	(47 - 124)	SW846 8270C
3-Nitroaniline	86	(44 - 110)	SW846 8270C
4-Nitroaniline	103	(50 - 110)	SW846 8270C
Nitrobenzene	86	(40 - 110)	SW846 8270C
2-Nitrophenol	68	(35 - 110)	SW846 8270C
4-Nitrophenol	**94**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**82**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	89	(54 - 112)	SW846 8270C
Pentachlorophenol	**35**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	84	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-041

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**84**	**(39 - 110)**	**SW846 8270C**
Pyrene	**98**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	92	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	81	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	89	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	107	(41 - 119)
Phenol-d5	85	(28 - 110)
2-Fluorophenol	79	(26 - 110)
2,4,6-Tribromophenol	83	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	640	ug/kg	84	1.4	SW846 8270C
Pyridine	ND	750	300	ug/kg	40		SW846 8270C
	ND	760	230	ug/kg	30	29	SW846 8270C
Acenaphthene	**ND**	**750**	**630**	**ug/kg**	**84**		**SW846 8270C**
	ND	**760**	**640**	**ug/kg**	**85**	**1.6**	**SW846 8270C**
Acenaphthylene	ND	750	600	ug/kg	80		SW846 8270C
	ND	760	610	ug/kg	81	1.7	SW846 8270C
Acetophenone	ND	750	590	ug/kg	79		SW846 8270C
	ND	760	600	ug/kg	79	1.2	SW846 8270C
Anthracene	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	650	ug/kg	86	3.6	SW846 8270C
Atrazine	ND	750	790	ug/kg	105		SW846 8270C
	ND	760	830	ug/kg	110	4.5	SW846 8270C
Benzo(a)anthracene	ND	750	640	ug/kg	85		SW846 8270C
	ND	760	650	ug/kg	86	1.6	SW846 8270C
Benzo(a)pyrene	ND	750	630	ug/kg	84		SW846 8270C
	ND	760	650	ug/kg	86	2.0	SW846 8270C
Benzo(b)fluoranthene	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	680	ug/kg	90	7.9	SW846 8270C
Benzo(ghi)perylene	ND	750	630	ug/kg	84		SW846 8270C
	ND	760	640	ug/kg	85	1.5	SW846 8270C
Benzo(k)fluoranthene	ND	750	680	ug/kg	90		SW846 8270C
	ND	760	660	ug/kg	87	3.2	SW846 8270C
Benzaldehyde	ND	750	660	ug/kg	87		SW846 8270C
	ND	760	690	ug/kg	92	5.2	SW846 8270C
1,1'-Biphenyl	ND	750	670	ug/kg	89		SW846 8270C
	ND	760	670	ug/kg	89	0.10	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	610	ug/kg	81		SW846 8270C
	ND	760	640	ug/kg	84	4.6	SW846 8270C
bis(2-Chloroethyl)-ether	ND	750	680	ug/kg	90		SW846 8270C
	ND	760	790	ug/kg	105	16	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	750	730	ug/kg	97		SW846 8270C
	ND	760	710	ug/kg	95	2.1	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	650	ug/kg	86		SW846 8270C
	ND	760	660	ug/kg	87	1.2	SW846 8270C
Butyl benzyl phthalate	ND	750	780	ug/kg	103		SW846 8270C
	ND	760	770	ug/kg	102	0.67	SW846 8270C
Caprolactam	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	590	ug/kg	78	6.2	SW846 8270C
Carbazole	ND	750	660	ug/kg	88		SW846 8270C
	ND	760	660	ug/kg	87	1.0	SW846 8270C
4-Chloroaniline	ND	750	460	ug/kg	61		SW846 8270C
	ND	760	420	ug/kg	56	9.9	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**630**	**ug/kg**	**83**		**SW846 8270C**
	ND	**760**	**680**	**ug/kg**	**90**	**8.4**	**SW846 8270C**
2-Chloronaphthalene	ND	750	610	ug/kg	81		SW846 8270C
	ND	760	610	ug/kg	81	0.09	SW846 8270C
2-Chlorophenol	**ND**	**750**	**570**	**ug/kg**	**76**		**SW846 8270C**
	ND	**760**	**600**	**ug/kg**	**79**	**3.7**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	680	ug/kg	90		SW846 8270C
	ND	760	720	ug/kg	95	5.4	SW846 8270C
Chrysene	ND	750	670	ug/kg	89		SW846 8270C
	ND	760	660	ug/kg	88	0.95	SW846 8270C
Dibenz(a,h)anthracene	ND	750	640	ug/kg	85		SW846 8270C
	ND	760	640	ug/kg	85	0.22	SW846 8270C
Dibenzofuran	ND	750	630	ug/kg	84		SW846 8270C
	ND	760	660	ug/kg	87	3.5	SW846 8270C
3,3'-Dichlorobenzidine	ND	750	470	ug/kg	62		SW846 8270C
	ND	760	430	ug/kg	57	9.4	SW846 8270C
2,4-Dichlorophenol	ND	750	570	ug/kg	75		SW846 8270C
	ND	760	600	ug/kg	80	6.0	SW846 8270C
Diethyl phthalate	ND	750	700	ug/kg	93		SW846 8270C
	ND	760	710	ug/kg	94	1.2	SW846 8270C
2,4-Dimethylphenol	ND	750	580	ug/kg	77		SW846 8270C
	ND	760	590	ug/kg	77	1.4	SW846 8270C
Dimethyl phthalate	ND	750	670	ug/kg	89		SW846 8270C
	ND	760	700	ug/kg	93	4.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	750	690	ug/kg	92		SW846 8270C
	ND	760	690	ug/kg	92	0.19	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	110	ug/kg	15		SW846 8270C
	ND	760	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:	a,p					
2,4-Dinitrophenol	ND	750	140	ug/kg	19		SW846 8270C
	ND	760	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:	a,p					
2,4-Dinitrotoluene	**ND**	**750**	**660**	**ug/kg**	**87**		**SW846 8270C**
	ND	**760**	**650**	**ug/kg**	**86**	**0.84**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	640	ug/kg	85		SW846 8270C
	ND	760	620	ug/kg	82	3.2	SW846 8270C
Di-n-octyl phthalate	ND	750	750	ug/kg	99		SW846 8270C
	ND	760	760	ug/kg	101	1.8	SW846 8270C
Fluoranthene	ND	750	640	ug/kg	85		SW846 8270C
	ND	760	660	ug/kg	87	2.4	SW846 8270C
Fluorene	ND	750	630	ug/kg	84		SW846 8270C
	ND	760	680	ug/kg	90	6.8	SW846 8270C
Hexachlorobenzene	ND	750	600	ug/kg	80		SW846 8270C
	ND	760	610	ug/kg	81	2.0	SW846 8270C
Hexachlorobutadiene	ND	750	560	ug/kg	74		SW846 8270C
	ND	760	570	ug/kg	75	1.9	SW846 8270C
Hexachlorocyclopenta-diene	ND	750	290	ug/kg	39		SW846 8270C
	ND	760	160	ug/kg	21 p	61	SW846 8270C
Hexachloroethane	ND	750	480	ug/kg	64		SW846 8270C
	ND	760	450	ug/kg	60	6.7	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	750	650	ug/kg	86		SW846 8270C
	ND	760	650	ug/kg	86	0.55	SW846 8270C
Isophorone	ND	750	650	ug/kg	86		SW846 8270C
	ND	760	670	ug/kg	89	4.0	SW846 8270C
2-Methylnaphthalene	ND	750	620	ug/kg	82		SW846 8270C
	ND	760	630	ug/kg	84	2.3	SW846 8270C
2-Methylphenol	ND	750	570	ug/kg	76		SW846 8270C
	ND	760	610	ug/kg	80	5.4	SW846 8270C
4-Methylphenol	ND	1500	1100	ug/kg	73		SW846 8270C
	ND	1500	1200	ug/kg	78	6.4	SW846 8270C
Naphthalene	ND	750	550	ug/kg	73		SW846 8270C
	ND	760	570	ug/kg	76	4.5	SW846 8270C
2-Nitroaniline	ND	750	800	ug/kg	106		SW846 8270C
	ND	760	850	ug/kg	112	6.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	750	670	ug/kg	89		SW846 8270C
	ND	760	650	ug/kg	86	3.6	SW846 8270C
4-Nitroaniline	ND	750	760	ug/kg	101		SW846 8270C
	ND	760	790	ug/kg	105	4.1	SW846 8270C
Nitrobenzene	ND	750	620	ug/kg	82		SW846 8270C
	ND	760	650	ug/kg	87	5.2	SW846 8270C
2-Nitrophenol	ND	750	460	ug/kg	61		SW846 8270C
	ND	760	400	ug/kg	53	15	SW846 8270C
4-Nitrophenol	**ND**	**750**	**630**	**ug/kg**	**83**		**SW846 8270C**
	ND	**760**	**580**	**ug/kg**	**76**	**8.2**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**600**	**ug/kg**	**80**		**SW846 8270C**
	ND	**760**	**570**	**ug/kg**	**76**	**5.3**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	750	690	ug/kg	91		SW846 8270C
	ND	760	690	ug/kg	91	0.25	SW846 8270C
Pentachlorophenol	**ND**	**750**	**380**	**ug/kg**	**51**		**SW846 8270C**
	ND	**760**	**280**	**ug/kg**	**37 p**	**31**	**SW846 8270C**
Phenanthrene	ND	750	630	ug/kg	84		SW846 8270C
	ND	760	630	ug/kg	83	0.04	SW846 8270C
Phenol	**ND**	**750**	**600**	**ug/kg**	**80**		**SW846 8270C**
	ND	**760**	**620**	**ug/kg**	**82**	**2.7**	**SW846 8270C**
Pyrene	**ND**	**750**	**710**	**ug/kg**	**95**		**SW846 8270C**
	ND	**760**	**730**	**ug/kg**	**97**	**2.3**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	610	ug/kg	81		SW846 8270C
	ND	760	680	ug/kg	90	11	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	580	ug/kg	77		SW846 8270C
	ND	760	570	ug/kg	75	2.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(24 - 112)
	86	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
	80	(34 - 110)
Terphenyl-d14	104	(41 - 119)
	107	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	80	(28 - 110)
	84	(28 - 110)
2-Fluorophenol	75	(26 - 110)
	75	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)
	81	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	83	(25 - 124)			SW846 8270C
	84	(25 - 124)	1.4	(0-30)	SW846 8270C
Pyridine	40	(10 - 110)			SW846 8270C
	30	(10 - 110)	29	(0-30)	SW846 8270C
Acenaphthene	**84**	**(10 - 200)**			**SW846 8270C**
	85	**(10 - 200)**	**1.6**	**(0-30)**	**SW846 8270C**
Acenaphthylene	80	(10 - 200)			SW846 8270C
	81	(10 - 200)	1.7	(0-30)	SW846 8270C
Acetophenone	79	(50 - 130)			SW846 8270C
	79	(50 - 130)	1.2	(0-30)	SW846 8270C
Anthracene	83	(10 - 200)			SW846 8270C
	86	(10 - 200)	3.6	(0-30)	SW846 8270C
Atrazine	105	(50 - 130)			SW846 8270C
	110	(50 - 130)	4.5	(0-30)	SW846 8270C
Benzo(a)anthracene	85	(10 - 200)			SW846 8270C
	86	(10 - 200)	1.6	(0-30)	SW846 8270C
Benzo(a)pyrene	84	(10 - 200)			SW846 8270C
	86	(10 - 200)	2.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	83	(10 - 200)			SW846 8270C
	90	(10 - 200)	7.9	(0-30)	SW846 8270C
Benzo(ghi)perylene	84	(10 - 200)			SW846 8270C
	85	(10 - 200)	1.5	(0-30)	SW846 8270C
Benzo(k)fluoranthene	90	(10 - 200)			SW846 8270C
	87	(10 - 200)	3.2	(0-30)	SW846 8270C
Benzaldehyde	87	(10 - 130)			SW846 8270C
	92	(10 - 130)	5.2	(0-30)	SW846 8270C
1,1'-Biphenyl	89	(50 - 130)			SW846 8270C
	89	(50 - 130)	0.10	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	81	(36 - 110)			SW846 8270C
	84	(36 - 110)	4.6	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	90	(32 - 118)			SW846 8270C
	105	(32 - 118)	16	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	97	(10 - 200)			SW846 8270C
	95	(10 - 200)	2.1	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	86	(44 - 120)			SW846 8270C
	87	(44 - 120)	1.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	103	(43 - 138)			SW846 8270C
	102	(43 - 138)	0.67	(0-30)	SW846 8270C
Caprolactam	83	(50 - 130)			SW846 8270C
	78	(50 - 130)	6.2	(0-30)	SW846 8270C
Carbazole	88	(10 - 162)			SW846 8270C
	87	(10 - 162)	1.0	(0-30)	SW846 8270C
4-Chloroaniline	61	(11 - 110)			SW846 8270C
	56	(11 - 110)	9.9	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**83**	**(32 - 117)**			**SW846 8270C**
	90	**(32 - 117)**	**8.4**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	81	(40 - 110)			SW846 8270C
	81	(40 - 110)	0.09	(0-30)	SW846 8270C
2-Chlorophenol	**76**	**(32 - 110)**			**SW846 8270C**
	79	**(32 - 110)**	**3.7**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	90	(47 - 116)			SW846 8270C
	95	(47 - 116)	5.4	(0-30)	SW846 8270C
Chrysene	89	(10 - 200)			SW846 8270C
	88	(10 - 200)	0.95	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	85	(10 - 200)			SW846 8270C
	85	(10 - 200)	0.22	(0-30)	SW846 8270C
Dibenzofuran	84	(10 - 200)			SW846 8270C
	87	(10 - 200)	3.5	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	62	(10 - 110)			SW846 8270C
	57	(10 - 110)	9.4	(0-30)	SW846 8270C
2,4-Dichlorophenol	75	(33 - 110)			SW846 8270C
	80	(33 - 110)	6.0	(0-30)	SW846 8270C
Diethyl phthalate	93	(48 - 118)			SW846 8270C
	94	(48 - 118)	1.2	(0-30)	SW846 8270C
2,4-Dimethylphenol	77	(19 - 114)			SW846 8270C
	77	(19 - 114)	1.4	(0-30)	SW846 8270C
Dimethyl phthalate	89	(47 - 116)			SW846 8270C
	93	(47 - 116)	4.6	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	92	(31 - 145)			SW846 8270C
	92	(31 - 145)	0.19	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	15	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrophenol	19	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**87**	**(42 - 118)**			**SW846 8270C**
	86	**(42 - 118)**	**0.84**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	85	(28 - 137)			SW846 8270C
	82	(28 - 137)	3.2	(0-30)	SW846 8270C
Di-n-octyl phthalate	99	(10 - 182)			SW846 8270C
	101	(10 - 182)	1.8	(0-30)	SW846 8270C
Fluoranthene	85	(10 - 200)			SW846 8270C
	87	(10 - 200)	2.4	(0-30)	SW846 8270C
Fluorene	84	(10 - 187)			SW846 8270C
	90	(10 - 187)	6.8	(0-30)	SW846 8270C
Hexachlorobenzene	80	(37 - 122)			SW846 8270C
	81	(37 - 122)	2.0	(0-30)	SW846 8270C
Hexachlorobutadiene	74	(30 - 110)			SW846 8270C
	75	(30 - 110)	1.9	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	39	(10 - 110)			SW846 8270C
	21 p	(10 - 110)	61	(0-30)	SW846 8270C
Hexachloroethane	64	(13 - 110)			SW846 8270C
	60	(13 - 110)	6.7	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(10 - 200)			SW846 8270C
	86	(10 - 200)	0.55	(0-30)	SW846 8270C
Isophorone	86	(32 - 129)			SW846 8270C
	89	(32 - 129)	4.0	(0-30)	SW846 8270C
2-Methylnaphthalene	82	(10 - 200)			SW846 8270C
	84	(10 - 200)	2.3	(0-30)	SW846 8270C
2-Methylphenol	76	(19 - 124)			SW846 8270C
	80	(19 - 124)	5.4	(0-30)	SW846 8270C
4-Methylphenol	73	(27 - 116)			SW846 8270C
	78	(27 - 116)	6.4	(0-30)	SW846 8270C
Naphthalene	73	(10 - 200)			SW846 8270C
	76	(10 - 200)	4.5	(0-30)	SW846 8270C
2-Nitroaniline	106	(31 - 141)			SW846 8270C
	112	(31 - 141)	6.1	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	89	(24 - 110)			SW846 8270C
	86	(24 - 110)	3.6	(0-30)	SW846 8270C
4-Nitroaniline	101	(23 - 124)			SW846 8270C
	105	(23 - 124)	4.1	(0-30)	SW846 8270C
Nitrobenzene	82	(33 - 111)			SW846 8270C
	87	(33 - 111)	5.2	(0-30)	SW846 8270C
2-Nitrophenol	61	(17 - 110)			SW846 8270C
	53	(17 - 110)	15	(0-30)	SW846 8270C
4-Nitrophenol	**83**	**(10 - 125)**			**SW846 8270C**
	76	**(10 - 125)**	**8.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**80**	**(30 - 121)**			**SW846 8270C**
	76	**(30 - 121)**	**5.3**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	91	(10 - 169)			SW846 8270C
	91	(10 - 169)	0.25	(0-30)	SW846 8270C
Pentachlorophenol	**51**	**(10 - 182)**			**SW846 8270C**
	37 p	**(10 - 182)**	**31**	**(0-30)**	**SW846 8270C**
Phenanthrene	84	(10 - 200)			SW846 8270C
	83	(10 - 200)	0.04	(0-30)	SW846 8270C
Phenol	**80**	**(10 - 144)**			**SW846 8270C**
	82	**(10 - 144)**	**2.7**	**(0-30)**	**SW846 8270C**
Pyrene	**95**	**(10 - 200)**			**SW846 8270C**
	97	**(10 - 200)**	**2.3**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	81	(32 - 112)			SW846 8270C
	90	(32 - 112)	11	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	77	(22 - 110)			SW846 8270C
	75	(22 - 110)	2.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(24 - 112)
	86	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
	80	(34 - 110)
Terphenyl-d14	104	(41 - 119)
	107	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	80	(28 - 110)
	84	(28 - 110)
2-Fluorophenol	75	(26 - 110)
	75	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)
	81	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CR1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J180000-040

Prep Date.....: 10/18/07
Analysis Date..: 10/21/07 **Prep Batch #...:** 7291040
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	87	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-040
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**260**	**ug/kg**	**77**	**SW846 8082**
Aroclor 1260	**330**	**270**	**ug/kg**	**81**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	82	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J88CR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-040
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**77**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**81**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	82	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721A2-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721A3-MSD
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**380**	**320**	**ug/kg**	**86**		**SW846 8082**
	ND	**380**	**360**	**ug/kg**	**97**	**11**	**SW846 8082**
Aroclor 1260	**ND**	**380**	**330**	**ug/kg**	**88**		**SW846 8082**
	ND	**380**	**370**	**ug/kg**	**97**	**9.2**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
	91	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)
	92	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J170210 **Work Order #...:** J85721A2-MS **Matrix.....:** SO
MS Lot-Sample #: A7J170210-002 J85721A3-MSD
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/21/07
Prep Batch #...: 7291040
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**86**	**(10 - 199)**			**SW846 8082**
	97	**(10 - 199)**	**11**	**(0-30)**	**SW846 8082**
Aroclor 1260	**88**	**(10 - 199)**			**SW846 8082**
	97	**(10 - 199)**	**9.2**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
	91	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)
	92	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J180000-028 **Prep Batch #...:** 7291028						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/18/07	J88CD1AH
		Dilution Factor: 1				
Antimony	**0.098 B**	**0.16**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J88CD1A2**
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/18-10/19/07	J88CD1AA
		Dilution Factor: 1				
Barium	**0.26 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J88CD1AJ**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/18/07	J88CD1AK
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/18/07	J88CD1AL
		Dilution Factor: 1				
Calcium	ND	400	mg/kg	SW846 6010B	10/18/07	J88CD1AM
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/18/07	J88CD1A0
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/18/07	J88CD1AN
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/18/07	J88CD1AP
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/18/07	J88CD1AQ
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/18/07	J88CD1A1
		Dilution Factor: 1				
Magnesium	**7.5 B**	**80.0**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J88CD1AR**
		Dilution Factor: 1				
Manganese	**0.18 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J88CD1AT**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/18/07	J88CD1AG
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/18/07	J88CD1AU
		Dilution Factor: 1				
Potassium	**18.6 B**	**400**	**mg/kg**	**SW846 6010B**	**10/18/07**	**J88CD1AV**
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/18-10/19/07	J88CD1AC
		Dilution Factor: 1				
Silver	**0.019 B**	**0.080**	**mg/kg**	**SW846 6020**	**10/18-10/22/07**	**J88CD1AD**
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/18/07	J88CD1AW
		Dilution Factor: 1				
Thallium	**0.025 B**	**0.080**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J88CD1AE**
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/18/07	J88CD1AX
		Dilution Factor: 1				
Zinc	**0.45 B**	**0.80**	**mg/kg**	**SW846 6020**	**10/18-10/19/07**	**J88CD1AF**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J180000-028 **Prep Batch #...:** 7291028							
Arsenic	10.0	8.9	mg/kg	89	SW846 6020	10/18-10/19/07	J88CD1A3
			Dilution Factor: 1				
Selenium	10.0	8.5	mg/kg	85	SW846 6020	10/18-10/19/07	J88CD1A4
			Dilution Factor: 1				
Silver	5.0	5.3	mg/kg	107	SW846 6020	10/18-10/22/07	J88CD1A5
			Dilution Factor: 10				
Thallium	10.0	9.3	mg/kg	93	SW846 6020	10/18-10/19/07	J88CD1A6
			Dilution Factor: 1				
Zinc	10.0	8.2	mg/kg	82	SW846 6020	10/18-10/19/07	J88CD1A7
			Dilution Factor: 1				
Mercury	0.83	0.88	mg/kg	105	SW846 7471A	10/18/07	J88CD1A8
			Dilution Factor: 1				
Aluminum	200	180	mg/kg	90	SW846 6010B	10/18/07	J88CD1A9
			Dilution Factor: 1				
Barium	200	193	mg/kg	96	SW846 6010B	10/18/07	J88CD1CA
			Dilution Factor: 1				
Beryllium	5.0	4.9	mg/kg	97	SW846 6010B	10/18/07	J88CD1CC
			Dilution Factor: 1				
Cadmium	5.0	4.6	mg/kg	93	SW846 6010B	10/18/07	J88CD1CD
			Dilution Factor: 1				
Calcium	5000	4530	mg/kg	91	SW846 6010B	10/18/07	J88CD1CE
			Dilution Factor: 1				
Cobalt	50.0	46.5	mg/kg	93	SW846 6010B	10/18/07	J88CD1CF
			Dilution Factor: 1				
Copper	25.0	23.6	mg/kg	95	SW846 6010B	10/18/07	J88CD1CG
			Dilution Factor: 1				
Iron	100	119	mg/kg	119	SW846 6010B	10/18/07	J88CD1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5000	4430	mg/kg	89	SW846 6010B	10/18/07	J88CD1CJ
			Dilution Factor: 1				
Manganese	50.0	49.7	mg/kg	99	SW846 6010B	10/18/07	J88CD1CK
			Dilution Factor: 1				
Nickel	50.0	46.9	mg/kg	94	SW846 6010B	10/18/07	J88CD1CL
			Dilution Factor: 1				
Potassium	5000	4460	mg/kg	89	SW846 6010B	10/18/07	J88CD1CM
			Dilution Factor: 1				
Sodium	5000	4490	mg/kg	90	SW846 6010B	10/18/07	J88CD1CN
			Dilution Factor: 1				
Vanadium	50.0	46.2	mg/kg	92	SW846 6010B	10/18/07	J88CD1CP
			Dilution Factor: 1				
Chromium	20.0	18.7	mg/kg	93	SW846 6010B	10/18/07	J88CD1CQ
			Dilution Factor: 1				
Lead	50.0	45.4	mg/kg	91	SW846 6010B	10/18/07	J88CD1CR
			Dilution Factor: 1				
Antimony	50.0	48.6	mg/kg	97	SW846 6020	10/18-10/22/07	J88CD1CT
			Dilution Factor: 10				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J180000-028 **Prep Batch #...:** 7291028					
Arsenic	89	(73 - 110)	SW846 6020 Dilution Factor: 1	10/18-10/19/07	J88CD1A3
Selenium	85	(73 - 110)	SW846 6020 Dilution Factor: 1	10/18-10/19/07	J88CD1A4
Silver	107	(80 - 120)	SW846 6020 Dilution Factor: 10	10/18-10/22/07	J88CD1A5
Thallium	93	(71 - 110)	SW846 6020 Dilution Factor: 1	10/18-10/19/07	J88CD1A6
Zinc	82	(72 - 113)	SW846 6020 Dilution Factor: 1	10/18-10/19/07	J88CD1A7
Mercury	105	(81 - 116)	SW846 7471A Dilution Factor: 1	10/18/07	J88CD1A8
Aluminum	90	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1A9
Barium	96	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CA
Beryllium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CC
Cadmium	93	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CD
Calcium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CE
Cobalt	93	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CF
Copper	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CG
Iron	119	(73 - 137)	SW846 6010B Dilution Factor: 1	10/18/07	J88CD1CH

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	89	(80 - 120)	SW846 6010B	10/18/07	J88CD1CJ
		Dilution Factor: 1			
Manganese	99	(80 - 120)	SW846 6010B	10/18/07	J88CD1CK
		Dilution Factor: 1			
Nickel	94	(80 - 120)	SW846 6010B	10/18/07	J88CD1CL
		Dilution Factor: 1			
Potassium	89	(80 - 120)	SW846 6010B	10/18/07	J88CD1CM
		Dilution Factor: 1			
Sodium	90	(80 - 120)	SW846 6010B	10/18/07	J88CD1CN
		Dilution Factor: 1			
Vanadium	92	(80 - 120)	SW846 6010B	10/18/07	J88CD1CP
		Dilution Factor: 1			
Chromium	93	(80 - 120)	SW846 6010B	10/18/07	J88CD1CQ
		Dilution Factor: 1			
Lead	91	(80 - 120)	SW846 6010B	10/18/07	J88CD1CR
		Dilution Factor: 1			
Antimony	97	(80 - 120)	SW846 6020	10/18-10/22/07	J88CD1CT
		Dilution Factor: 10			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J170210-002 **Prep Batch #...:** 7291028									
Aluminum									
	7460	227	11300	mg/kg			SW846 6010B	10/18/07	J85721CK
			Qualifiers: NC,MSB						
	7460	227	11800	mg/kg			SW846 6010B	10/18/07	J85721CL
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.12	56.8	28.4 N	mg/kg	50		SW846 6020	10/18-10/22/07	J85721D6
	0.12	56.8	28.3 N	mg/kg	50	0.42	SW846 6020	10/18-10/22/07	J85721D7
			Dilution Factor: 10						
Arsenic									
	1.5	11.4	14.5	mg/kg	115		SW846 6020	10/18-10/22/07	J85721AC
	1.5	11.4	13.9	mg/kg	109	4.3	SW846 6020	10/18-10/22/07	J85721AD
			Dilution Factor: 1						
Barium									
	38.0	227	245	mg/kg	91		SW846 6010B	10/18/07	J85721CN
	38.0	227	251	mg/kg	94	2.6	SW846 6010B	10/18/07	J85721CP
			Dilution Factor: 1						
Beryllium									
	0.44	5.7	5.4	mg/kg	88		SW846 6010B	10/18/07	J85721CR
	0.44	5.7	5.5	mg/kg	90	1.7	SW846 6010B	10/18/07	J85721CT
			Dilution Factor: 1						
Cadmium									
	0.25	5.7	4.8	mg/kg	80		SW846 6010B	10/18/07	J85721CV
	0.25	5.7	4.9	mg/kg	81	1.7	SW846 6010B	10/18/07	J85721CW
			Dilution Factor: 1						
Calcium									
	45600	5680	18500	mg/kg			SW846 6010B	10/18/07	J85721C0
			Qualifiers: NC,MSB						
	45600	5680	16600	mg/kg			SW846 6010B	10/18/07	J85721C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Chromium									
	13.1	22.7	35.9	mg/kg	101		SW846 6010B	10/18/07	J85721D0
	13.1	22.7	36.9	mg/kg	105	2.6	SW846 6010B	10/18/07	J85721D1
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	7.0	56.8	54.0	mg/kg	83		SW846 6010B	10/18/07	J85721C3
	7.0	56.8	55.0	mg/kg	85	1.7	SW846 6010B	10/18/07	J85721C4
			Dilution Factor: 1						
Copper									
	14.7	28.4	38.1	mg/kg	83		SW846 6010B	10/18/07	J85721C6
	14.7	28.4	39.3	mg/kg	87	3.0	SW846 6010B	10/18/07	J85721C7
			Dilution Factor: 1						
Iron									
	14500	114	15500	mg/kg			SW846 6010B	10/18/07	J85721C9
			Qualifiers: NC,MSB						
	14500	114	16200	mg/kg			SW846 6010B	10/18/07	J85721DA
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	6.6	56.8	52.9	mg/kg	82		SW846 6010B	10/18/07	J85721D3
	6.6	56.8	53.7	mg/kg	83	1.4	SW846 6010B	10/18/07	J85721D4
			Dilution Factor: 1						
Magnesium									
	11700	5680	9900 N	mg/kg	0.0		SW846 6010B	10/18/07	J85721DD
	11700	5680	9350 N	mg/kg	0.0	0.0	SW846 6010B	10/18/07	J85721DE
			Dilution Factor: 1						
Manganese									
	344	56.8	351	mg/kg			SW846 6010B	10/18/07	J85721DG
			Qualifiers: NC,MSB						
	344	56.8	378	mg/kg			SW846 6010B	10/18/07	J85721DH
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.023	0.19	0.21	mg/kg	100		SW846 7471A	10/18/07	J85721CG
	0.023	0.19	0.22	mg/kg	107	5.5	SW846 7471A	10/18/07	J85721CH
			Dilution Factor: 1						
Nickel									
	16.6	56.8	63.9	mg/kg	83		SW846 6010B	10/18/07	J85721DK
	16.6	56.8	65.5	mg/kg	86	2.4	SW846 6010B	10/18/07	J85721DL
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	1080	5680	5900	mg/kg	85		SW846 6010B	10/18/07	J85721DN
	1080	5680	6050	mg/kg	88	2.5	SW846 6010B	10/18/07	J85721DP
			Dilution Factor: 1						
Selenium									
	ND	11.4	9.3	mg/kg	81		SW846 6020	10/18-10/22/07	J85721AF
	ND	11.4	9.6	mg/kg	85	3.7	SW846 6020	10/18-10/22/07	J85721AG
			Dilution Factor: 1						
Silver									
	0.073	5.7	5.8	mg/kg	101		SW846 6020	10/18-10/22/07	J85721AJ
	0.073	5.7	5.9	mg/kg	102	0.59	SW846 6020	10/18-10/22/07	J85721AK
			Dilution Factor: 10						
Sodium									
	231	5680	4890	mg/kg	82		SW846 6010B	10/18/07	J85721DR
	231	5680	4900	mg/kg	82	0.20	SW846 6010B	10/18/07	J85721DT
			Dilution Factor: 1						
Thallium									
	0.062	11.4	8.6	mg/kg	75		SW846 6020	10/18-10/22/07	J85721AM
	0.062	11.4	9.5	mg/kg	83	10	SW846 6020	10/18-10/22/07	J85721AN
			Dilution Factor: 1						
Vanadium									
	19.7	56.8	71.6	mg/kg	91		SW846 6010B	10/18/07	J85721DV
	19.7	56.8	73.7	mg/kg	95	2.9	SW846 6010B	10/18/07	J85721DW
			Dilution Factor: 1						
Zinc									
	9.9	11.4	51.0 N	mg/kg	362		SW846 6020	10/18-10/22/07	J85721AQ
	9.9	11.4	47.2 N	mg/kg	329	7.6	SW846 6020	10/18-10/22/07	J85721AR
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J170210-002 **Prep Batch #...:** 7291028							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/18/07	J85721CK
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/18/07	J85721CL
		Dilution Factor: 1					
Antimony	50 N	(75 - 125)			SW846 6020	10/18-10/22/07	J85721D6
	50 N	(75 - 125)	0.42	(0-20)	SW846 6020	10/18-10/22/07	J85721D7
		Dilution Factor: 10					
Arsenic	115	(23 - 131)			SW846 6020	10/18-10/22/07	J85721AC
	109	(23 - 131)	4.3	(0-20)	SW846 6020	10/18-10/22/07	J85721AD
		Dilution Factor: 1					
Barium	91	(75 - 125)			SW846 6010B	10/18/07	J85721CN
	94	(75 - 125)	2.6	(0-20)	SW846 6010B	10/18/07	J85721CP
		Dilution Factor: 1					
Beryllium	88	(75 - 125)			SW846 6010B	10/18/07	J85721CR
	90	(75 - 125)	1.7	(0-20)	SW846 6010B	10/18/07	J85721CT
		Dilution Factor: 1					
Cadmium	80	(75 - 125)			SW846 6010B	10/18/07	J85721CV
	81	(75 - 125)	1.7	(0-20)	SW846 6010B	10/18/07	J85721CW
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/18/07	J85721C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/18/07	J85721C1
		Dilution Factor: 1					
Chromium	101	(75 - 125)			SW846 6010B	10/18/07	J85721D0
	105	(75 - 125)	2.6	(0-20)	SW846 6010B	10/18/07	J85721D1
		Dilution Factor: 1					
Cobalt	83	(75 - 125)			SW846 6010B	10/18/07	J85721C3
	85	(75 - 125)	1.7	(0-20)	SW846 6010B	10/18/07	J85721C4
		Dilution Factor: 1					
Copper	83	(75 - 125)			SW846 6010B	10/18/07	J85721C6
	87	(75 - 125)	3.0	(0-20)	SW846 6010B	10/18/07	J85721C7
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/18/07	J85721C9
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/18/07	J85721DA
		Dilution Factor: 1					
Lead	82	(75 - 125)			SW846 6010B	10/18/07	J85721D3
	83	(75 - 125)	1.4	(0-20)	SW846 6010B	10/18/07	J85721D4
		Dilution Factor: 1					
Magnesium	0.0 N	(75 - 125)			SW846 6010B	10/18/07	J85721DD
	0.0 N	(75 - 125)	0.0	(0-20)	SW846 6010B	10/18/07	J85721DE
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/18/07	J85721DG
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/18/07	J85721DH
		Dilution Factor: 1					
Mercury	100	(11 - 192)			SW846 7471A	10/18/07	J85721CG
	107	(11 - 192)	5.5	(0-20)	SW846 7471A	10/18/07	J85721CH
		Dilution Factor: 1					
Nickel	83	(75 - 125)			SW846 6010B	10/18/07	J85721DK
	86	(75 - 125)	2.4	(0-20)	SW846 6010B	10/18/07	J85721DL
		Dilution Factor: 1					
Potassium	85	(75 - 125)			SW846 6010B	10/18/07	J85721DN
	88	(75 - 125)	2.5	(0-20)	SW846 6010B	10/18/07	J85721DP
		Dilution Factor: 1					
Selenium	81	(39 - 116)			SW846 6020	10/18-10/22/07	J85721AF
	85	(39 - 116)	3.7	(0-20)	SW846 6020	10/18-10/22/07	J85721AG
		Dilution Factor: 1					
Silver	101	(75 - 125)			SW846 6020	10/18-10/22/07	J85721AJ
	102	(75 - 125)	0.59	(0-20)	SW846 6020	10/18-10/22/07	J85721AK
		Dilution Factor: 10					
Sodium	82	(75 - 125)			SW846 6010B	10/18/07	J85721DR
	82	(75 - 125)	0.20	(0-20)	SW846 6010B	10/18/07	J85721DT
		Dilution Factor: 1					
Thallium	75	(62 - 110)			SW846 6020	10/18-10/22/07	J85721AM
	83	(62 - 110)	10	(0-20)	SW846 6020	10/18-10/22/07	J85721AN
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	91	(75 - 125)			SW846 6010B	10/18/07	J85721DV
	95	(75 - 125)	2.9	(0-20)	SW846 6010B	10/18/07	J85721DW
		Dilution Factor: 1					
Zinc	362 N	(10 - 199)			SW846 6020	10/18-10/22/07	J85721AQ
	329 N	(10 - 199)	7.6	(0-20)	SW846 6020	10/18-10/22/07	J85721AR
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J9J0N1AA		MB Lot-Sample #:	A7J220000-252	
	ND	0.20	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1				
Cyanide, Total		Work Order #: J9P151AA		MB Lot-Sample #:	A7J240000-425	
	ND	0.20	mg/kg	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: J9CCJ1AA		MB Lot-Sample #:	A7J180000-634	
	ND	0.80	mg/kg	SW846 7196A	10/18/07	7291634
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: J9NG71AA		MB Lot-Sample #:	A7J220000-354	
	0.22 B	**0.80**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1				
Percent Solids		Work Order #: J9AXD1AA		MB Lot-Sample #:	A7J180000-597	
	ND	10.0	%	MCAWW 160.3 MOD	10/18-10/19/07	7291597
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: J9J0N1AC		LCS Lot-Sample#: A7J220000-252		
	18.5	16.0	mg/kg	87	SW846 9012A	10/22/07	7295252
			Dilution Factor: 1				
Cyanide, Total			Work Order #: J9P151AC		LCS Lot-Sample#: A7J240000-425		
	2.0	1.8	mg/kg	88	SW846 9012A	10/24/07	7297425
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: J9CCJ1AC		LCS Lot-Sample#: A7J180000-634		
	644	758	mg/kg	118	SW846 7196A	10/18/07	7291634
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: J9NG71AC		LCS Lot-Sample#: A7J220000-354		
	644	590	mg/kg	92	SW846 7196A	10/22-10/23/07	7295354
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J9J0N1AC	LCS Lot-Sample#: A7J220000-252		
	87	(68 - 123)	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1			
Cyanide, Total		Work Order #: J9P151AC	LCS Lot-Sample#: A7J240000-425		
	88	(68 - 123)	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: J9CCJ1AC	LCS Lot-Sample#: A7J180000-634		
	118	(10 - 200)	SW846 7196A	10/18/07	7291634
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: J9NG71AC	LCS Lot-Sample#: A7J220000-354		
	92	(10 - 200)	SW846 7196A	10/22-10/23/07	7295354
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: J85721A5-MS/J85721A6-MSD				MS Lot-Sample #: A7J170210-002		
	ND	2.3	2.2	mg/kg	94		SW846 9012A	10/22/07	7295252
	ND	2.3	2.1	mg/kg	90	4.4	SW846 9012A	10/22/07	7295252
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SO
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: J85721A5-MS/J85721A6-MSD				MS Lot-Sample #: A7J170210-002	
	94	(50 - 134)			SW846 9012A	10/22/07	7295252
	90	(50 - 134)	4.4	(0-20)	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SOLID
Date Sampled...: 10/17/07 12:30 **Date Received..:** 10/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 0.53		
Cyanide, Total			WO#: J9K431AR-MS/J9K431AT-MSD				MS Lot-Sample #: A7J230104-003		
	0.12	2.0	1.8	mg/kg	85		SW846 9012A	10/24/07	7297425
	0.12	2.0	1.8	mg/kg	86	0.84	SW846 9012A	10/24/07	7297425
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J170210 **Matrix.....:** SOLID
Date Sampled...: 10/17/07 12:30 **Date Received..:** 10/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 0.53	
Cyanide, Total			WO#: J9K431AR-MS/J9K431AT-MSD			MS Lot-Sample #: A7J230104-003	
	85	(50 - 134)			SW846 9012A	10/24/07	7297425
	86	(50 - 134)	0.84	(0-20)	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1					

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J170210 **Work Order #...:** J8572-SMP **Matrix.....:** SO
J8572-DUP
Date Sampled...: 10/16/07 08:20 **Date Received..:** 10/17/07
% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J170210-002		
	88.1	86.3	%	2.0	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291597

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J180159

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 26, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J180159

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-067 10/17/07 09:50 001				
Trivalent Chromium	10.8	0.42	mg/kg	SW846 7196A
Silver	0.054 B	0.085	mg/kg	SW846 6020
Arsenic	2.6	0.085	mg/kg	SW846 6020
Antimony	0.087 B,J	0.17	mg/kg	SW846 6020
Selenium	0.14 B	0.18	mg/kg	SW846 6020
Thallium	0.037 B	0.085	mg/kg	SW846 6020
Zinc	16.9 J	0.85	mg/kg	SW846 6020
Aluminum	3890	16.9	mg/kg	SW846 6010B
Barium	33.8	0.85	mg/kg	SW846 6010B
Calcium	81400	2120	mg/kg	SW846 6010B
Cobalt	2.9	0.42	mg/kg	SW846 6010B
Chromium	11.2	0.42	mg/kg	SW846 6010B
Copper	8.3	0.85	mg/kg	SW846 6010B
Iron	8380	8.5	mg/kg	SW846 6010B
Potassium	433	423	mg/kg	SW846 6010B
Magnesium	15800	84.6	mg/kg	SW846 6010B
Manganese	317 J	0.85	mg/kg	SW846 6010B
Sodium	385	84.6	mg/kg	SW846 6010B
Nickel	9.0	0.85	mg/kg	SW846 6010B
Lead	8.5	0.25	mg/kg	SW846 6010B
Vanadium	13.7	0.85	mg/kg	SW846 6010B
Acenaphthene	51	7.1	ug/kg	SW846 8270C
Acenaphthylene	26	7.1	ug/kg	SW846 8270C
Anthracene	140	7.1	ug/kg	SW846 8270C
Benzo(a)anthracene	400	7.1	ug/kg	SW846 8270C
Benzo(a)pyrene	360	7.1	ug/kg	SW846 8270C
Benzo(b)fluoranthene	320	7.1	ug/kg	SW846 8270C
Benzo(ghi)perylene	190	7.1	ug/kg	SW846 8270C
Benzo(k)fluoranthene	340	7.1	ug/kg	SW846 8270C
Carbazole	58	53	ug/kg	SW846 8270C
Chrysene	400	7.1	ug/kg	SW846 8270C
Dibenzofuran	42 J	53	ug/kg	SW846 8270C
Fluoranthene	1000	7.1	ug/kg	SW846 8270C
Fluorene	62	7.1	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	180	7.1	ug/kg	SW846 8270C
2-Methylnaphthalene	31	7.1	ug/kg	SW846 8270C
Naphthalene	26	7.1	ug/kg	SW846 8270C
Phenanthrene	510	7.1	ug/kg	SW846 8270C
Pyrene	800	7.1	ug/kg	SW846 8270C
Acetone	5.8 J	15	ug/kg	SW846 8260B
2-Butanone	1.3 J	15	ug/kg	SW846 8260B
Hexavalent Chromium	0.47 B,J	0.85	mg/kg	SW846 7196A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J180159

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-067 10/17/07 09:50 001				
Cyanide, Total	0.13 B	0.21	mg/kg	SW846 9012A
Percent Solids	94.5	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-069 10/17/07 10:50 002				
Trivalent Chromium	5.1	0.44	mg/kg	SW846 7196A
Silver	0.046 B	0.089	mg/kg	SW846 6020
Arsenic	4.1	0.089	mg/kg	SW846 6020
Antimony	0.13 B,J	0.18	mg/kg	SW846 6020
Selenium	0.32	0.19	mg/kg	SW846 6020
Thallium	0.046 B	0.089	mg/kg	SW846 6020
Zinc	23.1 J	0.89	mg/kg	SW846 6020
Mercury	0.019 B	0.044	mg/kg	SW846 7471A
Aluminum	4020	17.7	mg/kg	SW846 6010B
Barium	34.7	0.89	mg/kg	SW846 6010B
Beryllium	0.12 B	0.18	mg/kg	SW846 6010B
Calcium	6820	444	mg/kg	SW846 6010B
Cobalt	3.2	0.44	mg/kg	SW846 6010B
Chromium	6.9	0.44	mg/kg	SW846 6010B
Copper	13.6	0.89	mg/kg	SW846 6010B
Iron	11200	8.9	mg/kg	SW846 6010B
Potassium	443 B	444	mg/kg	SW846 6010B
Magnesium	2090	88.7	mg/kg	SW846 6010B
Manganese	119 J	0.89	mg/kg	SW846 6010B
Sodium	292	88.7	mg/kg	SW846 6010B
Nickel	7.4	0.89	mg/kg	SW846 6010B
Lead	18.4	0.27	mg/kg	SW846 6010B
Vanadium	10.0	0.89	mg/kg	SW846 6010B
Pyrene	190	150	ug/kg	SW846 8270C
Acetone	43	15	ug/kg	SW846 8260B
Benzene	0.23 J	3.8	ug/kg	SW846 8260B
2-Butanone	8.8 J	15	ug/kg	SW846 8260B
Carbon disulfide	1.0 J	3.8	ug/kg	SW846 8260B
Ethylbenzene	0.26 J	3.8	ug/kg	SW846 8260B
Toluene	0.26 J	3.8	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	2.5 J	3.8	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	2.2 J	3.8	ug/kg	SW846 8260B
Xylenes (total)	3.1 J	7.5	ug/kg	SW846 8260B
Hexavalent Chromium	1.9 J	0.89	mg/kg	SW846 7196A
Cyanide, Total	0.13 B	0.22	mg/kg	SW846 9012A
Percent Solids	90.2	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J180159

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-073 10/17/07 11:25 003				
Aroclor 1254	26 J	38	ug/kg	SW846 8082
Trivalent Chromium	13.8	0.46	mg/kg	SW846 7196A
Silver	0.10	0.093	mg/kg	SW846 6020
Arsenic	4.5	0.093	mg/kg	SW846 6020
Antimony	0.22 J	0.19	mg/kg	SW846 6020
Thallium	0.18	0.093	mg/kg	SW846 6020
Zinc	65.5 J	0.93	mg/kg	SW846 6020
Mercury	0.036 B	0.046	mg/kg	SW846 7471A
Aluminum	8170	18.6	mg/kg	SW846 6010B
Barium	77.0	0.93	mg/kg	SW846 6010B
Beryllium	0.13 B	0.19	mg/kg	SW846 6010B
Calcium	56800	464	mg/kg	SW846 6010B
Cadmium	0.084 B	0.093	mg/kg	SW846 6010B
Cobalt	6.4	0.46	mg/kg	SW846 6010B
Chromium	13.8	0.46	mg/kg	SW846 6010B
Copper	22.9	0.93	mg/kg	SW846 6010B
Iron	15000	9.3	mg/kg	SW846 6010B
Potassium	1490	464	mg/kg	SW846 6010B
Magnesium	8400	92.9	mg/kg	SW846 6010B
Manganese	335 J	0.93	mg/kg	SW846 6010B
Sodium	1060	92.9	mg/kg	SW846 6010B
Nickel	17.4	0.93	mg/kg	SW846 6010B
Lead	25.4	0.28	mg/kg	SW846 6010B
Vanadium	19.4	0.93	mg/kg	SW846 6010B
Benzo(a)anthracene	30	7.7	ug/kg	SW846 8270C
Benzo(a)pyrene	27	7.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	36	7.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	21	7.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	15	7.7	ug/kg	SW846 8270C
Chrysene	30	7.7	ug/kg	SW846 8270C
Fluoranthene	62	7.7	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	16	7.7	ug/kg	SW846 8270C
Phenanthrene	30	7.7	ug/kg	SW846 8270C
Pyrene	55	7.7	ug/kg	SW846 8270C
Percent Solids	86.1	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-072 10/17/07 12:45 005				
Aroclor 1254	23 J	36	ug/kg	SW846 8082
Trivalent Chromium	6.3	0.44	mg/kg	SW846 7196A
Silver	0.034 B	0.088	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-072 10/17/07 12:45 005				
Arsenic	3.0	0.088	mg/kg	SW846 6020
Antimony	0.17 B,J	0.18	mg/kg	SW846 6020
Thallium	0.068 B	0.088	mg/kg	SW846 6020
Zinc	30.9 J	0.88	mg/kg	SW846 6020
Aluminum	3170	17.6	mg/kg	SW846 6010B
Barium	24.5	0.88	mg/kg	SW846 6010B
Beryllium	0.049 B	0.18	mg/kg	SW846 6010B
Calcium	35800	440	mg/kg	SW846 6010B
Cadmium	0.10	0.088	mg/kg	SW846 6010B
Cobalt	2.9	0.44	mg/kg	SW846 6010B
Chromium	6.8	0.44	mg/kg	SW846 6010B
Copper	12.6	0.88	mg/kg	SW846 6010B
Iron	8960	8.8	mg/kg	SW846 6010B
Potassium	519	440	mg/kg	SW846 6010B
Magnesium	12100	87.9	mg/kg	SW846 6010B
Manganese	348 J	0.88	mg/kg	SW846 6010B
Sodium	194	87.9	mg/kg	SW846 6010B
Nickel	11.9	0.88	mg/kg	SW846 6010B
Lead	10.8	0.26	mg/kg	SW846 6010B
Vanadium	10	0.88	mg/kg	SW846 6010B
Anthracene	21	7.3	ug/kg	SW846 8270C
Benzo(a)anthracene	73	7.3	ug/kg	SW846 8270C
Benzo(a)pyrene	64	7.3	ug/kg	SW846 8270C
Benzo(b)fluoranthene	80	7.3	ug/kg	SW846 8270C
Benzo(ghi)perylene	39	7.3	ug/kg	SW846 8270C
Benzo(k)fluoranthene	35	7.3	ug/kg	SW846 8270C
Chrysene	74	7.3	ug/kg	SW846 8270C
Fluoranthene	160	7.3	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	33	7.3	ug/kg	SW846 8270C
Phenanthrene	80	7.3	ug/kg	SW846 8270C
Pyrene	130	7.3	ug/kg	SW846 8270C
Hexavalent Chromium	0.54 B,J	0.88	mg/kg	SW846 7196A
Percent Solids	91.0	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-077 10/17/07 13:30 006				
Trivalent Chromium	102	0.43	mg/kg	SW846 7196A
Silver	0.18	0.086	mg/kg	SW846 6020
Arsenic	4.5	0.086	mg/kg	SW846 6020
Antimony	0.63 J	0.17	mg/kg	SW846 6020
Selenium	0.24	0.18	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-077 10/17/07 13:30 006				
Thallium	0.036 B	0.086	mg/kg	SW846 6020
Zinc	84.0 J	0.86	mg/kg	SW846 6020
Mercury	0.35	0.043	mg/kg	SW846 7471A
Aluminum	10800	17.3	mg/kg	SW846 6010B
Barium	139	0.86	mg/kg	SW846 6010B
Calcium	32700	432	mg/kg	SW846 6010B
Cadmium	0.11	0.086	mg/kg	SW846 6010B
Cobalt	65.4	0.43	mg/kg	SW846 6010B
Chromium	103	0.43	mg/kg	SW846 6010B
Copper	65.6	0.86	mg/kg	SW846 6010B
Iron	31100	8.6	mg/kg	SW846 6010B
Potassium	1290	432	mg/kg	SW846 6010B
Magnesium	3660	86.4	mg/kg	SW846 6010B
Manganese	2270 J	0.86	mg/kg	SW846 6010B
Sodium	852	86.4	mg/kg	SW846 6010B
Nickel	48.4	0.86	mg/kg	SW846 6010B
Lead	54.6	0.26	mg/kg	SW846 6010B
Vanadium	28.5	0.86	mg/kg	SW846 6010B
Benzo(a)anthracene	180	29	ug/kg	SW846 8270C
Benzo(a)pyrene	180	29	ug/kg	SW846 8270C
Benzo(b)fluoranthene	260	29	ug/kg	SW846 8270C
Benzo(ghi)perylene	110	29	ug/kg	SW846 8270C
Benzo(k)fluoranthene	140	29	ug/kg	SW846 8270C
Chrysene	240	29	ug/kg	SW846 8270C
Fluoranthene	230	29	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	110	29	ug/kg	SW846 8270C
2-Methylnaphthalene	140	29	ug/kg	SW846 8270C
Naphthalene	60	29	ug/kg	SW846 8270C
Phenanthrene	100	29	ug/kg	SW846 8270C
Pyrene	210	29	ug/kg	SW846 8270C
Cyclohexane	0.26 J	7.7	ug/kg	SW846 8260B
Hexavalent Chromium	1.5 J	0.86	mg/kg	SW846 7196A
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-080 10/17/07 14:45 007				
Trivalent Chromium	16.3	0.45	mg/kg	SW846 7196A
Silver	0.069 B	0.090	mg/kg	SW846 6020
Arsenic	4.6	0.090	mg/kg	SW846 6020
Antimony	0.14 B,J	0.18	mg/kg	SW846 6020
Selenium	0.11 B	0.19	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J180159

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-080 10/17/07 14:45 007				
Thallium	0.12	0.090	mg/kg	SW846 6020
Zinc	35.1 J	0.90	mg/kg	SW846 6020
Mercury	0.020 B	0.045	mg/kg	SW846 7471A
Aluminum	9940	18.0	mg/kg	SW846 6010B
Barium	59.5	0.90	mg/kg	SW846 6010B
Beryllium	0.14 B	0.18	mg/kg	SW846 6010B
Calcium	12000	449	mg/kg	SW846 6010B
Cobalt	9.3	0.45	mg/kg	SW846 6010B
Chromium	17.8	0.45	mg/kg	SW846 6010B
Copper	15.1	0.90	mg/kg	SW846 6010B
Iron	19500	9.0	mg/kg	SW846 6010B
Potassium	1250	449	mg/kg	SW846 6010B
Magnesium	5520	89.8	mg/kg	SW846 6010B
Manganese	484 J	0.90	mg/kg	SW846 6010B
Sodium	1380	89.8	mg/kg	SW846 6010B
Nickel	19.8	0.90	mg/kg	SW846 6010B
Lead	8.9	0.27	mg/kg	SW846 6010B
Vanadium	25.0	0.90	mg/kg	SW846 6010B
Acetone	32	16	ug/kg	SW846 8260B
2-Butanone	7.8 J	16	ug/kg	SW846 8260B
Hexavalent Chromium	1.4 J	0.90	mg/kg	SW846 7196A
Percent Solids	89.0	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-082 10/17/07 15:40 008				
Trivalent Chromium	11.7	0.43	mg/kg	SW846 7196A
Silver	0.038 B	0.086	mg/kg	SW846 6020
Arsenic	4.4	0.086	mg/kg	SW846 6020
Antimony	0.11 B,J	0.17	mg/kg	SW846 6020
Selenium	0.18	0.18	mg/kg	SW846 6020
Thallium	0.21	0.086	mg/kg	SW846 6020
Zinc	27.7 J	0.86	mg/kg	SW846 6020
Aluminum	1880	17.3	mg/kg	SW846 6010B
Barium	14.7	0.86	mg/kg	SW846 6010B
Calcium	102000	2160	mg/kg	SW846 6010B
Cadmium	0.18	0.086	mg/kg	SW846 6010B
Cobalt	3.8	0.43	mg/kg	SW846 6010B
Chromium	13.4	0.43	mg/kg	SW846 6010B
Copper	8.8	0.86	mg/kg	SW846 6010B
Iron	8830	8.6	mg/kg	SW846 6010B
Potassium	468	432	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-082 10/17/07 15:40 008				
Magnesium	39700	86.4	mg/kg	SW846 6010B
Manganese	541 J	0.86	mg/kg	SW846 6010B
Sodium	416	86.4	mg/kg	SW846 6010B
Nickel	10.4	0.86	mg/kg	SW846 6010B
Lead	4.9	0.26	mg/kg	SW846 6010B
Vanadium	16.0	0.86	mg/kg	SW846 6010B
Fluoranthene	9.8	7.2	ug/kg	SW846 8270C
Phenanthrene	11	7.2	ug/kg	SW846 8270C
Pyrene	9.8	7.2	ug/kg	SW846 8270C
Hexavalent Chromium	1.8 J	0.86	mg/kg	SW846 7196A
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-083 10/17/07 16:15 009				
Trivalent Chromium	7.8	0.46	mg/kg	SW846 7196A
Silver	0.086 B	0.092	mg/kg	SW846 6020
Arsenic	4.4	0.092	mg/kg	SW846 6020
Antimony	0.11 B,J	0.18	mg/kg	SW846 6020
Selenium	0.12 B	0.20	mg/kg	SW846 6020
Thallium	0.14	0.092	mg/kg	SW846 6020
Zinc	44.1 J	0.92	mg/kg	SW846 6020
Aluminum	4050	18.4	mg/kg	SW846 6010B
Barium	34.9	0.92	mg/kg	SW846 6010B
Beryllium	0.11 B	0.18	mg/kg	SW846 6010B
Calcium	56000	461	mg/kg	SW846 6010B
Cadmium	0.062 B	0.092	mg/kg	SW846 6010B
Cobalt	6.1	0.46	mg/kg	SW846 6010B
Chromium	8.5	0.46	mg/kg	SW846 6010B
Copper	27.5	0.92	mg/kg	SW846 6010B
Iron	12300	9.2	mg/kg	SW846 6010B
Potassium	1000	461	mg/kg	SW846 6010B
Magnesium	10800	92.2	mg/kg	SW846 6010B
Manganese	339 J	0.92	mg/kg	SW846 6010B
Sodium	129	92.2	mg/kg	SW846 6010B
Nickel	13.0	0.92	mg/kg	SW846 6010B
Lead	14.3	0.28	mg/kg	SW846 6010B
Vanadium	12.4	0.92	mg/kg	SW846 6010B
Acetone	29	16	ug/kg	SW846 8260B
Benzene	0.43 J	4.1	ug/kg	SW846 8260B
2-Butanone	6.5 J	16	ug/kg	SW846 8260B
Carbon disulfide	0.57 J	4.1	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

A7J180159

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-083 10/17/07 16:15 009				
Cyclohexane	0.52 J	8.2	ug/kg	SW846 8260B
Ethylbenzene	0.25 J	4.1	ug/kg	SW846 8260B
Methylcyclohexane	0.30 J	8.2	ug/kg	SW846 8260B
Toluene	1.0 J	4.1	ug/kg	SW846 8260B
Xylenes (total)	1.4 J	8.2	ug/kg	SW846 8260B
Hexavalent Chromium	0.76 B,J	0.92	mg/kg	SW846 7196A
Percent Solids	86.8	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-070 10/17/07 11:00 012				
Trivalent Chromium	5.9	0.44	mg/kg	SW846 7196A
Silver	0.057 B	0.089	mg/kg	SW846 6020
Arsenic	3.0	0.089	mg/kg	SW846 6020
Antimony	0.16 B,J	0.18	mg/kg	SW846 6020
Selenium	0.30	0.19	mg/kg	SW846 6020
Thallium	0.038 B	0.089	mg/kg	SW846 6020
Zinc	33.0 J	0.89	mg/kg	SW846 6020
Mercury	0.037 B	0.044	mg/kg	SW846 7471A
Aluminum	4690	17.8	mg/kg	SW846 6010B
Barium	44.1	0.89	mg/kg	SW846 6010B
Beryllium	0.11 B	0.18	mg/kg	SW846 6010B
Calcium	8530	445	mg/kg	SW846 6010B
Cobalt	3.5	0.44	mg/kg	SW846 6010B
Chromium	7.8	0.44	mg/kg	SW846 6010B
Copper	12.7	0.89	mg/kg	SW846 6010B
Iron	13400	8.9	mg/kg	SW846 6010B
Potassium	512	445	mg/kg	SW846 6010B
Magnesium	2370	88.9	mg/kg	SW846 6010B
Manganese	143 J	0.89	mg/kg	SW846 6010B
Sodium	365	88.9	mg/kg	SW846 6010B
Nickel	7.8	0.89	mg/kg	SW846 6010B
Lead	38.9	0.27	mg/kg	SW846 6010B
Vanadium	11.1	0.89	mg/kg	SW846 6010B
Anthracene	350	150	ug/kg	SW846 8270C
Benzo(a)anthracene	850	150	ug/kg	SW846 8270C
Chrysene	950	150	ug/kg	SW846 8270C
Fluoranthene	1800	150	ug/kg	SW846 8270C
Phenanthrene	1500	150	ug/kg	SW846 8270C
Pyrene	1700	150	ug/kg	SW846 8270C
Acetone	14 J	19	ug/kg	SW846 8260B
Benzene	0.24 J	4.7	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

A7J180159

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-070 10/17/07 11:00 012				
2-Butanone	3.9 J	19	ug/kg	SW846 8260B
Toluene	0.56 J	4.7	ug/kg	SW846 8260B
Xylenes (total)	0.87 J	9.4	ug/kg	SW846 8260B
Hexavalent Chromium	1.9 J	0.89	mg/kg	SW846 7196A
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7J180159

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7J180159

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J886A	001	SO-17322-101707-CB-067	10/17/07	09:50
J886F	002	SO-17322-101707-CB-069	10/17/07	10:50
J886G	003	SO-17322-101707-CB-073	10/17/07	11:25
J886J	005	SO-17322-101707-CB-072	10/17/07	12:45
J886K	006	SO-17322-101707-CB-077	10/17/07	13:30
J886L	007	SO-17322-101707-CB-080	10/17/07	14:45
J886M	008	SO-17322-101707-CB-082	10/17/07	15:40
J886N	009	SO-17322-101707-CB-083	10/17/07	16:15
J886R	011	TB-17322-101707-CB-002	10/17/07	
J886T	012	SO-17322-101707-CB-070	10/17/07	11:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

GC/MS Volatiles

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A1AC **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.71
% Moisture.....: 5.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**5.8 J**	**15**	**ug/kg**	**4.7**
Benzene	ND	3.8	ug/kg	0.17
Bromodichloromethane	ND	3.8	ug/kg	0.21
Bromoform	ND	3.8	ug/kg	0.25
Bromomethane	ND	3.8	ug/kg	0.41
2-Butanone	**1.3 J**	**15**	**ug/kg**	**1.1**
Carbon disulfide	ND	3.8	ug/kg	0.33
Carbon tetrachloride	ND	3.8	ug/kg	0.28
Chlorobenzene	ND	3.8	ug/kg	0.25
Dibromochloromethane	ND	3.8	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.5	ug/kg	0.98
Chloroethane	ND	3.8	ug/kg	0.65
Chloroform	ND	3.8	ug/kg	0.22
Chloromethane	ND	3.8	ug/kg	0.31
Cyclohexane	ND	7.5	ug/kg	0.25
1,2-Dibromoethane	ND	3.8	ug/kg	0.38
1,2-Dichlorobenzene	ND	3.8	ug/kg	0.27
1,3-Dichlorobenzene	ND	3.8	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.8	ug/kg	0.50
Dichlorodifluoromethane	ND	3.8	ug/kg	0.38
1,1-Dichloroethane	ND	3.8	ug/kg	0.27
1,2-Dichloroethane	ND	3.8	ug/kg	0.26
1,1-Dichloroethene	ND	3.8	ug/kg	0.39
cis-1,2-Dichloroethene	ND	3.8	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.8	ug/kg	0.31
1,2-Dichloropropane	ND	3.8	ug/kg	0.52
cis-1,3-Dichloropropene	ND	3.8	ug/kg	0.26
trans-1,3-Dichloropropene	ND	3.8	ug/kg	0.41
Ethylbenzene	ND	3.8	ug/kg	0.20
Trichlorofluoromethane	ND	3.8	ug/kg	0.26
2-Hexanone	ND	15	ug/kg	0.47
Isopropylbenzene	ND	3.8	ug/kg	0.12
Methyl acetate	ND	7.5	ug/kg	1.1
Methylcyclohexane	ND	7.5	ug/kg	0.23
Methylene chloride	ND	3.8	ug/kg	0.50
4-Methyl-2-pentanone	ND	15	ug/kg	0.41
Styrene	ND	3.8	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

GC/MS Volatiles

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.8	ug/kg	0.26
Tetrachloroethene	ND	3.8	ug/kg	0.39
Toluene	ND	3.8	ug/kg	0.20
1,2,4-Trichloro-benzene	ND	3.8	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.8	ug/kg	0.42
1,1,2-Trichloroethane	ND	3.8	ug/kg	0.29
Trichloroethene	ND	3.8	ug/kg	0.32
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.8	ug/kg	0.98
1,2,4-Trimethylbenzene	ND	3.8	ug/kg	0.49
1,3,5-Trimethylbenzene	ND	3.8	ug/kg	0.19
Vinyl chloride	ND	3.8	ug/kg	0.29
Xylenes (total)	ND	7.5	ug/kg	0.50
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	103	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

GC/MS Volatiles

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 10:50 **Date Received..:** 10/18/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 0.68
% Moisture.....: 9.8 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**43**	**15**	**ug/kg**	**4.8**
Benzene	**0.23 J**	**3.8**	**ug/kg**	**0.17**
Bromodichloromethane	ND	3.8	ug/kg	0.21
Bromoform	ND	3.8	ug/kg	0.25
Bromomethane	ND	3.8	ug/kg	0.41
2-Butanone	**8.8 J**	**15**	**ug/kg**	**1.1**
Carbon disulfide	**1.0 J**	**3.8**	**ug/kg**	**0.33**
Carbon tetrachloride	ND	3.8	ug/kg	0.28
Chlorobenzene	ND	3.8	ug/kg	0.25
Dibromochloromethane	ND	3.8	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.5	ug/kg	0.98
Chloroethane	ND	3.8	ug/kg	0.65
Chloroform	ND	3.8	ug/kg	0.22
Chloromethane	ND	3.8	ug/kg	0.31
Cyclohexane	ND	7.5	ug/kg	0.25
1,2-Dibromoethane	ND	3.8	ug/kg	0.38
1,2-Dichlorobenzene	ND	3.8	ug/kg	0.27
1,3-Dichlorobenzene	ND	3.8	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.8	ug/kg	0.50
Dichlorodifluoromethane	ND	3.8	ug/kg	0.38
1,1-Dichloroethane	ND	3.8	ug/kg	0.27
1,2-Dichloroethane	ND	3.8	ug/kg	0.26
1,1-Dichloroethene	ND	3.8	ug/kg	0.39
cis-1,2-Dichloroethene	ND	3.8	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.8	ug/kg	0.31
1,2-Dichloropropane	ND	3.8	ug/kg	0.52
cis-1,3-Dichloropropene	ND	3.8	ug/kg	0.26
trans-1,3-Dichloropropene	ND	3.8	ug/kg	0.41
Ethylbenzene	**0.26 J**	**3.8**	**ug/kg**	**0.20**
Trichlorofluoromethane	ND	3.8	ug/kg	0.26
2-Hexanone	ND	15	ug/kg	0.48
Isopropylbenzene	ND	3.8	ug/kg	0.12
Methyl acetate	ND	7.5	ug/kg	1.1
Methylcyclohexane	ND	7.5	ug/kg	0.23
Methylene chloride	ND	3.8	ug/kg	0.51
4-Methyl-2-pentanone	ND	15	ug/kg	0.41
Styrene	ND	3.8	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

GC/MS Volatiles

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.8	ug/kg	0.26
Tetrachloroethene	ND	3.8	ug/kg	0.39
Toluene	**0.26 J**	**3.8**	**ug/kg**	**0.20**
1,2,4-Trichloro-benzene	ND	3.8	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.8	ug/kg	0.42
1,1,2-Trichloroethane	ND	3.8	ug/kg	0.29
Trichloroethene	ND	3.8	ug/kg	0.32
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.8	ug/kg	0.98
1,2,4-Trimethylbenzene	**2.5 J**	**3.8**	**ug/kg**	**0.49**
1,3,5-Trimethylbenzene	**2.2 J**	**3.8**	**ug/kg**	**0.19**
Vinyl chloride	ND	3.8	ug/kg	0.29
Xylenes (total)	**3.1 J**	**7.5**	**ug/kg**	**0.51**
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	68	(60 - 143)
4-Bromofluorobenzene	68	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

GC/MS Volatiles

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 11:25 **Date Received..:** 10/18/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.95
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	22	ug/kg	6.9
Benzene	ND	5.5	ug/kg	0.25
Bromodichloromethane	ND	5.5	ug/kg	0.31
Bromoform	ND	5.5	ug/kg	0.36
Bromomethane	ND	5.5	ug/kg	0.60
2-Butanone	ND	22	ug/kg	1.5
Carbon disulfide	ND	5.5	ug/kg	0.49
Carbon tetrachloride	ND	5.5	ug/kg	0.41
Chlorobenzene	ND	5.5	ug/kg	0.36
Dibromochloromethane	ND	5.5	ug/kg	0.61
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
Chloroethane	ND	5.5	ug/kg	0.95
Chloroform	ND	5.5	ug/kg	0.32
Chloromethane	ND	5.5	ug/kg	0.45
Cyclohexane	ND	11	ug/kg	0.36
1,2-Dibromoethane	ND	5.5	ug/kg	0.55
1,2-Dichlorobenzene	ND	5.5	ug/kg	0.40
1,3-Dichlorobenzene	ND	5.5	ug/kg	0.39
1,4-Dichlorobenzene	ND	5.5	ug/kg	0.73
Dichlorodifluoromethane	ND	5.5	ug/kg	0.55
1,1-Dichloroethane	ND	5.5	ug/kg	0.40
1,2-Dichloroethane	ND	5.5	ug/kg	0.37
1,1-Dichloroethene	ND	5.5	ug/kg	0.57
cis-1,2-Dichloroethene	ND	5.5	ug/kg	0.40
trans-1,2-Dichloroethene	ND	5.5	ug/kg	0.45
1,2-Dichloropropane	ND	5.5	ug/kg	0.76
cis-1,3-Dichloropropene	ND	5.5	ug/kg	0.37
trans-1,3-Dichloropropene	ND	5.5	ug/kg	0.60
Ethylbenzene	ND	5.5	ug/kg	0.29
Trichlorofluoromethane	ND	5.5	ug/kg	0.37
2-Hexanone	ND	22	ug/kg	0.69
Isopropylbenzene	ND	5.5	ug/kg	0.18
Methyl acetate	ND	11	ug/kg	1.5
Methylcyclohexane	ND	11	ug/kg	0.34
Methylene chloride	ND	5.5	ug/kg	0.74
4-Methyl-2-pentanone	ND	22	ug/kg	0.60
Styrene	ND	5.5	ug/kg	0.17

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

GC/MS Volatiles

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	0.37
Tetrachloroethene	ND	5.5	ug/kg	0.57
Toluene	ND	5.5	ug/kg	0.30
1,2,4-Trichloro-benzene	ND	5.5	ug/kg	0.30
1,1,1-Trichloroethane	ND	5.5	ug/kg	0.62
1,1,2-Trichloroethane	ND	5.5	ug/kg	0.43
Trichloroethene	ND	5.5	ug/kg	0.46
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.5	ug/kg	1.4
1,2,4-Trimethylbenzene	ND	5.5	ug/kg	0.72
1,3,5-Trimethylbenzene	ND	5.5	ug/kg	0.28
Vinyl chloride	ND	5.5	ug/kg	0.43
Xylenes (total)	ND	11	ug/kg	0.74
Methyl tert-butyl ether	ND	22	ug/kg	0.47

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
Toluene-d8	78	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

GC/MS Volatiles

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 12:45 **Date Received..:** 10/18/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 0.73
% Moisture.....: 9.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.1
Benzene	ND	4.0	ug/kg	0.18
Bromodichloromethane	ND	4.0	ug/kg	0.22
Bromoform	ND	4.0	ug/kg	0.26
Bromomethane	ND	4.0	ug/kg	0.43
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.0	ug/kg	0.35
Carbon tetrachloride	ND	4.0	ug/kg	0.30
Chlorobenzene	ND	4.0	ug/kg	0.26
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	8.0	ug/kg	1.0
Chloroethane	ND	4.0	ug/kg	0.69
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.33
Cyclohexane	ND	8.0	ug/kg	0.26
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.53
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.29
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.33
1,2-Dichloropropane	ND	4.0	ug/kg	0.55
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.43
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	8.0	ug/kg	1.1
Methylcyclohexane	ND	8.0	ug/kg	0.25
Methylene chloride	ND	4.0	ug/kg	0.54
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

GC/MS Volatiles

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.42
Toluene	ND	4.0	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.31
Trichloroethene	ND	4.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.52
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.31
Xylenes (total)	ND	8.0	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(59 - 138)
1,2-Dichloroethane-d4	109	(61 - 130)
Toluene-d8	77	(60 - 143)
4-Bromofluorobenzene	71	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

GC/MS Volatiles

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 13:30 **Date Received..:** 10/18/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.71
% Moisture.....: 7.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	15	ug/kg	4.8
Benzene	ND	3.8	ug/kg	0.18
Bromodichloromethane	ND	3.8	ug/kg	0.21
Bromoform	ND	3.8	ug/kg	0.25
Bromomethane	ND	3.8	ug/kg	0.41
2-Butanone	ND	15	ug/kg	1.1
Carbon disulfide	ND	3.8	ug/kg	0.34
Carbon tetrachloride	ND	3.8	ug/kg	0.28
Chlorobenzene	ND	3.8	ug/kg	0.25
Dibromochloromethane	ND	3.8	ug/kg	0.42
1,2-Dibromo-3-chloro-propane	ND	7.7	ug/kg	1.0
Chloroethane	ND	3.8	ug/kg	0.66
Chloroform	ND	3.8	ug/kg	0.22
Chloromethane	ND	3.8	ug/kg	0.31
Cyclohexane	**0.26 J**	**7.7**	**ug/kg**	**0.25**
1,2-Dibromoethane	ND	3.8	ug/kg	0.38
1,2-Dichlorobenzene	ND	3.8	ug/kg	0.28
1,3-Dichlorobenzene	ND	3.8	ug/kg	0.27
1,4-Dichlorobenzene	ND	3.8	ug/kg	0.51
Dichlorodifluoromethane	ND	3.8	ug/kg	0.38
1,1-Dichloroethane	ND	3.8	ug/kg	0.28
1,2-Dichloroethane	ND	3.8	ug/kg	0.26
1,1-Dichloroethene	ND	3.8	ug/kg	0.40
cis-1,2-Dichloroethene	ND	3.8	ug/kg	0.28
trans-1,2-Dichloroethene	ND	3.8	ug/kg	0.31
1,2-Dichloropropane	ND	3.8	ug/kg	0.53
cis-1,3-Dichloropropene	ND	3.8	ug/kg	0.26
trans-1,3-Dichloropropene	ND	3.8	ug/kg	0.41
Ethylbenzene	ND	3.8	ug/kg	0.20
Trichlorofluoromethane	ND	3.8	ug/kg	0.26
2-Hexanone	ND	15	ug/kg	0.48
Isopropylbenzene	ND	3.8	ug/kg	0.12
Methyl acetate	ND	7.7	ug/kg	1.1
Methylcyclohexane	ND	7.7	ug/kg	0.24
Methylene chloride	ND	3.8	ug/kg	0.51
4-Methyl-2-pentanone	ND	15	ug/kg	0.41
Styrene	ND	3.8	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

GC/MS Volatiles

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.8	ug/kg	0.26
Tetrachloroethene	ND	3.8	ug/kg	0.40
Toluene	ND	3.8	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	3.8	ug/kg	0.21
1,1,1-Trichloroethane	ND	3.8	ug/kg	0.43
1,1,2-Trichloroethane	ND	3.8	ug/kg	0.30
Trichloroethene	ND	3.8	ug/kg	0.32
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.8	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	3.8	ug/kg	0.50
1,3,5-Trimethylbenzene	ND	3.8	ug/kg	0.19
Vinyl chloride	ND	3.8	ug/kg	0.30
Xylenes (total)	ND	7.7	ug/kg	0.51
Methyl tert-butyl ether	ND	15	ug/kg	0.33

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

GC/MS Volatiles

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 14:45 **Date Received..:** 10/18/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 0.72
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**32**	**16**	**ug/kg**	**5.1**
Benzene	ND	4.0	ug/kg	0.19
Bromodichloromethane	ND	4.0	ug/kg	0.23
Bromoform	ND	4.0	ug/kg	0.27
Bromomethane	ND	4.0	ug/kg	0.44
2-Butanone	**7.8 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	ND	4.0	ug/kg	0.36
Carbon tetrachloride	ND	4.0	ug/kg	0.30
Chlorobenzene	ND	4.0	ug/kg	0.27
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.1
Chloroethane	ND	4.0	ug/kg	0.70
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.33
Cyclohexane	ND	8.1	ug/kg	0.27
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.53
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.29
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.33
1,2-Dichloropropane	ND	4.0	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.44
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	ND	8.1	ug/kg	0.25
Methylene chloride	ND	4.0	ug/kg	0.54
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

GC/MS Volatiles

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.42
Toluene	ND	4.0	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.32
Trichloroethene	ND	4.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.32
Xylenes (total)	ND	8.1	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	100	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	76	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

GC/MS Volatiles

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 15:40 **Date Received..:** 10/18/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 0.83
% Moisture.....: 7.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.6
Benzene	ND	4.5	ug/kg	0.21
Bromodichloromethane	ND	4.5	ug/kg	0.25
Bromoform	ND	4.5	ug/kg	0.30
Bromomethane	ND	4.5	ug/kg	0.48
2-Butanone	ND	18	ug/kg	1.3
Carbon disulfide	ND	4.5	ug/kg	0.39
Carbon tetrachloride	ND	4.5	ug/kg	0.33
Chlorobenzene	ND	4.5	ug/kg	0.30
Dibromochloromethane	ND	4.5	ug/kg	0.49
1,2-Dibromo-3-chloro-propane	ND	9.0	ug/kg	1.2
Chloroethane	ND	4.5	ug/kg	0.77
Chloroform	ND	4.5	ug/kg	0.26
Chloromethane	ND	4.5	ug/kg	0.37
Cyclohexane	ND	9.0	ug/kg	0.30
1,2-Dibromoethane	ND	4.5	ug/kg	0.45
1,2-Dichlorobenzene	ND	4.5	ug/kg	0.32
1,3-Dichlorobenzene	ND	4.5	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.5	ug/kg	0.59
Dichlorodifluoromethane	ND	4.5	ug/kg	0.45
1,1-Dichloroethane	ND	4.5	ug/kg	0.32
1,2-Dichloroethane	ND	4.5	ug/kg	0.30
1,1-Dichloroethene	ND	4.5	ug/kg	0.47
cis-1,2-Dichloroethene	ND	4.5	ug/kg	0.32
trans-1,2-Dichloroethene	ND	4.5	ug/kg	0.37
1,2-Dichloropropane	ND	4.5	ug/kg	0.62
cis-1,3-Dichloropropene	ND	4.5	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.5	ug/kg	0.48
Ethylbenzene	ND	4.5	ug/kg	0.23
Trichlorofluoromethane	ND	4.5	ug/kg	0.30
2-Hexanone	ND	18	ug/kg	0.56
Isopropylbenzene	ND	4.5	ug/kg	0.14
Methyl acetate	ND	9.0	ug/kg	1.3
Methylcyclohexane	ND	9.0	ug/kg	0.28
Methylene chloride	ND	4.5	ug/kg	0.60
4-Methyl-2-pentanone	ND	18	ug/kg	0.48
Styrene	ND	4.5	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

GC/MS Volatiles

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.5	ug/kg	0.30
Tetrachloroethene	ND	4.5	ug/kg	0.47
Toluene	ND	4.5	ug/kg	0.24
1,2,4-Trichloro-benzene	ND	4.5	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.5	ug/kg	0.50
1,1,2-Trichloroethane	ND	4.5	ug/kg	0.35
Trichloroethene	ND	4.5	ug/kg	0.38
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.5	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.5	ug/kg	0.58
1,3,5-Trimethylbenzene	ND	4.5	ug/kg	0.22
Vinyl chloride	ND	4.5	ug/kg	0.35
Xylenes (total)	ND	9.0	ug/kg	0.60
Methyl tert-butyl ether	ND	18	ug/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	80	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

GC/MS Volatiles

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 16:15 **Date Received..:** 10/18/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 0.71
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**29**	**16**	**ug/kg**	**5.2**
Benzene	**0.43 J**	**4.1**	**ug/kg**	**0.19**
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	**6.5 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	**0.57 J**	**4.1**	**ug/kg**	**0.36**
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.2	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.34
Cyclohexane	**0.52 J**	**8.2**	**ug/kg**	**0.27**
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.34
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	**0.25 J**	**4.1**	**ug/kg**	**0.21**
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.52
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.2	ug/kg	1.1
Methylcyclohexane	**0.30 J**	**8.2**	**ug/kg**	**0.25**
Methylene chloride	ND	4.1	ug/kg	0.55
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

GC/MS Volatiles

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.43
Toluene	**1.0 J**	**4.1**	**ug/kg**	**0.22**
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	**1.4 J**	**8.2**	**ug/kg**	**0.55**
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	79	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101707-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J180159-011 **Work Order #...:** J886R1AA **Matrix.....:** SQ
Date Sampled...: 10/17/07 **Date Received..:** 10/18/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101707-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J180159-011 **Work Order #...:** J886R1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

GC/MS Volatiles

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T1AN **Matrix.....:** SO
Date Sampled...: 10/17/07 11:00 **Date Received..:** 10/18/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.85
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**14 J**	**19**	**ug/kg**	**6.0**
Benzene	**0.24 J**	**4.7**	**ug/kg**	**0.22**
Bromodichloromethane	ND	4.7	ug/kg	0.26
Bromoform	ND	4.7	ug/kg	0.31
Bromomethane	ND	4.7	ug/kg	0.51
2-Butanone	**3.9 J**	**19**	**ug/kg**	**1.3**
Carbon disulfide	ND	4.7	ug/kg	0.42
Carbon tetrachloride	ND	4.7	ug/kg	0.35
Chlorobenzene	ND	4.7	ug/kg	0.31
Dibromochloromethane	ND	4.7	ug/kg	0.52
1,2-Dibromo-3-chloro-propane	ND	9.4	ug/kg	1.2
Chloroethane	ND	4.7	ug/kg	0.81
Chloroform	ND	4.7	ug/kg	0.27
Chloromethane	ND	4.7	ug/kg	0.39
Cyclohexane	ND	9.4	ug/kg	0.31
1,2-Dibromoethane	ND	4.7	ug/kg	0.47
1,2-Dichlorobenzene	ND	4.7	ug/kg	0.34
1,3-Dichlorobenzene	ND	4.7	ug/kg	0.33
1,4-Dichlorobenzene	ND	4.7	ug/kg	0.62
Dichlorodifluoromethane	ND	4.7	ug/kg	0.47
1,1-Dichloroethane	ND	4.7	ug/kg	0.34
1,2-Dichloroethane	ND	4.7	ug/kg	0.32
1,1-Dichloroethene	ND	4.7	ug/kg	0.49
cis-1,2-Dichloroethene	ND	4.7	ug/kg	0.34
trans-1,2-Dichloroethene	ND	4.7	ug/kg	0.39
1,2-Dichloropropane	ND	4.7	ug/kg	0.65
cis-1,3-Dichloropropene	ND	4.7	ug/kg	0.32
trans-1,3-Dichloropropene	ND	4.7	ug/kg	0.51
Ethylbenzene	ND	4.7	ug/kg	0.25
Trichlorofluoromethane	ND	4.7	ug/kg	0.32
2-Hexanone	ND	19	ug/kg	0.60
Isopropylbenzene	ND	4.7	ug/kg	0.15
Methyl acetate	ND	9.4	ug/kg	1.3
Methylcyclohexane	ND	9.4	ug/kg	0.29
Methylene chloride	ND	4.7	ug/kg	0.63
4-Methyl-2-pentanone	ND	19	ug/kg	0.51
Styrene	ND	4.7	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

GC/MS Volatiles

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.7	ug/kg	0.32
Tetrachloroethene	ND	4.7	ug/kg	0.49
Toluene	**0.56 J**	**4.7**	**ug/kg**	**0.26**
1,2,4-Trichloro-benzene	ND	4.7	ug/kg	0.26
1,1,1-Trichloroethane	ND	4.7	ug/kg	0.53
1,1,2-Trichloroethane	ND	4.7	ug/kg	0.37
Trichloroethene	ND	4.7	ug/kg	0.40
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.7	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.7	ug/kg	0.61
1,3,5-Trimethylbenzene	ND	4.7	ug/kg	0.24
Vinyl chloride	ND	4.7	ug/kg	0.37
Xylenes (total)	**0.87 J**	**9.4**	**ug/kg**	**0.63**
Methyl tert-butyl ether	ND	19	ug/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
Toluene-d8	67	(60 - 143)
4-Bromofluorobenzene	62	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A1A5 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 1
% Moisture.....: 5.5 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	28
Pyridine	ND	110	ug/kg	18
Acenaphthene	**51**	**7.1**	**ug/kg**	**1.4**
Acenaphthylene	**26**	**7.1**	**ug/kg**	**1.3**
Acetophenone	ND	110	ug/kg	28
Anthracene	**140**	**7.1**	**ug/kg**	**1.4**
Atrazine	ND	210	ug/kg	22
Benzo(a)anthracene	**400**	**7.1**	**ug/kg**	**1.0**
Benzo(a)pyrene	**360**	**7.1**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**320**	**7.1**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**190**	**7.1**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**340**	**7.1**	**ug/kg**	**1.8**
Benzaldehyde	ND	110	ug/kg	22
1,1'-Biphenyl	ND	53	ug/kg	24
bis(2-Chloroethoxy) methane	ND	110	ug/kg	23
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.1
bis(2-Ethylhexyl) phthalate	ND	53	ug/kg	19
4-Bromophenyl phenyl ether	ND	53	ug/kg	22
Butyl benzyl phthalate	ND	53	ug/kg	20
Caprolactam	ND	350	ug/kg	39
Carbazole	**58**	**53**	**ug/kg**	**20**
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	53	ug/kg	23
2-Chlorophenol	ND	53	ug/kg	28
4-Chlorophenyl phenyl ether	ND	53	ug/kg	25
Chrysene	**400**	**7.1**	**ug/kg**	**0.95**
Dibenz(a,h)anthracene	ND	7.1	ug/kg	1.4
Dibenzofuran	**42 J**	**53**	**ug/kg**	**21**
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
Diethyl phthalate	ND	53	ug/kg	20

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	53	ug/kg	22
Di-n-butyl phthalate	ND	53	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	350	ug/kg	88
2,4-Dinitrotoluene	ND	210	ug/kg	19
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	53	ug/kg	19
Fluoranthene	**1000**	**7.1**	**ug/kg**	**1.3**
Fluorene	**62**	**7.1**	**ug/kg**	**1.3**
Hexachlorobenzene	ND	7.1	ug/kg	2.2
Hexachlorobutadiene	ND	53	ug/kg	28
Hexachlorocyclopenta-diene	ND	350	ug/kg	17
Hexachloroethane	ND	53	ug/kg	30
Indeno(1,2,3-cd)pyrene	**180**	**7.1**	**ug/kg**	**1.6**
Isophorone	ND	53	ug/kg	22
2-Methylnaphthalene	**31**	**7.1**	**ug/kg**	**1.6**
2-Methylphenol	ND	210	ug/kg	30
4-Methylphenol	ND	210	ug/kg	23
Naphthalene	**26**	**7.1**	**ug/kg**	**1.7**
2-Nitroaniline	ND	210	ug/kg	23
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.3
2-Nitrophenol	ND	53	ug/kg	20
4-Nitrophenol	ND	350	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	53	ug/kg	24
N-Nitrosodiphenylamine	ND	53	ug/kg	22
Pentachlorophenol	ND	160	ug/kg	87
Phenanthrene	**510**	**7.1**	**ug/kg**	**2.1**
Phenol	ND	53	ug/kg	26
Pyrene	**800**	**7.1**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	27	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 10:50 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 20
% Moisture.....: 9.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	2200	ug/kg	580
Pyridine	ND	2200	ug/kg	380
Acenaphthene	ND	150	ug/kg	29
Acenaphthylene	ND	150	ug/kg	27
Acetophenone	ND	2200	ug/kg	580
Anthracene	ND	150	ug/kg	29
Atrazine	ND	4400	ug/kg	470
Benzo(a)anthracene	ND	150	ug/kg	21
Benzo(a)pyrene	ND	150	ug/kg	29
Benzo(b)fluoranthene	ND	150	ug/kg	27
Benzo(ghi)perylene	ND	150	ug/kg	29
Benzo(k)fluoranthene	ND	150	ug/kg	38
Benzaldehyde	ND	2200	ug/kg	470
1,1'-Biphenyl	ND	1100	ug/kg	510
bis(2-Chloroethoxy) methane	ND	2200	ug/kg	490
bis(2-Chloroethyl)-ether	ND	2200	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	1100	ug/kg	400
4-Bromophenyl phenyl ether	ND	1100	ug/kg	470
Butyl benzyl phthalate	ND	1100	ug/kg	420
Caprolactam	ND	7300	ug/kg	820
Carbazole	ND	1100	ug/kg	420
4-Chloroaniline	ND	3300	ug/kg	380
4-Chloro-3-methylphenol	ND	3300	ug/kg	470
2-Chloronaphthalene	ND	1100	ug/kg	490
2-Chlorophenol	ND	1100	ug/kg	580
4-Chlorophenyl phenyl ether	ND	1100	ug/kg	530
Chrysene	ND	150	ug/kg	20
Dibenz(a,h)anthracene	ND	150	ug/kg	29
Dibenzofuran	ND	1100	ug/kg	440
3,3'-Dichlorobenzidine	ND	2200	ug/kg	400
2,4-Dichlorophenol	ND	3300	ug/kg	440
Diethyl phthalate	ND	1100	ug/kg	420

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	3300	ug/kg	440
Dimethyl phthalate	ND	1100	ug/kg	470
Di-n-butyl phthalate	ND	1100	ug/kg	420
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	290
2,4-Dinitrophenol	ND	7300	ug/kg	1800
2,4-Dinitrotoluene	ND	4400	ug/kg	400
2,6-Dinitrotoluene	ND	4400	ug/kg	470
Di-n-octyl phthalate	ND	1100	ug/kg	400
Fluoranthene	ND	150	ug/kg	27
Fluorene	ND	150	ug/kg	27
Hexachlorobenzene	ND	150	ug/kg	47
Hexachlorobutadiene	ND	1100	ug/kg	580
Hexachlorocyclopenta-diene	ND	7300	ug/kg	350
Hexachloroethane	ND	1100	ug/kg	620
Indeno(1,2,3-cd)pyrene	ND	150	ug/kg	33
Isophorone	ND	1100	ug/kg	470
2-Methylnaphthalene	ND	150	ug/kg	33
2-Methylphenol	ND	4400	ug/kg	620
4-Methylphenol	ND	4400	ug/kg	490
Naphthalene	ND	150	ug/kg	35
2-Nitroaniline	ND	4400	ug/kg	490
3-Nitroaniline	ND	4400	ug/kg	350
4-Nitroaniline	ND	4400	ug/kg	580
Nitrobenzene	ND	2200	ug/kg	49
2-Nitrophenol	ND	1100	ug/kg	420
4-Nitrophenol	ND	7300	ug/kg	2400
N-Nitrosodi-n-propyl-amine	ND	1100	ug/kg	510
N-Nitrosodiphenylamine	ND	1100	ug/kg	470
Pentachlorophenol	ND	3300	ug/kg	1800
Phenanthrene	ND	150	ug/kg	44
Phenol	ND	1100	ug/kg	550
Pyrene	**190**	**150**	**ug/kg**	**24**
2,4,5-Trichloro-phenol	ND	3300	ug/kg	550
2,4,6-Trichloro-phenol	ND	3300	ug/kg	470

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	99 DIL	(24 - 112)
2-Fluorobiphenyl	107 DIL	(34 - 110)
Terphenyl-d14	146 DIL,*	(41 - 119)
Phenol-d5	110 DIL	(28 - 110)
2-Fluorophenol	101 DIL	(26 - 110)
2,4,6-Tribromophenol	108 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 11:25 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.7	ug/kg	1.5
Acenaphthylene	ND	7.7	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.7	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**30**	**7.7**	**ug/kg**	**1.1**
Benzo(a)pyrene	**27**	**7.7**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**36**	**7.7**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**21**	**7.7**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**15**	**7.7**	**ug/kg**	**2.0**
Benzaldehyde	ND	120	ug/kg	24
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	58	ug/kg	21
4-Bromophenyl phenyl ether	ND	58	ug/kg	24
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	380	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	20
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	**30**	**7.7**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.7	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	24
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	96
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	**62**	**7.7**	**ug/kg**	**1.4**
Fluorene	ND	7.7	ug/kg	1.4
Hexachlorobenzene	ND	7.7	ug/kg	2.4
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	**16**	**7.7**	**ug/kg**	**1.7**
Isophorone	ND	58	ug/kg	24
2-Methylnaphthalene	ND	7.7	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.7	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	95
Phenanthrene	**30**	**7.7**	**ug/kg**	**2.3**
Phenol	ND	58	ug/kg	29
Pyrene	**55**	**7.7**	**ug/kg**	**1.3**
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	73	(26 - 110)
2,4,6-Tribromophenol	71	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 12:45 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	**21**	**7.3**	**ug/kg**	**1.4**
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	**73**	**7.3**	**ug/kg**	**1.0**
Benzo(a)pyrene	**64**	**7.3**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**80**	**7.3**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**39**	**7.3**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**35**	**7.3**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	55	ug/kg	20
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	**74**	**7.3**	**ug/kg**	**0.99**
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	**160**	**7.3**	**ug/kg**	**1.3**
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	**33**	**7.3**	**ug/kg**	**1.6**
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	**80**	**7.3**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	27
Pyrene	**130**	**7.3**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	95	(24 - 112)
2-Fluorobiphenyl	109	(34 - 110)
Terphenyl-d14	145 *	(41 - 119)
Phenol-d5	116 *	(28 - 110)
2-Fluorophenol	107	(26 - 110)
2,4,6-Tribromophenol	97	(10 - 118)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 13:30 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 4
% Moisture.....: 7.4 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	430	ug/kg	110
Pyridine	ND	430	ug/kg	73
Acenaphthene	ND	29	ug/kg	5.6
Acenaphthylene	ND	29	ug/kg	5.2
Acetophenone	ND	430	ug/kg	110
Anthracene	ND	29	ug/kg	5.6
Atrazine	ND	860	ug/kg	91
Benzo(a)anthracene	**180**	**29**	**ug/kg**	**4.1**
Benzo(a)pyrene	**180**	**29**	**ug/kg**	**5.6**
Benzo(b)fluoranthene	**260**	**29**	**ug/kg**	**5.2**
Benzo(ghi)perylene	**110**	**29**	**ug/kg**	**5.6**
Benzo(k)fluoranthene	**140**	**29**	**ug/kg**	**7.3**
Benzaldehyde	ND	430	ug/kg	91
1,1'-Biphenyl	ND	220	ug/kg	99
bis(2-Chloroethoxy) methane	ND	430	ug/kg	95
bis(2-Chloroethyl)-ether	ND	430	ug/kg	8.6
bis(2-Ethylhexyl) phthalate	ND	220	ug/kg	78
4-Bromophenyl phenyl ether	ND	220	ug/kg	91
Butyl benzyl phthalate	ND	220	ug/kg	82
Caprolactam	ND	1400	ug/kg	160
Carbazole	ND	220	ug/kg	82
4-Chloroaniline	ND	650	ug/kg	73
4-Chloro-3-methylphenol	ND	650	ug/kg	91
2-Chloronaphthalene	ND	220	ug/kg	95
2-Chlorophenol	ND	220	ug/kg	110
4-Chlorophenyl phenyl ether	ND	220	ug/kg	100
Chrysene	**240**	**29**	**ug/kg**	**3.9**
Dibenz(a,h)anthracene	ND	29	ug/kg	5.6
Dibenzofuran	ND	220	ug/kg	86
3,3'-Dichlorobenzidine	ND	430	ug/kg	78
2,4-Dichlorophenol	ND	650	ug/kg	86
Diethyl phthalate	ND	220	ug/kg	82

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	650	ug/kg	86
Dimethyl phthalate	ND	220	ug/kg	91
Di-n-butyl phthalate	ND	220	ug/kg	82
4,6-Dinitro-2-methylphenol	ND	650	ug/kg	56
2,4-Dinitrophenol	ND	1400	ug/kg	360
2,4-Dinitrotoluene	ND	860	ug/kg	78
2,6-Dinitrotoluene	ND	860	ug/kg	91
Di-n-octyl phthalate	ND	220	ug/kg	78
Fluoranthene	**230**	**29**	**ug/kg**	**5.2**
Fluorene	ND	29	ug/kg	5.2
Hexachlorobenzene	ND	29	ug/kg	9.1
Hexachlorobutadiene	ND	220	ug/kg	110
Hexachlorocyclopenta-diene	ND	1400	ug/kg	69
Hexachloroethane	ND	220	ug/kg	120
Indeno(1,2,3-cd)pyrene	**110**	**29**	**ug/kg**	**6.5**
Isophorone	ND	220	ug/kg	91
2-Methylnaphthalene	**140**	**29**	**ug/kg**	**6.5**
2-Methylphenol	ND	860	ug/kg	120
4-Methylphenol	ND	860	ug/kg	95
Naphthalene	**60**	**29**	**ug/kg**	**6.9**
2-Nitroaniline	ND	860	ug/kg	95
3-Nitroaniline	ND	860	ug/kg	69
4-Nitroaniline	ND	860	ug/kg	110
Nitrobenzene	ND	430	ug/kg	9.5
2-Nitrophenol	ND	220	ug/kg	82
4-Nitrophenol	ND	1400	ug/kg	480
N-Nitrosodi-n-propyl-amine	ND	220	ug/kg	99
N-Nitrosodiphenylamine	ND	220	ug/kg	91
Pentachlorophenol	ND	650	ug/kg	350
Phenanthrene	**100**	**29**	**ug/kg**	**8.6**
Phenol	ND	220	ug/kg	110
Pyrene	**210**	**29**	**ug/kg**	**4.8**
2,4,5-Trichloro-phenol	ND	650	ug/kg	110
2,4,6-Trichloro-phenol	ND	650	ug/kg	91

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	59 DIL	(24 - 112)
2-Fluorobiphenyl	77 DIL	(34 - 110)
Terphenyl-d14	103 DIL	(41 - 119)
Phenol-d5	70 DIL	(28 - 110)
2-Fluorophenol	58 DIL	(26 - 110)
2,4,6-Tribromophenol	88 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 14:45 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
2-Fluorobiphenyl	68	(34 - 110)
Terphenyl-d14	96	(41 - 119)
Phenol-d5	77	(28 - 110)
2-Fluorophenol	78	(26 - 110)
2,4,6-Tribromophenol	67	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 15:40 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	28
Pyridine	ND	110	ug/kg	18
Acenaphthene	ND	7.2	ug/kg	1.4
Acenaphthylene	ND	7.2	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.2	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.2	ug/kg	1.0
Benzo(a)pyrene	ND	7.2	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.2	ug/kg	1.3
Benzo(ghi)perylene	ND	7.2	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.2	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	54	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	54	ug/kg	19
4-Bromophenyl phenyl ether	ND	54	ug/kg	23
Butyl benzyl phthalate	ND	54	ug/kg	21
Caprolactam	ND	360	ug/kg	40
Carbazole	ND	54	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	24
2-Chlorophenol	ND	54	ug/kg	28
4-Chlorophenyl phenyl ether	ND	54	ug/kg	26
Chrysene	ND	7.2	ug/kg	0.97
Dibenz(a,h)anthracene	ND	7.2	ug/kg	1.4
Dibenzofuran	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	54	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	23
Di-n-butyl phthalate	ND	54	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	90
2,4-Dinitrotoluene	ND	220	ug/kg	19
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	19
Fluoranthene	**9.8**	**7.2**	**ug/kg**	**1.3**
Fluorene	ND	7.2	ug/kg	1.3
Hexachlorobenzene	ND	7.2	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	28
Hexachlorocyclopenta-diene	ND	360	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.2	ug/kg	1.6
Isophorone	ND	54	ug/kg	23
2-Methylnaphthalene	ND	7.2	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	30
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.2	ug/kg	1.7
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	89
Phenanthrene	**11**	**7.2**	**ug/kg**	**2.2**
Phenol	ND	54	ug/kg	27
Pyrene	**9.8**	**7.2**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	76	(34 - 110)
Terphenyl-d14	99	(41 - 119)
Phenol-d5	77	(28 - 110)
2-Fluorophenol	73	(26 - 110)
2,4,6-Tribromophenol	73	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 16:15 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 20
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	2300	ug/kg	600
Pyridine	ND	2300	ug/kg	390
Acenaphthene	ND	150	ug/kg	30
Acenaphthylene	ND	150	ug/kg	28
Acetophenone	ND	2300	ug/kg	600
Anthracene	ND	150	ug/kg	30
Atrazine	ND	4600	ug/kg	480
Benzo(a)anthracene	ND	150	ug/kg	22
Benzo(a)pyrene	ND	150	ug/kg	30
Benzo(b)fluoranthene	ND	150	ug/kg	28
Benzo(ghi)perylene	ND	150	ug/kg	30
Benzo(k)fluoranthene	ND	150	ug/kg	39
Benzaldehyde	ND	2300	ug/kg	480
1,1'-Biphenyl	ND	1200	ug/kg	530
bis(2-Chloroethoxy) methane	ND	2300	ug/kg	510
bis(2-Chloroethyl)-ether	ND	2300	ug/kg	46
bis(2-Ethylhexyl) phthalate	ND	1200	ug/kg	410
4-Bromophenyl phenyl ether	ND	1200	ug/kg	480
Butyl benzyl phthalate	ND	1200	ug/kg	440
Caprolactam	ND	7600	ug/kg	850
Carbazole	ND	1200	ug/kg	440
4-Chloroaniline	ND	3500	ug/kg	390
4-Chloro-3-methylphenol	ND	3500	ug/kg	480
2-Chloronaphthalene	ND	1200	ug/kg	510
2-Chlorophenol	ND	1200	ug/kg	600
4-Chlorophenyl phenyl ether	ND	1200	ug/kg	550
Chrysene	ND	150	ug/kg	21
Dibenz(a,h)anthracene	ND	150	ug/kg	30
Dibenzofuran	ND	1200	ug/kg	460
3,3'-Dichlorobenzidine	ND	2300	ug/kg	410
2,4-Dichlorophenol	ND	3500	ug/kg	460
Diethyl phthalate	ND	1200	ug/kg	440

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	3500	ug/kg	460
Dimethyl phthalate	ND	1200	ug/kg	480
Di-n-butyl phthalate	ND	1200	ug/kg	440
4,6-Dinitro-2-methylphenol	ND	3500	ug/kg	300
2,4-Dinitrophenol	ND	7600	ug/kg	1900
2,4-Dinitrotoluene	ND	4600	ug/kg	410
2,6-Dinitrotoluene	ND	4600	ug/kg	480
Di-n-octyl phthalate	ND	1200	ug/kg	410
Fluoranthene	ND	150	ug/kg	28
Fluorene	ND	150	ug/kg	28
Hexachlorobenzene	ND	150	ug/kg	48
Hexachlorobutadiene	ND	1200	ug/kg	600
Hexachlorocyclopentadiene	ND	7600	ug/kg	370
Hexachloroethane	ND	1200	ug/kg	650
Indeno(1,2,3-cd)pyrene	ND	150	ug/kg	35
Isophorone	ND	1200	ug/kg	480
2-Methylnaphthalene	ND	150	ug/kg	35
2-Methylphenol	ND	4600	ug/kg	650
4-Methylphenol	ND	4600	ug/kg	510
Naphthalene	ND	150	ug/kg	37
2-Nitroaniline	ND	4600	ug/kg	510
3-Nitroaniline	ND	4600	ug/kg	370
4-Nitroaniline	ND	4600	ug/kg	600
Nitrobenzene	ND	2300	ug/kg	51
2-Nitrophenol	ND	1200	ug/kg	440
4-Nitrophenol	ND	7600	ug/kg	2500
N-Nitrosodi-n-propylamine	ND	1200	ug/kg	530
N-Nitrosodiphenylamine	ND	1200	ug/kg	480
Pentachlorophenol	ND	3500	ug/kg	1900
Phenanthrene	ND	150	ug/kg	46
Phenol	ND	1200	ug/kg	580
Pyrene	ND	150	ug/kg	25
2,4,5-Trichlorophenol	ND	3500	ug/kg	580
2,4,6-Trichlorophenol	ND	3500	ug/kg	480

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60 DIL	(24 - 112)
2-Fluorobiphenyl	61 DIL	(34 - 110)
Terphenyl-d14	77 DIL	(41 - 119)
Phenol-d5	63 DIL	(28 - 110)
2-Fluorophenol	58 DIL	(26 - 110)
2,4,6-Tribromophenol	63 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T1AG **Matrix.....:** SO
Date Sampled...: 10/17/07 11:00 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7291353
Dilution Factor: 20
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	2200	ug/kg	580
Pyridine	ND	2200	ug/kg	380
Acenaphthene	ND	150	ug/kg	29
Acenaphthylene	ND	150	ug/kg	27
Acetophenone	ND	2200	ug/kg	580
Anthracene	**350**	**150**	**ug/kg**	**29**
Atrazine	ND	4400	ug/kg	470
Benzo(a)anthracene	**850**	**150**	**ug/kg**	**21**
Benzo(a)pyrene	ND	150	ug/kg	29
Benzo(b)fluoranthene	ND	150	ug/kg	27
Benzo(ghi)perylene	ND	150	ug/kg	29
Benzo(k)fluoranthene	ND	150	ug/kg	38
Benzaldehyde	ND	2200	ug/kg	470
1,1'-Biphenyl	ND	1100	ug/kg	510
bis(2-Chloroethoxy) methane	ND	2200	ug/kg	490
bis(2-Chloroethyl)-ether	ND	2200	ug/kg	44
bis(2-Ethylhexyl) phthalate	ND	1100	ug/kg	400
4-Bromophenyl phenyl ether	ND	1100	ug/kg	470
Butyl benzyl phthalate	ND	1100	ug/kg	420
Caprolactam	ND	7300	ug/kg	820
Carbazole	ND	1100	ug/kg	420
4-Chloroaniline	ND	3300	ug/kg	380
4-Chloro-3-methylphenol	ND	3300	ug/kg	470
2-Chloronaphthalene	ND	1100	ug/kg	490
2-Chlorophenol	ND	1100	ug/kg	580
4-Chlorophenyl phenyl ether	ND	1100	ug/kg	530
Chrysene	**950**	**150**	**ug/kg**	**20**
Dibenz(a,h)anthracene	ND	150	ug/kg	29
Dibenzofuran	ND	1100	ug/kg	440
3,3'-Dichlorobenzidine	ND	2200	ug/kg	400
2,4-Dichlorophenol	ND	3300	ug/kg	440
Diethyl phthalate	ND	1100	ug/kg	420

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	3300	ug/kg	440
Dimethyl phthalate	ND	1100	ug/kg	470
Di-n-butyl phthalate	ND	1100	ug/kg	420
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	290
2,4-Dinitrophenol	ND	7300	ug/kg	1800
2,4-Dinitrotoluene	ND	4400	ug/kg	400
2,6-Dinitrotoluene	ND	4400	ug/kg	470
Di-n-octyl phthalate	ND	1100	ug/kg	400
Fluoranthene	**1800**	**150**	**ug/kg**	**27**
Fluorene	ND	150	ug/kg	27
Hexachlorobenzene	ND	150	ug/kg	47
Hexachlorobutadiene	ND	1100	ug/kg	580
Hexachlorocyclopenta-diene	ND	7300	ug/kg	360
Hexachloroethane	ND	1100	ug/kg	620
Indeno(1,2,3-cd)pyrene	ND	150	ug/kg	33
Isophorone	ND	1100	ug/kg	470
2-Methylnaphthalene	ND	150	ug/kg	33
2-Methylphenol	ND	4400	ug/kg	620
4-Methylphenol	ND	4400	ug/kg	490
Naphthalene	ND	150	ug/kg	36
2-Nitroaniline	ND	4400	ug/kg	490
3-Nitroaniline	ND	4400	ug/kg	360
4-Nitroaniline	ND	4400	ug/kg	580
Nitrobenzene	ND	2200	ug/kg	49
2-Nitrophenol	ND	1100	ug/kg	420
4-Nitrophenol	ND	7300	ug/kg	2400
N-Nitrosodi-n-propyl-amine	ND	1100	ug/kg	510
N-Nitrosodiphenylamine	ND	1100	ug/kg	470
Pentachlorophenol	ND	3300	ug/kg	1800
Phenanthrene	**1500**	**150**	**ug/kg**	**44**
Phenol	ND	1100	ug/kg	560
Pyrene	**1700**	**150**	**ug/kg**	**24**
2,4,5-Trichloro-phenol	ND	3300	ug/kg	560
2,4,6-Trichloro-phenol	ND	3300	ug/kg	470

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

GC/MS Semivolatiles

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78 DIL	(24 - 112)
2-Fluorobiphenyl	93 DIL	(34 - 110)
Terphenyl-d14	112 DIL	(41 - 119)
Phenol-d5	86 DIL	(28 - 110)
2-Fluorophenol	81 DIL	(26 - 110)
2,4,6-Tribromophenol	83 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

GC Semivolatiles

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A1A7 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 5.5 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	12
Aroclor 1221	ND	35	ug/kg	14
Aroclor 1232	ND	35	ug/kg	13
Aroclor 1242	ND	35	ug/kg	15
Aroclor 1248	ND	35	ug/kg	16
Aroclor 1254	ND	35	ug/kg	9.3
Aroclor 1260	ND	35	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	106	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

GC Semivolatiles

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 10:50 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 9.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	14
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.8
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 196)
Decachlorobiphenyl	75	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

GC Semivolatiles

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 11:25 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	**26 J**	**38**	**ug/kg**	**10**
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 196)
Decachlorobiphenyl	122	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

GC Semivolatiles

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 12:45 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	**23 J**	**36**	**ug/kg**	**9.7**
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(10 - 196)
Decachlorobiphenyl	79	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

GC Semivolatiles

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 13:30 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	ND	36	ug/kg	9.5
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	74	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

GC Semivolatiles

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 14:45 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.9
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
Decachlorobiphenyl	78	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

GC Semivolatiles

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 15:40 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 7.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	ND	36	ug/kg	9.5
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 196)
Decachlorobiphenyl	72	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

GC Semivolatiles

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 16:15 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	57	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

GC Semivolatiles

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T1AJ **Matrix.....:** SO
Date Sampled...: 10/17/07 11:00 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7291351
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	14
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	9.8
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 196)
Decachlorobiphenyl	117	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

TOTAL Metals

Lot-Sample #...: A7J180159-001 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
% Moisture.....: 5.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**10.8**	**0.42**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886A1A9**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7292028						
Silver	**0.054 B**	**0.085**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886A1A2**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**3890**	**16.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AE**
		Dilution Factor: 1		MDL.....: 10.2		
Arsenic	**2.6**	**0.085**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886A1A0**
		Dilution Factor: 1		MDL.....: 0.066		
Barium	**33.8**	**0.85**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AF**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/19/07	J886A1AG
		Dilution Factor: 1		MDL.....: 0.045		
Calcium	**81400**	**2120**	**mg/kg**	**SW846 6010B**	**10/19-10/22/07**	**J886A1AJ**
		Dilution Factor: 5		MDL.....: 84.6		
Cadmium	ND	0.085	mg/kg	SW846 6010B	10/19/07	J886A1AH
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**2.9**	**0.42**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AK**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**11.2**	**0.42**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**8.3**	**0.85**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AL**
		Dilution Factor: 1		MDL.....: 0.78		
Iron	**8380**	**8.5**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AM**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	ND	0.042	mg/kg	SW846 7471A	10/19/07	J886A1AD
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

TOTAL Metals

Lot-Sample #...: A7J180159-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**433**	**423**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AR**
		Dilution Factor: 1		MDL.....: 6.6		
Magnesium	**15800**	**84.6**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AN**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**317 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AP**
		Dilution Factor: 1		MDL.....: 0.078		
Sodium	**385**	**84.6**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AT**
		Dilution Factor: 1		MDL.....: 69.8		
Nickel	**9.0**	**0.85**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AQ**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**8.5**	**0.25**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AW**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.087 B,J**	**0.17**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886A1AX**
		Dilution Factor: 1		MDL.....: 0.025		
Selenium	**0.14 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886A1A1**
		Dilution Factor: 1		MDL.....: 0.095		
Thallium	**0.037 B**	**0.085**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886A1A3**
		Dilution Factor: 1		MDL.....: 0.0084		
Vanadium	**13.7**	**0.85**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886A1AU**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**16.9 J**	**0.85**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886A1A4**
		Dilution Factor: 1		MDL.....: 0.47		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

TOTAL Metals

Lot-Sample #...: A7J180159-002 **Matrix.....:** SO
Date Sampled...: 10/17/07 10:50 **Date Received..:** 10/18/07
% Moisture.....: 9.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**5.1**	**0.44**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886F1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7292028						
Silver	**0.046 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886F1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**4020**	**17.7**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1AQ**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**4.1**	**0.089**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886F1AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**34.7**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.12 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**6820**	**444**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1AV**
		Dilution Factor: 1		MDL.....: 17.7		
Cadmium	ND	0.089	mg/kg	SW846 6010B	10/19/07	J886F1AU
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**3.2**	**0.44**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**6.9**	**0.44**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**13.6**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1AX**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**11200**	**8.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.019 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/19/07**	**J886F1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

TOTAL Metals

Lot-Sample #...: A7J180159-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**443 B**	**444**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**2090**	**88.7**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**119 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A2**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**292**	**88.7**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A5**
		Dilution Factor: 1		MDL.....: 73.2		
Nickel	**7.4**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**18.4**	**0.27**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.13 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886F1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.32**	**0.19**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886F1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.046 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886F1AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**10.0**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886F1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**23.1 J**	**0.89**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886F1AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

TOTAL Metals

Lot-Sample #...: A7J180159-003 **Matrix.....:** SO
Date Sampled...: 10/17/07 11:25 **Date Received..:** 10/18/07
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**13.8**	**0.46**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886G1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7292028						
Silver	**0.10**	**0.093**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886G1AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**8170**	**18.6**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AQ**
		Dilution Factor: 1		MDL.....: 11.1		
Arsenic	**4.5**	**0.093**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886G1AA**
		Dilution Factor: 1		MDL.....: 0.072		
Barium	**77.0**	**0.93**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AR**
		Dilution Factor: 1		MDL.....: 0.082		
Beryllium	**0.13 B**	**0.19**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AT**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**56800**	**464**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AV**
		Dilution Factor: 1		MDL.....: 18.6		
Cadmium	**0.084 B**	**0.093**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**6.4**	**0.46**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**13.8**	**0.46**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**22.9**	**0.93**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1AX**
		Dilution Factor: 1		MDL.....: 0.86		
Iron	**15000**	**9.3**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A0**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.036 B**	**0.046**	**mg/kg**	**SW846 7471A**	**10/19/07**	**J886G1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

TOTAL Metals

Lot-Sample #...: A7J180159-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1490**	**464**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A4**
		Dilution Factor: 1		MDL.....: 7.2		
Magnesium	**8400**	**92.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**335 J**	**0.93**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A2**
		Dilution Factor: 1		MDL.....: 0.086		
Sodium	**1060**	**92.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A5**
		Dilution Factor: 1		MDL.....: 76.6		
Nickel	**17.4**	**0.93**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**25.4**	**0.28**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.22 J**	**0.19**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886G1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	10/19-10/22/07	J886G1AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.18**	**0.093**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886G1AE**
		Dilution Factor: 1		MDL.....: 0.0092		
Vanadium	**19.4**	**0.93**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886G1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**65.5 J**	**0.93**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886G1AF**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

TOTAL Metals

Lot-Sample #...: A7J180159-005 **Matrix.....:** SO
Date Sampled...: 10/17/07 12:45 **Date Received..:** 10/18/07
% Moisture.....: 9.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**6.3**	**0.44**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886J1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7292028						
Silver	**0.034 B**	**0.088**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886J1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**3170**	**17.6**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AQ**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**3.0**	**0.088**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886J1AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**24.5**	**0.88**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	**0.049 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AT**
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**35800**	**440**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AV**
		Dilution Factor: 1		MDL.....: 17.6		
Cadmium	**0.10**	**0.088**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**2.9**	**0.44**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**6.8**	**0.44**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**12.6**	**0.88**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**8960**	**8.8**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	10/19/07	J886J1AP
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

TOTAL Metals

Lot-Sample #...: A7J180159-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**519**	**440**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A4**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**12100**	**87.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**348 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**194**	**87.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A5**
		Dilution Factor: 1		MDL.....: 72.5		
Nickel	**11.9**	**0.88**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**10.8**	**0.26**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.17 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886J1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	ND	0.19	mg/kg	SW846 6020	10/19-10/22/07	J886J1AC
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.068 B**	**0.088**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886J1AE**
		Dilution Factor: 1		MDL.....: 0.0087		
Vanadium	**10**	**0.88**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886J1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**30.9 J**	**0.88**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886J1AF**
		Dilution Factor: 1		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

TOTAL Metals

Lot-Sample #...: A7J180159-006 **Matrix.....:** SO
Date Sampled...: 10/17/07 13:30 **Date Received..:** 10/18/07
% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**102**	**0.43**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886K1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7292028						
Silver	**0.18**	**0.086**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886K1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**10800**	**17.3**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1AQ**
		Dilution Factor: 1		MDL.....: 10.4		
Arsenic	**4.5**	**0.086**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886K1AA**
		Dilution Factor: 1		MDL.....: 0.067		
Barium	**139**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1AR**
		Dilution Factor: 1		MDL.....: 0.077		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/19/07	J886K1AT
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**32700**	**432**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1AV**
		Dilution Factor: 1		MDL.....: 17.3		
Cadmium	**0.11**	**0.086**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1AU**
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**65.4**	**0.43**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**103**	**0.43**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**65.6**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1AX**
		Dilution Factor: 1		MDL.....: 0.80		
Iron	**31100**	**8.6**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A0**
		Dilution Factor: 1		MDL.....: 5.3		
Mercury	**0.35**	**0.043**	**mg/kg**	**SW846 7471A**	**10/19/07**	**J886K1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

TOTAL Metals

Lot-Sample #...: A7J180159-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1290**	**432**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A4**
		Dilution Factor: 1		MDL.....: 6.7		
Magnesium	**3660**	**86.4**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A1**
		Dilution Factor: 1		MDL.....: 5.5		
Manganese	**2270 J**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A2**
		Dilution Factor: 1		MDL.....: 0.080		
Sodium	**852**	**86.4**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A5**
		Dilution Factor: 1		MDL.....: 71.3		
Nickel	**48.4**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**54.6**	**0.26**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.63 J**	**0.17**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886K1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.24**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886K1AC**
		Dilution Factor: 1		MDL.....: 0.097		
Thallium	**0.036 B**	**0.086**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886K1AE**
		Dilution Factor: 1		MDL.....: 0.0085		
Vanadium	**28.5**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886K1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**84.0 J**	**0.86**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886K1AF**
		Dilution Factor: 1		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

TOTAL Metals

Lot-Sample #...: A7J180159-007 **Matrix.....:** SO
Date Sampled...: 10/17/07 14:45 **Date Received..:** 10/18/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**16.3**	**0.45**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886L1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7292028						
Silver	**0.069 B**	**0.090**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886L1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**9940**	**18.0**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1AQ**
		Dilution Factor: 1		MDL.....: 10.8		
Arsenic	**4.6**	**0.090**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886L1AA**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**59.5**	**0.90**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1AR**
		Dilution Factor: 1		MDL.....: 0.080		
Beryllium	**0.14 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**12000**	**449**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1AV**
		Dilution Factor: 1		MDL.....: 18.0		
Cadmium	ND	0.090	mg/kg	SW846 6010B	10/19/07	J886L1AU
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**9.3**	**0.45**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**17.8**	**0.45**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**15.1**	**0.90**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1AX**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**19500**	**9.0**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A0**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.020 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/19/07**	**J886L1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

TOTAL Metals

Lot-Sample #...: A7J180159-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1250**	**449**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A4**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**5520**	**89.8**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**484 J**	**0.90**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A2**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	**1380**	**89.8**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A5**
		Dilution Factor: 1		MDL.....: 74.1		
Nickel	**19.8**	**0.90**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**8.9**	**0.27**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.14 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886L1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.11 B**	**0.19**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886L1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.12**	**0.090**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886L1AE**
		Dilution Factor: 1		MDL.....: 0.0089		
Vanadium	**25.0**	**0.90**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886L1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**35.1 J**	**0.90**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886L1AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

TOTAL Metals

Lot-Sample #...: A7J180159-008 **Matrix.....:** SO
Date Sampled...: 10/17/07 15:40 **Date Received..:** 10/18/07
% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**11.7**	**0.43**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886M1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7292028						
Silver	**0.038 B**	**0.086**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886M1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**1880**	**17.3**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1AQ**
		Dilution Factor: 1		MDL.....: 10.4		
Arsenic	**4.4**	**0.086**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886M1AA**
		Dilution Factor: 1		MDL.....: 0.067		
Barium	**14.7**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1AR**
		Dilution Factor: 1		MDL.....: 0.077		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/19/07	J886M1AT
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**102000**	**2160**	**mg/kg**	**SW846 6010B**	**10/19-10/22/07**	**J886M1AV**
		Dilution Factor: 5		MDL.....: 86.4		
Cadmium	**0.18**	**0.086**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1AU**
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**3.8**	**0.43**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**13.4**	**0.43**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**8.8**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1AX**
		Dilution Factor: 1		MDL.....: 0.80		
Iron	**8830**	**8.6**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A0**
		Dilution Factor: 1		MDL.....: 5.3		
Mercury	ND	0.043	mg/kg	SW846 7471A	10/19/07	J886M1AP
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

TOTAL Metals

Lot-Sample #...: A7J180159-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**468**	**432**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A4**
		Dilution Factor: 1		MDL.....: 6.7		
Magnesium	**39700**	**86.4**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A1**
		Dilution Factor: 1		MDL.....: 5.5		
Manganese	**541 J**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A2**
		Dilution Factor: 1		MDL.....: 0.080		
Sodium	**416**	**86.4**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A5**
		Dilution Factor: 1		MDL.....: 71.3		
Nickel	**10.4**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**4.9**	**0.26**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.11 B,J**	**0.17**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886M1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.18**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886M1AC**
		Dilution Factor: 1		MDL.....: 0.097		
Thallium	**0.21**	**0.086**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886M1AE**
		Dilution Factor: 1		MDL.....: 0.0085		
Vanadium	**16.0**	**0.86**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886M1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**27.7 J**	**0.86**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886M1AF**
		Dilution Factor: 1		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

TOTAL Metals

Lot-Sample #...: A7J180159-009 **Matrix.....:** SO
Date Sampled...: 10/17/07 16:15 **Date Received..:** 10/18/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**7.8**	**0.46**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886N1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7292028						
Silver	**0.086 B**	**0.092**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886N1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**4050**	**18.4**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AQ**
		Dilution Factor: 1		MDL.....: 11.1		
Arsenic	**4.4**	**0.092**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886N1AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**34.9**	**0.92**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AR**
		Dilution Factor: 1		MDL.....: 0.082		
Beryllium	**0.11 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AT**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**56000**	**461**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AV**
		Dilution Factor: 1		MDL.....: 18.4		
Cadmium	**0.062 B**	**0.092**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**6.1**	**0.46**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**8.5**	**0.46**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**27.5**	**0.92**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**12300**	**9.2**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	10/19/07	J886N1AP
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

TOTAL Metals

Lot-Sample #...: A7J180159-009 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1000**	**461**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**10800**	**92.2**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**339 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	**129**	**92.2**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A5**
		Dilution Factor: 1		MDL.....: 76.1		
Nickel	**13.0**	**0.92**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**14.3**	**0.28**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.11 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886N1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.12 B**	**0.20**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886N1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.14**	**0.092**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886N1AE**
		Dilution Factor: 1		MDL.....: 0.0091		
Vanadium	**12.4**	**0.92**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886N1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**44.1 J**	**0.92**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886N1AF**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

TOTAL Metals

Lot-Sample #...: A7J180159-012 **Matrix.....:** SO
Date Sampled...: 10/17/07 11:00 **Date Received..:** 10/18/07
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7292027						
Trivalent Chromium	**5.9**	**0.44**	**mg/kg**	**SW846 7196A**	**10/19/07**	**J886T1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7292028						
Silver	**0.057 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886T1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**4690**	**17.8**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1AQ**
		Dilution Factor: 1		MDL.....: 10.7		
Arsenic	**3.0**	**0.089**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886T1AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**44.1**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.11 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**8530**	**445**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1AV**
		Dilution Factor: 1		MDL.....: 17.8		
Cadmium	ND	0.089	mg/kg	SW846 6010B	10/19/07	J886T1AU
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**3.5**	**0.44**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**7.8**	**0.44**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**12.7**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1AX**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**13400**	**8.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.037 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/19/07**	**J886T1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

TOTAL Metals

Lot-Sample #...: A7J180159-012 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**512**	**445**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**2370**	**88.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**143 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A2**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**365**	**88.9**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A5**
		Dilution Factor: 1		MDL.....: 73.4		
Nickel	**7.8**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**38.9**	**0.27**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.16 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/19-10/23/07**	**J886T1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.30**	**0.19**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886T1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.038 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886T1AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**11.1**	**0.89**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J886T1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**33.0 J**	**0.89**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J886T1AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-067

General Chemistry

Lot-Sample #...: A7J180159-001 **Work Order #...:** J886A **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
% Moisture.....: 5.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.13 B**	**0.21**	**mg/kg**	**SW846 9012A**	**10/24/07**	**7297425**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.47 B,J**	**0.85**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**94.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-069

General Chemistry

Lot-Sample #...: A7J180159-002 **Work Order #...:** J886F **Matrix.....:** SO
Date Sampled...: 10/17/07 10:50 **Date Received..:** 10/18/07
% Moisture.....: 9.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.13 B**	**0.22**	**mg/kg**	**SW846 9012A**	**10/24/07**	**7297425**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.9 J**	**0.89**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-073

General Chemistry

Lot-Sample #...: A7J180159-003 **Work Order #...:** J886G **Matrix.....:** SO
Date Sampled...: 10/17/07 11:25 **Date Received..:** 10/18/07
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.93	mg/kg	SW846 7196A	10/22-10/23/07	7295354
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-072

General Chemistry

Lot-Sample #...: A7J180159-005 **Work Order #...:** J886J **Matrix.....:** SO
Date Sampled...: 10/17/07 12:45 **Date Received..:** 10/18/07
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.54 B,J**	**0.88**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

General Chemistry

Lot-Sample #...: A7J180159-006 **Work Order #...:** J886K **Matrix.....:** SO
Date Sampled...: 10/17/07 13:30 **Date Received..:** 10/18/07
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.5 J**	**0.86**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-080

General Chemistry

Lot-Sample #...: A7J180159-007 **Work Order #...:** J886L **Matrix.....:** SO
Date Sampled...: 10/17/07 14:45 **Date Received..:** 10/18/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.4 J**	**0.90**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**89.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-082

General Chemistry

Lot-Sample #...: A7J180159-008 **Work Order #...:** J886M **Matrix.....:** SO
Date Sampled...: 10/17/07 15:40 **Date Received..:** 10/18/07
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.8 J**	**0.86**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-083

General Chemistry

Lot-Sample #...: A7J180159-009 **Work Order #...:** J886N **Matrix.....:** SO
Date Sampled...: 10/17/07 16:15 **Date Received..:** 10/18/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.76 B,J**	**0.92**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-070

General Chemistry

Lot-Sample #...: A7J180159-012 **Work Order #...:** J886T **Matrix.....:** SO
Date Sampled...: 10/17/07 11:00 **Date Received..:** 10/18/07
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.9 J**	**0.89**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292458**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J240000-370

Prep Date.....: 10/23/07
Analysis Date..: 10/23/07 **Prep Batch #...:** 7297370
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**1.2 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J250000-305

Prep Date.....: 10/24/07
Analysis Date..: 10/24/07 **Prep Batch #...:** 7298305
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	**0.37 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**1.4 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
Toluene-d8	78	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J240000-370 J9PMJ1AD-LCSD
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	51	ug/kg	103		SW846 8260B
	50	55	ug/kg	110	6.7	SW846 8260B
Benzene	**50**	**55**	**ug/kg**	**109**		**SW846 8260B**
	50	**56**	**ug/kg**	**111**	**1.8**	**SW846 8260B**
Bromodichloromethane	50	56	ug/kg	113		SW846 8260B
	50	56	ug/kg	113	0.060	SW846 8260B
Bromoform	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	108	1.6	SW846 8260B
Bromomethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.090	SW846 8260B
2-Butanone	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	109	1.9	SW846 8260B
Carbon disulfide	50	56	ug/kg	113		SW846 8260B
	50	57	ug/kg	114	1.0	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	111		SW846 8260B
	50	57	ug/kg	114	2.6	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**52**	**ug/kg**	**104**	**4.2**	**SW846 8260B**
Dibromochloromethane	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	108	4.2	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	99	1.6	SW846 8260B
Chloroethane	50	55	ug/kg	109		SW846 8260B
	50	55	ug/kg	110	1.1	SW846 8260B
Chloroform	50	57	ug/kg	113		SW846 8260B
	50	56	ug/kg	112	1.4	SW846 8260B
Chloromethane	50	42	ug/kg	85		SW846 8260B
	50	43	ug/kg	85	0.16	SW846 8260B
Cyclohexane	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	103	1.5	SW846 8260B
1,2-Dibromoethane	50	51	ug/kg	102		SW846 8260B
	50	54	ug/kg	108	5.1	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	95		SW846 8260B
	50	50	ug/kg	100	4.6	SW846 8260B
1,3-Dichlorobenzene	50	47	ug/kg	95		SW846 8260B
	50	52	ug/kg	104	9.1	SW846 8260B
1,4-Dichlorobenzene	50	46	ug/kg	92		SW846 8260B
	50	50	ug/kg	101	9.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J240000-370 J9PMJ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	35	ug/kg	71		SW846 8260B
	50	36	ug/kg	71	0.88	SW846 8260B
1,1-Dichloroethane	50	57	ug/kg	114		SW846 8260B
	50	58	ug/kg	115	0.92	SW846 8260B
1,2-Dichloroethane	50	56	ug/kg	112		SW846 8260B
	50	57	ug/kg	113	1.1	SW846 8260B
1,1-Dichloroethene	**50**	**55**	**ug/kg**	**110**		**SW846 8260B**
	50	**55**	**ug/kg**	**109**	**0.46**	**SW846 8260B**
cis-1,2-Dichloroethene	50	57 a	ug/kg	115		SW846 8260B
	50	57 a	ug/kg	115	0.080	SW846 8260B
trans-1,2-Dichloroethene	50	56	ug/kg	111		SW846 8260B
	50	57	ug/kg	114	2.0	SW846 8260B
1,2-Dichloropropane	50	55	ug/kg	111		SW846 8260B
	50	56	ug/kg	111	0.70	SW846 8260B
cis-1,3-Dichloropropene	50	53	ug/kg	106		SW846 8260B
	50	56	ug/kg	112	5.6	SW846 8260B
trans-1,3-Dichloropropene	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	107	3.3	SW846 8260B
Ethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	107	3.9	SW846 8260B
Trichlorofluoromethane	50	62	ug/kg	125		SW846 8260B
	50	63	ug/kg	126	1.1	SW846 8260B
2-Hexanone	50	48	ug/kg	96		SW846 8260B
	50	50	ug/kg	100	4.0	SW846 8260B
Isopropylbenzene	50	58	ug/kg	117		SW846 8260B
	50	61	ug/kg	122	4.9	SW846 8260B
Methyl acetate	50	59	ug/kg	118		SW846 8260B
	50	61	ug/kg	122	3.6	SW846 8260B
Methylcyclohexane	50	51	ug/kg	103		SW846 8260B
	50	54	ug/kg	108	4.9	SW846 8260B
Methylene chloride	50	59	ug/kg	118		SW846 8260B
	50	58	ug/kg	117	0.82	SW846 8260B
4-Methyl-2-pentanone	50	54	ug/kg	107		SW846 8260B
	50	56	ug/kg	111	3.7	SW846 8260B
Styrene	50	54	ug/kg	108		SW846 8260B
	50	56	ug/kg	112	3.6	SW846 8260B
1,1,2,2-Tetrachloroethane	50	50	ug/kg	99		SW846 8260B
	50	50	ug/kg	101	1.6	SW846 8260B
Tetrachloroethene	50	49	ug/kg	99		SW846 8260B
	50	53	ug/kg	106	7.3	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**52**	**ug/kg**	**104**	**2.6**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J240000-370 J9PMJ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	49	ug/kg	98		SW846 8260B
	50	55	ug/kg	111	13	SW846 8260B
1,1,1-Trichloroethane	50	59	ug/kg	118		SW846 8260B
	50	59	ug/kg	118	0.11	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	101		SW846 8260B
	50	52	ug/kg	104	2.5	SW846 8260B
Trichloroethene	**50**	**54**	**ug/kg**	**108**		**SW846 8260B**
	50	**55**	**ug/kg**	**110**	**2.3**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	60	ug/kg	121		SW846 8260B
	50	62	ug/kg	124	2.7	SW846 8260B
1,2,4-Trimethylbenzene	50	49	ug/kg	97		SW846 8260B
	50	53	ug/kg	105	8.3	SW846 8260B
1,3,5-Trimethylbenzene	50	49	ug/kg	99		SW846 8260B
	50	53	ug/kg	106	6.8	SW846 8260B
Vinyl chloride	50	45	ug/kg	90		SW846 8260B
	50	45	ug/kg	90	0.74	SW846 8260B
Xylenes (total)	150	150	ug/kg	103		SW846 8260B
	150	160	ug/kg	108	5.2	SW846 8260B
Methyl tert-butyl ether	50	55	ug/kg	111		SW846 8260B
	50	56	ug/kg	113	2.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
	92	(61 - 130)
Toluene-d8	84	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	90	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J240000-370 J9PMJ1AD-LCSD
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	103	(58 - 130)			SW846 8260B
	110	(58 - 130)	6.7	(0-30)	SW846 8260B
Benzene	**109**	**(75 - 129)**			**SW846 8260B**
	111	**(75 - 129)**	**1.8**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	113	(72 - 125)			SW846 8260B
	113	(72 - 125)	0.060	(0-30)	SW846 8260B
Bromoform	106	(43 - 149)			SW846 8260B
	108	(43 - 149)	1.6	(0-30)	SW846 8260B
Bromomethane	103	(24 - 152)			SW846 8260B
	103	(24 - 152)	0.090	(0-30)	SW846 8260B
2-Butanone	106	(27 - 200)			SW846 8260B
	109	(27 - 200)	1.9	(0-46)	SW846 8260B
Carbon disulfide	113	(50 - 137)			SW846 8260B
	114	(50 - 137)	1.0	(0-30)	SW846 8260B
Carbon tetrachloride	111	(57 - 137)			SW846 8260B
	114	(57 - 137)	2.6	(0-30)	SW846 8260B
Chlorobenzene	**100**	**(75 - 127)**			**SW846 8260B**
	104	**(75 - 127)**	**4.2**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	104	(49 - 135)			SW846 8260B
	108	(49 - 135)	4.2	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	98	(50 - 150)			SW846 8260B
	99	(50 - 150)	1.6	(0-30)	SW846 8260B
Chloroethane	109	(31 - 144)			SW846 8260B
	110	(31 - 144)	1.1	(0-30)	SW846 8260B
Chloroform	113	(73 - 115)			SW846 8260B
	112	(73 - 115)	1.4	(0-30)	SW846 8260B
Chloromethane	85	(15 - 136)			SW846 8260B
	85	(15 - 136)	0.16	(0-30)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.5	(0-20)	SW846 8260B
1,2-Dibromoethane	102	(50 - 150)			SW846 8260B
	108	(50 - 150)	5.1	(0-30)	SW846 8260B
1,2-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	100	(50 - 150)	4.6	(0-30)	SW846 8260B
1,3-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	104	(50 - 150)	9.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	92	(50 - 150)			SW846 8260B
	101	(50 - 150)	9.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J240000-370 J9PMJ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	71	(50 - 150)			SW846 8260B
	71	(50 - 150)	0.88	(0-20)	SW846 8260B
1,1-Dichloroethane	114	(77 - 119)			SW846 8260B
	115	(77 - 119)	0.92	(0-30)	SW846 8260B
1,2-Dichloroethane	112	(78 - 121)			SW846 8260B
	113	(78 - 121)	1.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**110**	**(55 - 142)**			**SW846 8260B**
	109	**(55 - 142)**	**0.46**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	115 a	(77 - 114)			SW846 8260B
	115 a	(77 - 114)	0.080	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	111	(68 - 117)			SW846 8260B
	114	(68 - 117)	2.0	(0-30)	SW846 8260B
1,2-Dichloropropane	111	(78 - 116)			SW846 8260B
	111	(78 - 116)	0.70	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	106	(71 - 125)			SW846 8260B
	112	(71 - 125)	5.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	103	(67 - 125)			SW846 8260B
	107	(67 - 125)	3.3	(0-30)	SW846 8260B
Ethylbenzene	102	(79 - 114)			SW846 8260B
	107	(79 - 114)	3.9	(0-30)	SW846 8260B
Trichlorofluoromethane	125	(50 - 150)			SW846 8260B
	126	(50 - 150)	1.1	(0-20)	SW846 8260B
2-Hexanone	96	(29 - 200)			SW846 8260B
	100	(29 - 200)	4.0	(0-41)	SW846 8260B
Isopropylbenzene	117	(50 - 150)			SW846 8260B
	122	(50 - 150)	4.9	(0-20)	SW846 8260B
Methyl acetate	118	(50 - 150)			SW846 8260B
	122	(50 - 150)	3.6	(0-20)	SW846 8260B
Methylcyclohexane	103	(50 - 150)			SW846 8260B
	108	(50 - 150)	4.9	(0-20)	SW846 8260B
Methylene chloride	118	(58 - 130)			SW846 8260B
	117	(58 - 130)	0.82	(0-30)	SW846 8260B
4-Methyl-2-pentanone	107	(68 - 142)			SW846 8260B
	111	(68 - 142)	3.7	(0-60)	SW846 8260B
Styrene	108	(80 - 114)			SW846 8260B
	112	(80 - 114)	3.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	99	(70 - 133)			SW846 8260B
	101	(70 - 133)	1.6	(0-30)	SW846 8260B
Tetrachloroethene	99	(72 - 120)			SW846 8260B
	106	(72 - 120)	7.3	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	104	**(71 - 130)**	**2.6**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9PMJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J240000-370 J9PMJ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	98	(50 - 150)			SW846 8260B
	111	(50 - 150)	13	(0-20)	SW846 8260B
1,1,1-Trichloroethane	118	(67 - 123)			SW846 8260B
	118	(67 - 123)	0.11	(0-30)	SW846 8260B
1,1,2-Trichloroethane	101	(82 - 116)			SW846 8260B
	104	(82 - 116)	2.5	(0-30)	SW846 8260B
Trichloroethene	**108**	**(70 - 131)**			**SW846 8260B**
	110	**(70 - 131)**	**2.3**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	121	(50 - 150)			SW846 8260B
	124	(50 - 150)	2.7	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	105	(70 - 130)	8.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	99	(70 - 130)			SW846 8260B
	106	(70 - 130)	6.8	(0-30)	SW846 8260B
Vinyl chloride	90	(24 - 152)			SW846 8260B
	90	(24 - 152)	0.74	(0-30)	SW846 8260B
Xylenes (total)	103	(80 - 114)			SW846 8260B
	108	(80 - 114)	5.2	(0-30)	SW846 8260B
Methyl tert-butyl ether	111	(70 - 130)			SW846 8260B
	113	(70 - 130)	2.0	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
	92	(61 - 130)
Toluene-d8	84	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	90	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J250000-305 J9TDG1AD-LCSD
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	60	ug/kg	120		SW846 8260B
	50	55	ug/kg	109	9.1	SW846 8260B
Benzene	**50**	**54**	**ug/kg**	**108**		**SW846 8260B**
	50	**55**	**ug/kg**	**111**	**2.9**	**SW846 8260B**
Bromodichloromethane	50	57	ug/kg	114		SW846 8260B
	50	58	ug/kg	116	2.0	SW846 8260B
Bromoform	50	57	ug/kg	113		SW846 8260B
	50	55	ug/kg	111	2.3	SW846 8260B
Bromomethane	50	48	ug/kg	96		SW846 8260B
	50	52	ug/kg	105	8.2	SW846 8260B
2-Butanone	50	62	ug/kg	123		SW846 8260B
	50	56	ug/kg	113	8.9	SW846 8260B
Carbon disulfide	50	54	ug/kg	108		SW846 8260B
	50	57	ug/kg	115	6.2	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	110		SW846 8260B
	50	59	ug/kg	119	7.5	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**0.21**	**SW846 8260B**
Dibromochloromethane	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.090	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	55	ug/kg	109		SW846 8260B
	50	52	ug/kg	104	5.3	SW846 8260B
Chloroethane	50	52	ug/kg	104		SW846 8260B
	50	56	ug/kg	112	7.4	SW846 8260B
Chloroform	50	56	ug/kg	112		SW846 8260B
	50	58 a	ug/kg	116	3.6	SW846 8260B
Chloromethane	50	40	ug/kg	80		SW846 8260B
	50	42	ug/kg	85	6.1	SW846 8260B
Cyclohexane	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	107	4.6	SW846 8260B
1,2-Dibromoethane	50	54	ug/kg	108		SW846 8260B
	50	51	ug/kg	103	4.9	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	97		SW846 8260B
	50	48	ug/kg	96	1.0	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	97	0.17	SW846 8260B
1,4-Dichlorobenzene	50	48	ug/kg	95		SW846 8260B
	50	47	ug/kg	95	0.40	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J250000-305 J9TDG1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	33	ug/kg	66		SW846 8260B
	50	35	ug/kg	69	4.9	SW846 8260B
1,1-Dichloroethane	50	57	ug/kg	113		SW846 8260B
	50	59	ug/kg	118	4.4	SW846 8260B
1,2-Dichloroethane	50	59	ug/kg	119		SW846 8260B
	50	59	ug/kg	119	0.17	SW846 8260B
1,1-Dichloroethene	**50**	**54**	**ug/kg**	**107**		**SW846 8260B**
	50	**57**	**ug/kg**	**114**	**5.8**	**SW846 8260B**
cis-1,2-Dichloroethene	50	56	ug/kg	112		SW846 8260B
	50	58 a	ug/kg	116	2.7	SW846 8260B
trans-1,2-Dichloroethene	50	55	ug/kg	109		SW846 8260B
	50	56	ug/kg	112	2.3	SW846 8260B
1,2-Dichloropropane	50	56	ug/kg	112		SW846 8260B
	50	57	ug/kg	114	1.6	SW846 8260B
cis-1,3-Dichloropropene	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	114	0.57	SW846 8260B
trans-1,3-Dichloropropene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	0.37	SW846 8260B
Ethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	101	0.58	SW846 8260B
Trichlorofluoromethane	50	59	ug/kg	117		SW846 8260B
	50	62	ug/kg	124	5.5	SW846 8260B
2-Hexanone	50	57	ug/kg	113		SW846 8260B
	50	50	ug/kg	100	13	SW846 8260B
Isopropylbenzene	50	58	ug/kg	116		SW846 8260B
	50	58	ug/kg	117	0.34	SW846 8260B
Methyl acetate	50	70	ug/kg	140		SW846 8260B
	50	62	ug/kg	124	12	SW846 8260B
Methylcyclohexane	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	108	3.7	SW846 8260B
Methylene chloride	50	57	ug/kg	113		SW846 8260B
	50	59	ug/kg	117	3.6	SW846 8260B
4-Methyl-2-pentanone	50	63	ug/kg	125		SW846 8260B
	50	57	ug/kg	113	10	SW846 8260B
Styrene	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	0.63	SW846 8260B
1,1,2,2-Tetrachloroethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	103	1.4	SW846 8260B
Tetrachloroethene	50	50	ug/kg	99		SW846 8260B
	50	51	ug/kg	102	3.1	SW846 8260B
Toluene	**50**	**49**	**ug/kg**	**99**		**SW846 8260B**
	50	**50**	**ug/kg**	**101**	**2.1**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J250000-305 J9TDG1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	52	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	0.87	SW846 8260B
1,1,1-Trichloroethane	50	59	ug/kg	119		SW846 8260B
	50	62 a	ug/kg	124	4.0	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	103	0.43	SW846 8260B
Trichloroethene	**50**	**55**	**ug/kg**	**110**		**SW846 8260B**
	50	**55**	**ug/kg**	**110**	**0.13**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	58	ug/kg	117		SW846 8260B
	50	62	ug/kg	124	6.2	SW846 8260B
1,2,4-Trimethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	101	0.22	SW846 8260B
1,3,5-Trimethylbenzene	50	51	ug/kg	101		SW846 8260B
	50	51	ug/kg	103	1.3	SW846 8260B
Vinyl chloride	50	44	ug/kg	88		SW846 8260B
	50	47	ug/kg	93	5.7	SW846 8260B
Xylenes (total)	150	150	ug/kg	103		SW846 8260B
	150	150	ug/kg	103	0.13	SW846 8260B
Methyl tert-butyl ether	50	61	ug/kg	123		SW846 8260B
	50	60	ug/kg	119	3.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(59 - 138)
	88	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
	87	(61 - 130)
Toluene-d8	83	(60 - 143)
	83	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J250000-305 J9TDG1AD-LCSD
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	120	(58 - 130)			SW846 8260B
	109	(58 - 130)	9.1	(0-30)	SW846 8260B
Benzene	**108**	**(75 - 129)**			**SW846 8260B**
	111	**(75 - 129)**	**2.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	114	(72 - 125)			SW846 8260B
	116	(72 - 125)	2.0	(0-30)	SW846 8260B
Bromoform	113	(43 - 149)			SW846 8260B
	111	(43 - 149)	2.3	(0-30)	SW846 8260B
Bromomethane	96	(24 - 152)			SW846 8260B
	105	(24 - 152)	8.2	(0-30)	SW846 8260B
2-Butanone	123	(27 - 200)			SW846 8260B
	113	(27 - 200)	8.9	(0-46)	SW846 8260B
Carbon disulfide	108	(50 - 137)			SW846 8260B
	115	(50 - 137)	6.2	(0-30)	SW846 8260B
Carbon tetrachloride	110	(57 - 137)			SW846 8260B
	119	(57 - 137)	7.5	(0-30)	SW846 8260B
Chlorobenzene	**100**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**0.21**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	108	(49 - 135)			SW846 8260B
	108	(49 - 135)	0.090	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	109	(50 - 150)			SW846 8260B
	104	(50 - 150)	5.3	(0-30)	SW846 8260B
Chloroethane	104	(31 - 144)			SW846 8260B
	112	(31 - 144)	7.4	(0-30)	SW846 8260B
Chloroform	112	(73 - 115)			SW846 8260B
	116 a	(73 - 115)	3.6	(0-30)	SW846 8260B
Chloromethane	80	(15 - 136)			SW846 8260B
	85	(15 - 136)	6.1	(0-30)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	107	(50 - 150)	4.6	(0-20)	SW846 8260B
1,2-Dibromoethane	108	(50 - 150)			SW846 8260B
	103	(50 - 150)	4.9	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	96	(50 - 150)	1.0	(0-30)	SW846 8260B
1,3-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.17	(0-20)	SW846 8260B
1,4-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	95	(50 - 150)	0.40	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J250000-305 J9TDG1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	66	(50 - 150)			SW846 8260B
	69	(50 - 150)	4.9	(0-20)	SW846 8260B
1,1-Dichloroethane	113	(77 - 119)			SW846 8260B
	118	(77 - 119)	4.4	(0-30)	SW846 8260B
1,2-Dichloroethane	119	(78 - 121)			SW846 8260B
	119	(78 - 121)	0.17	(0-30)	SW846 8260B
1,1-Dichloroethene	**107**	**(55 - 142)**			**SW846 8260B**
	114	**(55 - 142)**	**5.8**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	112	(77 - 114)			SW846 8260B
	116 a	(77 - 114)	2.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	109	(68 - 117)			SW846 8260B
	112	(68 - 117)	2.3	(0-30)	SW846 8260B
1,2-Dichloropropane	112	(78 - 116)			SW846 8260B
	114	(78 - 116)	1.6	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	114	(71 - 125)			SW846 8260B
	114	(71 - 125)	0.57	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	108	(67 - 125)			SW846 8260B
	107	(67 - 125)	0.37	(0-30)	SW846 8260B
Ethylbenzene	100	(79 - 114)			SW846 8260B
	101	(79 - 114)	0.58	(0-30)	SW846 8260B
Trichlorofluoromethane	117	(50 - 150)			SW846 8260B
	124	(50 - 150)	5.5	(0-20)	SW846 8260B
2-Hexanone	113	(29 - 200)			SW846 8260B
	100	(29 - 200)	13	(0-41)	SW846 8260B
Isopropylbenzene	116	(50 - 150)			SW846 8260B
	117	(50 - 150)	0.34	(0-20)	SW846 8260B
Methyl acetate	140	(50 - 150)			SW846 8260B
	124	(50 - 150)	12	(0-20)	SW846 8260B
Methylcyclohexane	104	(50 - 150)			SW846 8260B
	108	(50 - 150)	3.7	(0-20)	SW846 8260B
Methylene chloride	113	(58 - 130)			SW846 8260B
	117	(58 - 130)	3.6	(0-30)	SW846 8260B
4-Methyl-2-pentanone	125	(68 - 142)			SW846 8260B
	113	(68 - 142)	10	(0-60)	SW846 8260B
Styrene	107	(80 - 114)			SW846 8260B
	106	(80 - 114)	0.63	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(70 - 133)			SW846 8260B
	103	(70 - 133)	1.4	(0-30)	SW846 8260B
Tetrachloroethene	99	(72 - 120)			SW846 8260B
	102	(72 - 120)	3.1	(0-30)	SW846 8260B
Toluene	**99**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**2.1**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J180159 **Work Order #...:** J9TDG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J250000-305 J9TDG1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	0.87	(0-20)	SW846 8260B
1,1,1-Trichloroethane	119	(67 - 123)			SW846 8260B
	124 a	(67 - 123)	4.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(82 - 116)			SW846 8260B
	103	(82 - 116)	0.43	(0-30)	SW846 8260B
Trichloroethene	**110**	**(70 - 131)**			**SW846 8260B**
	110	**(70 - 131)**	**0.13**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	117	(50 - 150)			SW846 8260B
	124	(50 - 150)	6.2	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.22	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	101	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.3	(0-30)	SW846 8260B
Vinyl chloride	88	(24 - 152)			SW846 8260B
	93	(24 - 152)	5.7	(0-30)	SW846 8260B
Xylenes (total)	103	(80 - 114)			SW846 8260B
	103	(80 - 114)	0.13	(0-30)	SW846 8260B
Methyl tert-butyl ether	123	(70 - 130)			SW846 8260B
	119	(70 - 130)	3.0	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(59 - 138)
	88	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
	87	(61 - 130)
Toluene-d8	83	(60 - 143)
	83	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J180000-353

Prep Date.....: 10/18/07
Analysis Date..: 10/19/07 **Prep Batch #...:** 7291353
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	83	(24 - 112)
2-Fluorobiphenyl	85	(34 - 110)
Terphenyl-d14	109	(41 - 119)
Phenol-d5	89	(28 - 110)
2-Fluorophenol	91	(26 - 110)
2,4,6-Tribromophenol	86	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-353
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291353
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyridine	670	340	ug/kg	51	SW846 8270C
bis(2-Chloroisopropyl) ether	670	480	ug/kg	72	SW846 8270C
Acenaphthene	**670**	**510**	**ug/kg**	**77**	**SW846 8270C**
Acenaphthylene	670	550	ug/kg	82	SW846 8270C
Acetophenone	670	460	ug/kg	70	SW846 8270C
Anthracene	670	610	ug/kg	91	SW846 8270C
Atrazine	670	750	ug/kg	113	SW846 8270C
Benzo(a)anthracene	670	580	ug/kg	87	SW846 8270C
Benzo(a)pyrene	670	610	ug/kg	92	SW846 8270C
Benzo(b)fluoranthene	670	660	ug/kg	99	SW846 8270C
Benzo(ghi)perylene	670	620	ug/kg	93	SW846 8270C
Benzo(k)fluoranthene	670	560	ug/kg	83	SW846 8270C
Benzaldehyde	670	520	ug/kg	78	SW846 8270C
1,1'-Biphenyl	670	500	ug/kg	74	SW846 8270C
bis(2-Chloroethoxy) methane	670	510	ug/kg	77	SW846 8270C
bis(2-Chloroethyl)- ether	670	530	ug/kg	79	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	620	ug/kg	93	SW846 8270C
4-Bromophenyl phenyl ether	670	640	ug/kg	96	SW846 8270C
Butyl benzyl phthalate	670	630	ug/kg	95	SW846 8270C
Caprolactam	670	620	ug/kg	93	SW846 8270C
Carbazole	670	620	ug/kg	93	SW846 8270C
4-Chloroaniline	670	290	ug/kg	43	SW846 8270C
4-Chloro-3-methylphenol	**670**	**550**	**ug/kg**	**82**	**SW846 8270C**
2-Chloronaphthalene	670	530	ug/kg	80	SW846 8270C
2-Chlorophenol	**670**	**500**	**ug/kg**	**76**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	610	ug/kg	92	SW846 8270C
Chrysene	670	600	ug/kg	91	SW846 8270C
Dibenz(a,h)anthracene	670	630	ug/kg	94	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-353

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	560	ug/kg	84	SW846 8270C
3,3'-Dichlorobenzidine	670	340	ug/kg	50	SW846 8270C
2,4-Dichlorophenol	670	520	ug/kg	79	SW846 8270C
Diethyl phthalate	670	610	ug/kg	91	SW846 8270C
2,4-Dimethylphenol	670	460	ug/kg	68	SW846 8270C
Dimethyl phthalate	670	600	ug/kg	90	SW846 8270C
Di-n-butyl phthalate	670	680	ug/kg	102	SW846 8270C
4,6-Dinitro-2-methylphenol	670	430	ug/kg	65	SW846 8270C
2,4-Dinitrophenol	670	300	ug/kg	46	SW846 8270C
2,4-Dinitrotoluene	**670**	**650**	**ug/kg**	**98**	**SW846 8270C**
2,6-Dinitrotoluene	670	640	ug/kg	97	SW846 8270C
Di-n-octyl phthalate	670	620	ug/kg	94	SW846 8270C
Fluoranthene	670	660	ug/kg	99	SW846 8270C
Fluorene	670	550	ug/kg	82	SW846 8270C
Hexachlorobenzene	670	600	ug/kg	89	SW846 8270C
Hexachlorobutadiene	670	550	ug/kg	83	SW846 8270C
Hexachlorocyclopenta-diene	670	400	ug/kg	60	SW846 8270C
Hexachloroethane	670	490	ug/kg	73	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	630	ug/kg	94	SW846 8270C
Isophorone	670	560	ug/kg	84	SW846 8270C
2-Methylnaphthalene	670	560	ug/kg	84	SW846 8270C
2-Methylphenol	670	500	ug/kg	75	SW846 8270C
4-Methylphenol	670	1000 a	ug/kg	153	SW846 8270C
Naphthalene	670	500	ug/kg	76	SW846 8270C
2-Nitroaniline	670	580	ug/kg	87	SW846 8270C
3-Nitroaniline	670	500	ug/kg	75	SW846 8270C
4-Nitroaniline	670	590	ug/kg	88	SW846 8270C
Nitrobenzene	670	500	ug/kg	75	SW846 8270C
2-Nitrophenol	670	510	ug/kg	77	SW846 8270C
4-Nitrophenol	**670**	**510**	**ug/kg**	**76**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**500**	**ug/kg**	**76**	**SW846 8270C**
N-Nitrosodiphenylamine	670	610	ug/kg	91	SW846 8270C
Pentachlorophenol	**670**	**270**	**ug/kg**	**40**	**SW846 8270C**
Phenanthrene	670	580	ug/kg	87	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-353

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
Pyrene	**670**	**630**	**ug/kg**	**94**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	550	ug/kg	82	SW846 8270C
2,4,6-Trichloro-phenol	670	550	ug/kg	83	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	96	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	85	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-353
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291353
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyridine	51	(22 - 110)	SW846 8270C
bis(2-Chloroisopropyl) ether	72	(36 - 116)	SW846 8270C
Acenaphthene	**77**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	82	(47 - 110)	SW846 8270C
Acetophenone	70	(50 - 130)	SW846 8270C
Anthracene	91	(56 - 111)	SW846 8270C
Atrazine	113	(50 - 130)	SW846 8270C
Benzo(a)anthracene	87	(58 - 111)	SW846 8270C
Benzo(a)pyrene	92	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	99	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	93	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	83	(38 - 122)	SW846 8270C
Benzaldehyde	78	(10 - 130)	SW846 8270C
1,1'-Biphenyl	74	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	77	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	79	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	93	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	96	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	95	(57 - 121)	SW846 8270C
Caprolactam	93	(50 - 130)	SW846 8270C
Carbazole	93	(56 - 115)	SW846 8270C
4-Chloroaniline	43	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**82**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	80	(46 - 110)	SW846 8270C
2-Chlorophenol	**76**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	92	(53 - 110)	SW846 8270C
Chrysene	91	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	94	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-353

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	84	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	50	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	79	(40 - 110)	SW846 8270C
Diethyl phthalate	91	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	68	(28 - 110)	SW846 8270C
Dimethyl phthalate	90	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	102	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	65	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	46	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**98**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	97	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	94	(45 - 123)	SW846 8270C
Fluoranthene	99	(55 - 118)	SW846 8270C
Fluorene	82	(51 - 110)	SW846 8270C
Hexachlorobenzene	89	(51 - 110)	SW846 8270C
Hexachlorobutadiene	83	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	60	(10 - 110)	SW846 8270C
Hexachloroethane	73	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	94	(45 - 121)	SW846 8270C
Isophorone	84	(46 - 117)	SW846 8270C
2-Methylnaphthalene	84	(46 - 110)	SW846 8270C
2-Methylphenol	75	(36 - 110)	SW846 8270C
4-Methylphenol	153 a	(40 - 110)	SW846 8270C
Naphthalene	76	(42 - 110)	SW846 8270C
2-Nitroaniline	87	(47 - 124)	SW846 8270C
3-Nitroaniline	75	(44 - 110)	SW846 8270C
4-Nitroaniline	88	(50 - 110)	SW846 8270C
Nitrobenzene	75	(40 - 110)	SW846 8270C
2-Nitrophenol	77	(35 - 110)	SW846 8270C
4-Nitrophenol	**76**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**76**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	91	(54 - 112)	SW846 8270C
Pentachlorophenol	**40**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	87	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AD1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-353

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**74**	**(39 - 110)**	**SW846 8270C**
Pyrene	**94**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	82	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	83	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	96	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	85	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD
Date Sampled...: 10/17/07 10:40 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291353
Dilution Factor: 1 **% Moisture.....:** 7.4

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	720	460	ug/kg	65		SW846 8270C
	ND	720	480	ug/kg	67	2.8	SW846 8270C
Pyridine	ND	720	290	ug/kg	41		SW846 8270C
	ND	720	320	ug/kg	45	8.7	SW846 8270C
Acenaphthene	**ND**	**720**	**550**	**ug/kg**	**76**		**SW846 8270C**
	ND	**720**	**530**	**ug/kg**	**73**	**4.1**	**SW846 8270C**
Acenaphthylene	ND	720	580	ug/kg	81		SW846 8270C
	ND	720	560	ug/kg	79	3.6	SW846 8270C
Acetophenone	ND	720	480	ug/kg	67		SW846 8270C
	ND	720	520	ug/kg	73	8.5	SW846 8270C
Anthracene	ND	720	610	ug/kg	85		SW846 8270C
	ND	720	590	ug/kg	82	3.6	SW846 8270C
Atrazine	ND	720	740	ug/kg	103		SW846 8270C
	ND	720	770	ug/kg	108	4.3	SW846 8270C
Benzo(a)anthracene	ND	720	570	ug/kg	79		SW846 8270C
	ND	720	540	ug/kg	75	4.8	SW846 8270C
Benzo(a)pyrene	ND	720	590	ug/kg	83		SW846 8270C
	ND	720	570	ug/kg	79	4.9	SW846 8270C
Benzo(b)fluoranthene	ND	720	570	ug/kg	79		SW846 8270C
	ND	720	580	ug/kg	82	3.1	SW846 8270C
Benzo(ghi)perylene	ND	720	600	ug/kg	83		SW846 8270C
	ND	720	550	ug/kg	77	8.4	SW846 8270C
Benzo(k)fluoranthene	ND	720	580	ug/kg	81		SW846 8270C
	ND	720	520	ug/kg	72	12	SW846 8270C
Benzaldehyde	ND	720	510	ug/kg	71		SW846 8270C
	ND	720	570	ug/kg	80	12	SW846 8270C
1,1'-Biphenyl	ND	720	540	ug/kg	75		SW846 8270C
	ND	720	550	ug/kg	77	2.5	SW846 8270C
bis(2-Chloroethoxy) methane	ND	720	550	ug/kg	77		SW846 8270C
	ND	720	530	ug/kg	75	3.4	SW846 8270C
bis(2-Chloroethyl)-ether	ND	720	510	ug/kg	70		SW846 8270C
	ND	720	530	ug/kg	73	3.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	20	720	610	ug/kg	82		SW846 8270C
	20	720	580	ug/kg	79	3.9	SW846 8270C
4-Bromophenyl phenyl ether	ND	720	630	ug/kg	88		SW846 8270C
	ND	720	620	ug/kg	86	2.4	SW846 8270C
Butyl benzyl phthalate	ND	720	610	ug/kg	85		SW846 8270C
	ND	720	590	ug/kg	82	2.9	SW846 8270C
Caprolactam	ND	720	480	ug/kg	67		SW846 8270C
	ND	720	620	ug/kg	87	26	SW846 8270C
Carbazole	ND	720	620	ug/kg	86		SW846 8270C
	ND	720	580	ug/kg	81	6.0	SW846 8270C
4-Chloroaniline	ND	720	320	ug/kg	44		SW846 8270C
	ND	720	330	ug/kg	46	4.6	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**720**	**580**	**ug/kg**	**81**		**SW846 8270C**
	ND	**720**	**540**	**ug/kg**	**76**	**6.5**	**SW846 8270C**
2-Chloronaphthalene	ND	720	570	ug/kg	79		SW846 8270C
	ND	720	550	ug/kg	77	3.1	SW846 8270C
2-Chlorophenol	**ND**	**720**	**500**	**ug/kg**	**70**		**SW846 8270C**
	ND	**720**	**500**	**ug/kg**	**70**	**0.18**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	720	650	ug/kg	90		SW846 8270C
	ND	720	620	ug/kg	87	4.1	SW846 8270C
Chrysene	ND	720	600	ug/kg	83		SW846 8270C
	ND	720	580	ug/kg	82	2.2	SW846 8270C
Dibenz(a,h)anthracene	ND	720	600	ug/kg	84		SW846 8270C
	ND	720	570	ug/kg	79	6.0	SW846 8270C
Dibenzofuran	ND	720	590	ug/kg	83		SW846 8270C
	ND	720	570	ug/kg	79	4.3	SW846 8270C
3,3'-Dichlorobenzidine	ND	720	320	ug/kg	45		SW846 8270C
	ND	720	330	ug/kg	47	4.8	SW846 8270C
2,4-Dichlorophenol	ND	720	550	ug/kg	77		SW846 8270C
	ND	720	520	ug/kg	73	6.0	SW846 8270C
Diethyl phthalate	ND	720	620	ug/kg	87		SW846 8270C
	ND	720	590	ug/kg	82	6.2	SW846 8270C
2,4-Dimethylphenol	ND	720	530	ug/kg	73		SW846 8270C
	ND	720	500	ug/kg	70	5.6	SW846 8270C
Dimethyl phthalate	ND	720	620	ug/kg	87		SW846 8270C
	ND	720	590	ug/kg	82	5.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	720	670	ug/kg	93		SW846 8270C
	ND	720	640	ug/kg	89	4.5	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	720	140	ug/kg	19		SW846 8270C
	ND	720	230	ug/kg	32 p	50	SW846 8270C
2,4-Dinitrophenol	ND	720		ug/kg	7.9 a		SW846 8270C
	ND	720	110	ug/kg	15 p	60	SW846 8270C
2,4-Dinitrotoluene	**ND**	**720**	**660**	**ug/kg**	**92**		**SW846 8270C**
	ND	**720**	**630**	**ug/kg**	**88**	**4.4**	**SW846 8270C**
2,6-Dinitrotoluene	ND	720	680	ug/kg	94		SW846 8270C
	ND	720	630	ug/kg	88	7.2	SW846 8270C
Di-n-octyl phthalate	ND	720	600	ug/kg	84		SW846 8270C
	ND	720	580	ug/kg	81	3.8	SW846 8270C
Fluoranthene	ND	720	650	ug/kg	91		SW846 8270C
	ND	720	600	ug/kg	85	7.7	SW846 8270C
Fluorene	ND	720	590	ug/kg	82		SW846 8270C
	ND	720	550	ug/kg	77	6.2	SW846 8270C
Hexachlorobenzene	ND	720	590	ug/kg	83		SW846 8270C
	ND	720	580	ug/kg	81	2.3	SW846 8270C
Hexachlorobutadiene	ND	720	520	ug/kg	73		SW846 8270C
	ND	720	530	ug/kg	74	0.80	SW846 8270C
Hexachlorocyclopenta-diene	ND	720	110	ug/kg	16		SW846 8270C
	ND	720	110	ug/kg	15	2.3	SW846 8270C
Hexachloroethane	ND	720	430	ug/kg	60		SW846 8270C
	ND	720	450	ug/kg	63	4.0	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	720	600	ug/kg	83		SW846 8270C
	ND	720	560	ug/kg	78	7.3	SW846 8270C
Isophorone	ND	720	590	ug/kg	83		SW846 8270C
	ND	720	570	ug/kg	79	4.2	SW846 8270C
2-Methylnaphthalene	ND	720	600	ug/kg	84		SW846 8270C
	ND	720	570	ug/kg	80	5.2	SW846 8270C
2-Methylphenol	ND	720	550	ug/kg	76		SW846 8270C
	ND	720	510	ug/kg	72	6.0	SW846 8270C
4-Methylphenol	ND	720	1100	ug/kg	157 a		SW846 8270C
	ND	720	1100	ug/kg	151 a	4.6	SW846 8270C
Naphthalene	ND	720	510	ug/kg	71		SW846 8270C
	ND	720	510	ug/kg	71	0.58	SW846 8270C
2-Nitroaniline	ND	720	600	ug/kg	84		SW846 8270C
	ND	720	580	ug/kg	80	4.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	720	540	ug/kg	75		SW846 8270C
	ND	720	510	ug/kg	72	4.0	SW846 8270C
4-Nitroaniline	ND	720	610	ug/kg	85		SW846 8270C
	ND	720	580	ug/kg	81	5.8	SW846 8270C
Nitrobenzene	ND	720	500	ug/kg	70		SW846 8270C
	ND	720	490	ug/kg	69	1.8	SW846 8270C
2-Nitrophenol	ND	720	510	ug/kg	71		SW846 8270C
	ND	720	510	ug/kg	71	0.14	SW846 8270C
4-Nitrophenol	**ND**	**720**	**490**	**ug/kg**	**68**		**SW846 8270C**
	ND	**720**	**420**	**ug/kg**	**59**	**14**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**720**	**520**	**ug/kg**	**73**		**SW846 8270C**
	ND	**720**	**530**	**ug/kg**	**74**	**1.2**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	720	620	ug/kg	86		SW846 8270C
	ND	720	600	ug/kg	83	3.4	SW846 8270C
Pentachlorophenol	**ND**	**720**	**150**	**ug/kg**	**21**		**SW846 8270C**
	ND	**720**	**110**	**ug/kg**	**15 p**	**32**	**SW846 8270C**
Phenanthrene	ND	720	590	ug/kg	82		SW846 8270C
	ND	720	560	ug/kg	78	5.5	SW846 8270C
Phenol	**ND**	**720**	**530**	**ug/kg**	**73**		**SW846 8270C**
	ND	**720**	**530**	**ug/kg**	**73**	**0.13**	**SW846 8270C**
Pyrene	**ND**	**720**	**610**	**ug/kg**	**86**		**SW846 8270C**
	ND	**720**	**590**	**ug/kg**	**83**	**3.9**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	720	490	ug/kg	68		SW846 8270C
	ND	720	450	ug/kg	62	8.5	SW846 8270C
2,4,6-Trichloro-phenol	ND	720	500	ug/kg	70		SW846 8270C
	ND	720	480	ug/kg	67	5.5	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
	68	(24 - 112)
2-Fluorobiphenyl	75	(34 - 110)
	75	(34 - 110)
Terphenyl-d14	89	(41 - 119)
	89	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	76	(28 - 110)
	75	(28 - 110)
2-Fluorophenol	71	(26 - 110)
	74	(26 - 110)
2,4,6-Tribromophenol	70	(10 - 118)
	65	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD
Date Sampled...: 10/17/07 10:40 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291353
Dilution Factor: 1 **% Moisture.....:** 7.4

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	65	(25 - 124)			SW846 8270C
	67	(25 - 124)	2.8	(0-30)	SW846 8270C
Pyridine	41	(10 - 110)			SW846 8270C
	45	(10 - 110)	8.7	(0-30)	SW846 8270C
Acenaphthene	**76**	**(10 - 200)**			**SW846 8270C**
	73	**(10 - 200)**	**4.1**	**(0-30)**	**SW846 8270C**
Acenaphthylene	81	(10 - 200)			SW846 8270C
	79	(10 - 200)	3.6	(0-30)	SW846 8270C
Acetophenone	67	(50 - 130)			SW846 8270C
	73	(50 - 130)	8.5	(0-30)	SW846 8270C
Anthracene	85	(10 - 200)			SW846 8270C
	82	(10 - 200)	3.6	(0-30)	SW846 8270C
Atrazine	103	(50 - 130)			SW846 8270C
	108	(50 - 130)	4.3	(0-30)	SW846 8270C
Benzo(a)anthracene	79	(10 - 200)			SW846 8270C
	75	(10 - 200)	4.8	(0-30)	SW846 8270C
Benzo(a)pyrene	83	(10 - 200)			SW846 8270C
	79	(10 - 200)	4.9	(0-30)	SW846 8270C
Benzo(b)fluoranthene	79	(10 - 200)			SW846 8270C
	82	(10 - 200)	3.1	(0-30)	SW846 8270C
Benzo(ghi)perylene	83	(10 - 200)			SW846 8270C
	77	(10 - 200)	8.4	(0-30)	SW846 8270C
Benzo(k)fluoranthene	81	(10 - 200)			SW846 8270C
	72	(10 - 200)	12	(0-30)	SW846 8270C
Benzaldehyde	71	(10 - 130)			SW846 8270C
	80	(10 - 130)	12	(0-30)	SW846 8270C
1,1'-Biphenyl	75	(50 - 130)			SW846 8270C
	77	(50 - 130)	2.5	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	77	(36 - 110)			SW846 8270C
	75	(36 - 110)	3.4	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	70	(32 - 118)			SW846 8270C
	73	(32 - 118)	3.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	82	(10 - 200)			SW846 8270C
	79	(10 - 200)	3.9	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	88	(44 - 120)			SW846 8270C
	86	(44 - 120)	2.4	(0-30)	SW846 8270C
Butyl benzyl phthalate	85	(43 - 138)			SW846 8270C
	82	(43 - 138)	2.9	(0-30)	SW846 8270C
Caprolactam	67	(50 - 130)			SW846 8270C
	87	(50 - 130)	26	(0-30)	SW846 8270C
Carbazole	86	(10 - 162)			SW846 8270C
	81	(10 - 162)	6.0	(0-30)	SW846 8270C
4-Chloroaniline	44	(11 - 110)			SW846 8270C
	46	(11 - 110)	4.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**81**	**(32 - 117)**			**SW846 8270C**
	76	**(32 - 117)**	**6.5**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	79	(40 - 110)			SW846 8270C
	77	(40 - 110)	3.1	(0-30)	SW846 8270C
2-Chlorophenol	**70**	**(32 - 110)**			**SW846 8270C**
	70	**(32 - 110)**	**0.18**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	90	(47 - 116)			SW846 8270C
	87	(47 - 116)	4.1	(0-30)	SW846 8270C
Chrysene	83	(10 - 200)			SW846 8270C
	82	(10 - 200)	2.2	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	84	(10 - 200)			SW846 8270C
	79	(10 - 200)	6.0	(0-30)	SW846 8270C
Dibenzofuran	83	(10 - 200)			SW846 8270C
	79	(10 - 200)	4.3	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	45	(10 - 110)			SW846 8270C
	47	(10 - 110)	4.8	(0-30)	SW846 8270C
2,4-Dichlorophenol	77	(33 - 110)			SW846 8270C
	73	(33 - 110)	6.0	(0-30)	SW846 8270C
Diethyl phthalate	87	(48 - 118)			SW846 8270C
	82	(48 - 118)	6.2	(0-30)	SW846 8270C
2,4-Dimethylphenol	73	(19 - 114)			SW846 8270C
	70	(19 - 114)	5.6	(0-30)	SW846 8270C
Dimethyl phthalate	87	(47 - 116)			SW846 8270C
	82	(47 - 116)	5.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	93	(31 - 145)			SW846 8270C
	89	(31 - 145)	4.5	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	19	(10 - 110)			SW846 8270C
	32 p	(10 - 110)	50	(0-30)	SW846 8270C
2,4-Dinitrophenol	7.9 a	(10 - 110)			SW846 8270C
	15 p	(10 - 110)	60	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**92**	**(42 - 118)**			**SW846 8270C**
	88	**(42 - 118)**	**4.4**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	94	(28 - 137)			SW846 8270C
	88	(28 - 137)	7.2	(0-30)	SW846 8270C
Di-n-octyl phthalate	84	(10 - 182)			SW846 8270C
	81	(10 - 182)	3.8	(0-30)	SW846 8270C
Fluoranthene	91	(10 - 200)			SW846 8270C
	85	(10 - 200)	7.7	(0-30)	SW846 8270C
Fluorene	82	(10 - 187)			SW846 8270C
	77	(10 - 187)	6.2	(0-30)	SW846 8270C
Hexachlorobenzene	83	(37 - 122)			SW846 8270C
	81	(37 - 122)	2.3	(0-30)	SW846 8270C
Hexachlorobutadiene	73	(30 - 110)			SW846 8270C
	74	(30 - 110)	0.80	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	16	(10 - 110)			SW846 8270C
	15	(10 - 110)	2.3	(0-30)	SW846 8270C
Hexachloroethane	60	(13 - 110)			SW846 8270C
	63	(13 - 110)	4.0	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	(10 - 200)			SW846 8270C
	78	(10 - 200)	7.3	(0-30)	SW846 8270C
Isophorone	83	(32 - 129)			SW846 8270C
	79	(32 - 129)	4.2	(0-30)	SW846 8270C
2-Methylnaphthalene	84	(10 - 200)			SW846 8270C
	80	(10 - 200)	5.2	(0-30)	SW846 8270C
2-Methylphenol	76	(19 - 124)			SW846 8270C
	72	(19 - 124)	6.0	(0-30)	SW846 8270C
4-Methylphenol	157 a	(27 - 116)			SW846 8270C
	151 a	(27 - 116)	4.6	(0-30)	SW846 8270C
Naphthalene	71	(10 - 200)			SW846 8270C
	71	(10 - 200)	0.58	(0-30)	SW846 8270C
2-Nitroaniline	84	(31 - 141)			SW846 8270C
	80	(31 - 141)	4.4	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	75	(24 - 110)			SW846 8270C
	72	(24 - 110)	4.0	(0-30)	SW846 8270C
4-Nitroaniline	85	(23 - 124)			SW846 8270C
	81	(23 - 124)	5.8	(0-30)	SW846 8270C
Nitrobenzene	70	(33 - 111)			SW846 8270C
	69	(33 - 111)	1.8	(0-30)	SW846 8270C
2-Nitrophenol	71	(17 - 110)			SW846 8270C
	71	(17 - 110)	0.14	(0-30)	SW846 8270C
4-Nitrophenol	**68**	**(10 - 125)**			**SW846 8270C**
	59	**(10 - 125)**	**14**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(30 - 121)**			**SW846 8270C**
	74	**(30 - 121)**	**1.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	86	(10 - 169)			SW846 8270C
	83	(10 - 169)	3.4	(0-30)	SW846 8270C
Pentachlorophenol	**21**	**(10 - 182)**			**SW846 8270C**
	15 p	**(10 - 182)**	**32**	**(0-30)**	**SW846 8270C**
Phenanthrene	82	(10 - 200)			SW846 8270C
	78	(10 - 200)	5.5	(0-30)	SW846 8270C
Phenol	**73**	**(10 - 144)**			**SW846 8270C**
	73	**(10 - 144)**	**0.13**	**(0-30)**	**SW846 8270C**
Pyrene	**86**	**(10 - 200)**			**SW846 8270C**
	83	**(10 - 200)**	**3.9**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	68	(32 - 112)			SW846 8270C
	62	(32 - 112)	8.5	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	70	(22 - 110)			SW846 8270C
	67	(22 - 110)	5.5	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
	68	(24 - 112)
2-Fluorobiphenyl	75	(34 - 110)
	75	(34 - 110)
Terphenyl-d14	89	(41 - 119)
	89	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J885V1AW-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J180155-001 J885V1AX-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	76	(28 - 110)
	75	(28 - 110)
2-Fluorophenol	71	(26 - 110)
	74	(26 - 110)
2,4,6-Tribromophenol	70	(10 - 118)
	65	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AA1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J180000-351

Prep Date.....: 10/18/07
Analysis Date..: 10/24/07 **Prep Batch #...:** 7291351
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	74	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-351
Prep Date.....: 10/18/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7291351
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**310**	**ug/kg**	**92**	**SW846 8082**
Aroclor 1260	**330**	**250**	**ug/kg**	**76**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J89AA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J180000-351
Prep Date.....: 10/18/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7291351
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**92**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**76**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J886A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J180159-001 J886A1CC-MSD
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**350**	**400**	**ug/kg**	**114**		**SW846 8082**
	ND	**350**	**310**	**ug/kg**	**87**	**27**	**SW846 8082**
Aroclor 1260	**ND**	**350**	**290**	**ug/kg**	**84**		**SW846 8082**
	ND	**350**	**240**	**ug/kg**	**69**	**20**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 196)
	88	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)
	73	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J180159 **Work Order #...:** J886A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J180159-001 J886A1CC-MSD
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7291351
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**114**	**(10 - 199)**			**SW846 8082**
	87	**(10 - 199)**	**27**	**(0-30)**	**SW846 8082**
Aroclor 1260	**84**	**(10 - 199)**			**SW846 8082**
	69	**(10 - 199)**	**20**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 196)
	88	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)
	73	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J190000-028 **Prep Batch #...:** 7292028						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/19/07	J9C2G1AC
		Dilution Factor: 1				
Antimony	**0.046 B**	**0.16**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J9C2G1AV**
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/19-10/22/07	J9C2G1AW
		Dilution Factor: 1				
Barium	ND	0.80	mg/kg	SW846 6010B	10/19/07	J9C2G1AD
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/19/07	J9C2G1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/19/07	J9C2G1AF
		Dilution Factor: 1				
Calcium	ND	400	mg/kg	SW846 6010B	10/19/07	J9C2G1AG
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/19/07	J9C2G1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/19/07	J9C2G1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/19/07	J9C2G1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/19/07	J9C2G1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/19/07	J9C2G1AU
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	10/19/07	J9C2G1AL
		Dilution Factor: 1				
Manganese	**0.11 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/19/07**	**J9C2G1AM**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/19/07	J9C2G1AA
		Dilution Factor: 1				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/19/07	J9C2G1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	10/19/07	J9C2G1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/19-10/22/07	J9C2G1AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	10/19-10/22/07	J9C2G1A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/19/07	J9C2G1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/19-10/22/07	J9C2G1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/19/07	J9C2G1AR
		Dilution Factor: 1				
Zinc	**0.61 B**	**0.80**	**mg/kg**	**SW846 6020**	**10/19-10/22/07**	**J9C2G1A2**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J190000-028 **Prep Batch #...:** 7292028							
Mercury	0.83	0.84	mg/kg	101	SW846 7471A	10/19/07	J9C2G1A3
			Dilution Factor: 1				
Aluminum	200	185	mg/kg	93	SW846 6010B	10/19/07	J9C2G1A4
			Dilution Factor: 1				
Barium	200	194	mg/kg	97	SW846 6010B	10/19/07	J9C2G1A5
			Dilution Factor: 1				
Beryllium	5.0	4.8	mg/kg	96	SW846 6010B	10/19/07	J9C2G1A6
			Dilution Factor: 1				
Cadmium	5.0	4.8	mg/kg	96	SW846 6010B	10/19/07	J9C2G1A7
			Dilution Factor: 1				
Calcium	5000	4930	mg/kg	99	SW846 6010B	10/19/07	J9C2G1A8
			Dilution Factor: 1				
Cobalt	50.0	47.7	mg/kg	95	SW846 6010B	10/19/07	J9C2G1A9
			Dilution Factor: 1				
Copper	25.0	23.9	mg/kg	96	SW846 6010B	10/19/07	J9C2G1CA
			Dilution Factor: 1				
Iron	100	103	mg/kg	103	SW846 6010B	10/19/07	J9C2G1CC
			Dilution Factor: 1				
Magnesium	5000	4900	mg/kg	98	SW846 6010B	10/19/07	J9C2G1CD
			Dilution Factor: 1				
Manganese	50.0	48.6	mg/kg	97	SW846 6010B	10/19/07	J9C2G1CE
			Dilution Factor: 1				
Nickel	50.0	48.0	mg/kg	96	SW846 6010B	10/19/07	J9C2G1CF
			Dilution Factor: 1				
Potassium	5000	4750	mg/kg	95	SW846 6010B	10/19/07	J9C2G1CG
			Dilution Factor: 1				
Sodium	5000	4550	mg/kg	91	SW846 6010B	10/19/07	J9C2G1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	48.2	mg/kg	96	SW846 6010B	10/19/07	J9C2G1CJ
			Dilution Factor: 1				
Chromium	20.0	19.4	mg/kg	97	SW846 6010B	10/19/07	J9C2G1CK
			Dilution Factor: 1				
Lead	50.0	46.9	mg/kg	94	SW846 6010B	10/19/07	J9C2G1CL
			Dilution Factor: 1				
Antimony	50.0	46.9	mg/kg	94	SW846 6020	10/19-10/22/07	J9C2G1CM
			Dilution Factor: 1				
Arsenic	10.0	8.5	mg/kg	85	SW846 6020	10/19-10/22/07	J9C2G1CN
			Dilution Factor: 1				
Selenium	10.0	8.8	mg/kg	88	SW846 6020	10/19-10/22/07	J9C2G1CP
			Dilution Factor: 1				
Silver	5.0	5.1	mg/kg	101	SW846 6020	10/19-10/22/07	J9C2G1CQ
			Dilution Factor: 1				
Thallium	10.0	8.5	mg/kg	85	SW846 6020	10/19-10/22/07	J9C2G1CR
			Dilution Factor: 1				
Zinc	10.0	9.1	mg/kg	91	SW846 6020	10/19-10/22/07	J9C2G1CT
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J190000-028 **Prep Batch #...:** 7292028					
Mercury	101	(81 - 116)	SW846 7471A Dilution Factor: 1	10/19/07	J9C2G1A3
Aluminum	93	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1A4
Barium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1A5
Beryllium	96	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1A6
Cadmium	96	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1A7
Calcium	99	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1A8
Cobalt	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1A9
Copper	96	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CA
Iron	103	(73 - 137)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CC
Magnesium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CD
Manganese	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CE
Nickel	96	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CF
Potassium	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CG
Sodium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	10/19/07	J9C2G1CH

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	96	(80 - 120)	SW846 6010B	10/19/07	J9C2G1CJ
		Dilution Factor: 1			
Chromium	97	(80 - 120)	SW846 6010B	10/19/07	J9C2G1CK
		Dilution Factor: 1			
Lead	94	(80 - 120)	SW846 6010B	10/19/07	J9C2G1CL
		Dilution Factor: 1			
Antimony	94	(80 - 120)	SW846 6020	10/19-10/22/07	J9C2G1CM
		Dilution Factor: 1			
Arsenic	85	(73 - 110)	SW846 6020	10/19-10/22/07	J9C2G1CN
		Dilution Factor: 1			
Selenium	88	(73 - 110)	SW846 6020	10/19-10/22/07	J9C2G1CP
		Dilution Factor: 1			
Silver	101	(80 - 120)	SW846 6020	10/19-10/22/07	J9C2G1CQ
		Dilution Factor: 1			
Thallium	85	(71 - 110)	SW846 6020	10/19-10/22/07	J9C2G1CR
		Dilution Factor: 1			
Zinc	91	(72 - 113)	SW846 6020	10/19-10/22/07	J9C2G1CT
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J180159-001 **Prep Batch #...:** 7292028									
Aluminum									
	3890	212	5750	mg/kg			SW846 6010B	10/19/07	J886A1CF
			Qualifiers: NC,MSB						
	3890	212	6000	mg/kg			SW846 6010B	10/19/07	J886A1CG
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.087	52.9	34.7 N	mg/kg	65		SW846 6020	10/19-10/22/07	J886A1DH
	0.087	52.9	29.9 N	mg/kg	56	15	SW846 6020	10/19-10/22/07	J886A1DJ
			Dilution Factor: 10						
Arsenic									
	2.6	10.6	12.5	mg/kg	93		SW846 6020	10/19-10/22/07	J886A1DK
	2.6	10.6	11.2	mg/kg	81	11	SW846 6020	10/19-10/22/07	J886A1DL
			Dilution Factor: 1						
Barium									
	33.8	212	239	mg/kg	97		SW846 6010B	10/19/07	J886A1CH
	33.8	212	227	mg/kg	91	5.2	SW846 6010B	10/19/07	J886A1CJ
			Dilution Factor: 1						
Beryllium									
	ND	5.3	5.0	mg/kg	95		SW846 6010B	10/19/07	J886A1CK
	ND	5.3	4.6	mg/kg	86	10	SW846 6010B	10/19/07	J886A1CL
			Dilution Factor: 1						
Cadmium									
	ND	5.3	4.5	mg/kg	84		SW846 6010B	10/19/07	J886A1CM
	ND	5.3	4.3	mg/kg	82	3.2	SW846 6010B	10/19/07	J886A1CN
			Dilution Factor: 1						
Calcium									
	81400	5290	83400	mg/kg			SW846 6010B	10/19-10/22/07	J886A1CP
			Qualifiers: NC,MSB						
	81400	5290	84800	mg/kg			SW846 6010B	10/19-10/22/07	J886A1CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	11.2	21.2	28.9	mg/kg	83		SW846 6010B	10/19/07	J886A1DD
	11.2	21.2	29.1	mg/kg	85	0.82	SW846 6010B	10/19/07	J886A1DE
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	2.9	52.9	46.9	mg/kg	83		SW846 6010B	10/19/07	J886A1CR
	2.9	52.9	46.7	mg/kg	83	0.60	SW846 6010B	10/19/07	J886A1CT
			Dilution Factor: 1						
Copper									
	8.3	26.4	31.6	mg/kg	88		SW846 6010B	10/19/07	J886A1CU
	8.3	26.4	32.2	mg/kg	90	2.1	SW846 6010B	10/19/07	J886A1CV
			Dilution Factor: 1						
Iron									
	8380	106	6840	mg/kg			SW846 6010B	10/19/07	J886A1CW
			Qualifiers: NC,MSB						
	8380	106	10000	mg/kg			SW846 6010B	10/19/07	J886A1CX
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	8.5	52.9	52.1	mg/kg	82		SW846 6010B	10/19/07	J886A1DF
	8.5	52.9	51.8	mg/kg	82	0.60	SW846 6010B	10/19/07	J886A1DG
			Dilution Factor: 1						
Magnesium									
	15800	5290	20900	mg/kg	98		SW846 6010B	10/19/07	J886A1C0
	15800	5290	25700 N	mg/kg	188	20	SW846 6010B	10/19/07	J886A1C1
			Dilution Factor: 1						
Manganese									
	317	52.9	549	mg/kg			SW846 6010B	10/19/07	J886A1C2
			Qualifiers: NC,MSB						
	317	52.9	404	mg/kg			SW846 6010B	10/19/07	J886A1C3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	ND	0.18	0.17	mg/kg	95		SW846 7471A	10/19/07	J886A1CD
	ND	0.18	0.17	mg/kg	96	1.4	SW846 7471A	10/19/07	J886A1CE
			Dilution Factor: 1						
Nickel									
	9.0	52.9	51.6	mg/kg	81		SW846 6010B	10/19/07	J886A1C4
	9.0	52.9	53.3	mg/kg	84	3.1	SW846 6010B	10/19/07	J886A1C5
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	433	5290	5680	mg/kg	99		SW846 6010B	10/19/07	J886A1C6
	433	5290	5770	mg/kg	101	1.6	SW846 6010B	10/19/07	J886A1C7
			Dilution Factor: 1						
Selenium									
	0.14	10.6	9.3	mg/kg	87		SW846 6020	10/19-10/22/07	J886A1DM
	0.14	10.6	8.6	mg/kg	80	8.5	SW846 6020	10/19-10/22/07	J886A1DN
			Dilution Factor: 1						
Silver									
	0.054	5.3	5.1	mg/kg	95		SW846 6020	10/19-10/22/07	J886A1DP
	0.054	5.3	5.1	mg/kg	95	0.92	SW846 6020	10/19-10/22/07	J886A1DQ
			Dilution Factor: 10						
Sodium									
	385	5290	4980	mg/kg	87		SW846 6010B	10/19/07	J886A1C8
	385	5290	5090	mg/kg	89	2.2	SW846 6010B	10/19/07	J886A1C9
			Dilution Factor: 1						
Thallium									
	0.037	10.6	7.4	mg/kg	70		SW846 6020	10/19-10/22/07	J886A1DR
	0.037	10.6	6.4 N	mg/kg	61	14	SW846 6020	10/19-10/22/07	J886A1DT
			Dilution Factor: 1						
Vanadium									
	13.7	52.9	60.1	mg/kg	88		SW846 6010B	10/19/07	J886A1DA
	13.7	52.9	61.3	mg/kg	90	2.0	SW846 6010B	10/19/07	J886A1DC
			Dilution Factor: 1						
Zinc									
	16.9	10.6	32.6	mg/kg	149		SW846 6020	10/19-10/22/07	J886A1DU
	16.9	10.6	24.7 *	mg/kg	74	28	SW846 6020	10/19-10/22/07	J886A1DV
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J180159-001 **Prep Batch #...:** 7292028							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/19/07	J886A1CF
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/19/07	J886A1CG
		Dilution Factor: 1					
Antimony	65 N	(75 - 125)			SW846 6020	10/19-10/22/07	J886A1DH
	56 N	(75 - 125)	15	(0-20)	SW846 6020	10/19-10/22/07	J886A1DJ
		Dilution Factor: 10					
Arsenic	93	(23 - 131)			SW846 6020	10/19-10/22/07	J886A1DK
	81	(23 - 131)	11	(0-20)	SW846 6020	10/19-10/22/07	J886A1DL
		Dilution Factor: 1					
Barium	97	(75 - 125)			SW846 6010B	10/19/07	J886A1CH
	91	(75 - 125)	5.2	(0-20)	SW846 6010B	10/19/07	J886A1CJ
		Dilution Factor: 1					
Beryllium	95	(75 - 125)			SW846 6010B	10/19/07	J886A1CK
	86	(75 - 125)	10	(0-20)	SW846 6010B	10/19/07	J886A1CL
		Dilution Factor: 1					
Cadmium	84	(75 - 125)			SW846 6010B	10/19/07	J886A1CM
	82	(75 - 125)	3.2	(0-20)	SW846 6010B	10/19/07	J886A1CN
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/19-10/22/07	J886A1CP
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/19-10/22/07	J886A1CQ
		Dilution Factor: 5					
Chromium	83	(75 - 125)			SW846 6010B	10/19/07	J886A1DD
	85	(75 - 125)	0.82	(0-20)	SW846 6010B	10/19/07	J886A1DE
		Dilution Factor: 1					
Cobalt	83	(75 - 125)			SW846 6010B	10/19/07	J886A1CR
	83	(75 - 125)	0.60	(0-20)	SW846 6010B	10/19/07	J886A1CT
		Dilution Factor: 1					
Copper	88	(75 - 125)			SW846 6010B	10/19/07	J886A1CU
	90	(75 - 125)	2.1	(0-20)	SW846 6010B	10/19/07	J886A1CV
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/19/07	J886A1CW
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/19/07	J886A1CX
		Dilution Factor: 1					
Lead	82	(75 - 125)			SW846 6010B	10/19/07	J886A1DF
	82	(75 - 125)	0.60	(0-20)	SW846 6010B	10/19/07	J886A1DG
		Dilution Factor: 1					
Magnesium	98	(75 - 125)			SW846 6010B	10/19/07	J886A1C0
	188 N	(75 - 125)	20	(0-20)	SW846 6010B	10/19/07	J886A1C1
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/19/07	J886A1C2
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/19/07	J886A1C3
		Dilution Factor: 1					
Mercury	95	(11 - 192)			SW846 7471A	10/19/07	J886A1CD
	96	(11 - 192)	1.4	(0-20)	SW846 7471A	10/19/07	J886A1CE
		Dilution Factor: 1					
Nickel	81	(75 - 125)			SW846 6010B	10/19/07	J886A1C4
	84	(75 - 125)	3.1	(0-20)	SW846 6010B	10/19/07	J886A1C5
		Dilution Factor: 1					
Potassium	99	(75 - 125)			SW846 6010B	10/19/07	J886A1C6
	101	(75 - 125)	1.6	(0-20)	SW846 6010B	10/19/07	J886A1C7
		Dilution Factor: 1					
Selenium	87	(39 - 116)			SW846 6020	10/19-10/22/07	J886A1DM
	80	(39 - 116)	8.5	(0-20)	SW846 6020	10/19-10/22/07	J886A1DN
		Dilution Factor: 1					
Silver	95	(75 - 125)			SW846 6020	10/19-10/22/07	J886A1DP
	95	(75 - 125)	0.92	(0-20)	SW846 6020	10/19-10/22/07	J886A1DQ
		Dilution Factor: 10					
Sodium	87	(75 - 125)			SW846 6010B	10/19/07	J886A1C8
	89	(75 - 125)	2.2	(0-20)	SW846 6010B	10/19/07	J886A1C9
		Dilution Factor: 1					
Thallium	70	(62 - 110)			SW846 6020	10/19-10/22/07	J886A1DR
	61 N	(62 - 110)	14	(0-20)	SW846 6020	10/19-10/22/07	J886A1DT
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J180159 **Matrix.....:** SO
Date Sampled...: 10/17/07 09:50 **Date Received..:** 10/18/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	88	(75 - 125)			SW846 6010B	10/19/07	J886A1DA
	90	(75 - 125)	2.0	(0-20)	SW846 6010B	10/19/07	J886A1DC
		Dilution Factor: 1					
Zinc	149	(10 - 199)			SW846 6020	10/19-10/22/07	J886A1DU
	74 *	(10 - 199)	28	(0-20)	SW846 6020	10/19-10/22/07	J886A1DV
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J9J0N1AA		MB Lot-Sample #:	A7J220000-252	
	ND	0.20	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1				
Cyanide, Total		Work Order #: J9P151AA		MB Lot-Sample #:	A7J240000-425	
	ND	0.20	mg/kg	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: J9NG71AA		MB Lot-Sample #:	A7J220000-354	
	0.22 B	**0.80**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1				
Percent Solids		Work Order #: J9E7A1AA		MB Lot-Sample #:	A7J190000-458	
	ND	10.0	%	MCAWW 160.3 MOD	10/19-10/20/07	7292458
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: J9J0N1AC		LCS Lot-Sample#: A7J220000-252		
	18.5	16.0	mg/kg	87	SW846 9012A	10/22/07	7295252
			Dilution Factor: 1				
Cyanide, Total			Work Order #: J9P151AC		LCS Lot-Sample#: A7J240000-425		
	2.0	1.8	mg/kg	88	SW846 9012A	10/24/07	7297425
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: J9NG71AC		LCS Lot-Sample#: A7J220000-354		
	644	590	mg/kg	92	SW846 7196A	10/22-10/23/07	7295354
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J180159 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J9J0N1AC	LCS Lot-Sample#: A7J220000-252		
	87	(68 - 123)	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1			
Cyanide, Total		Work Order #: J9P151AC	LCS Lot-Sample#: A7J240000-425		
	88	(68 - 123)	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: J9NG71AC	LCS Lot-Sample#: A7J220000-354		
	92	(10 - 200)	SW846 7196A	10/22-10/23/07	7295354
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J180159 **Matrix.....:** SOLID
Date Sampled...: 10/17/07 12:30 **Date Received..:** 10/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 0.53		
Cyanide, Total			WO#: J85721A5-MS/J85721A6-MSD				MS Lot-Sample #: A7J170210-002		
	ND	2.3	2.2	mg/kg	94		SW846 9012A	10/22/07	7295252
	ND	2.3	2.1	mg/kg	90	4.4	SW846 9012A	10/22/07	7295252
			Dilution Factor: 1						
							% Moisture.....: 0.53		
Cyanide, Total			WO#: J9K431AR-MS/J9K431AT-MSD				MS Lot-Sample #: A7J230104-003		
	0.12	2.0	1.8	mg/kg	85		SW846 9012A	10/24/07	7297425
	0.12	2.0	1.8	mg/kg	86	0.84	SW846 9012A	10/24/07	7297425
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J180159 **Matrix.....:** SOLID
Date Sampled...: 10/17/07 12:30 **Date Received..:** 10/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 0.53	
Cyanide, Total		WO#: J85721A5-MS/J85721A6-MSD				MS Lot-Sample #: A7J170210-002	
	94	(50 - 134)			SW846 9012A	10/22/07	7295252
	90	(50 - 134)	4.4	(0-20)	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1					
						% Moisture.....: 0.53	
Cyanide, Total		WO#: J9K431AR-MS/J9K431AT-MSD				MS Lot-Sample #: A7J230104-003	
	85	(50 - 134)			SW846 9012A	10/24/07	7297425
	86	(50 - 134)	0.84	(0-20)	SW846 9012A	10/24/07	7297425
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J180159 **Work Order #...:** J886L-SMP **Matrix.....:** SO
J886L-DUP
Date Sampled...: 10/17/07 14:45 **Date Received..:** 10/18/07
% Moisture.....: 11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J180159-007		
	89.0	90.1	%	1.1	(0-20)	MCAWW 160.3 MOD	10/19-10/20/07	7292458

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J180159 **Work Order #...:** J89QP-SMP **Matrix.....:** SOLID
J89QP-DUP
Date Sampled...: 10/16/07 14:00 **Date Received..:** 10/18/07
% Moisture.....: 35

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J180228-001		
	65.0	62.1	%	4.5	(0-20)	MCAWW 160.3 MOD	10/19-10/20/07	7292458

Dilution Factor: 1

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J290168

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

November 19, 2007

4101 Shuffel Street, N.W. North Canton, OH 44720 **tel** 330.497.9396 **fax** 330.497.0772 **www.testamericainc.com**

CASE NARRATIVE

CASE NARRATIVE

A7J290168

The following report contains the analytical results for two solid samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM CBC SSOW# E111021 Site, project number 17322. The samples were originally received October 18, 2007, according to documented sample acceptance procedures. Further analysis was requested by the client on October 29, 2007. A revised chain of custody was received on October 29, 2007

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

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.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

The matrix spike/matrix spike duplicate(s) for SO-17322-101707-CB-078 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

No ICP Trace Form IX was provided for batch(es) 7303019. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton (formerly STL North Canton) conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton (formerly STL North Canton) requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A7J290168

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101707-CB-078 10/17/07 13:40 001				
Manganese	96.6 J	4.3	mg/kg	SW846 6010B
Percent Solids	93.8	10.0	%	MCAWW 160.3 MOD
SO-17322-101707-CB-077 10/17/07 14:00 002				
Manganese	591 J	4.7	mg/kg	SW846 6010B
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A7J290168

PARAMETER	ANALYTICAL METHOD
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

A7J290168

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J932V	001	SO-17322-101707-CB-078	10/17/07	13:40
J9320	002	SO-17322-101707-CB-077	10/17/07	14:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

REVISED BLAISE BLASTOS 10-29-07

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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ATJ180162.

PAGE 2 OF 4

ID # Nº D 3982

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd.	Copy To: Terry Cayman/CRA
Suite 200	Invoice To: Darla Stewart/CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GM Validation Center
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heukler
Requested Due Date:	TAT: 5-day
QA/QC Requirements:	see below

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

ANALYZE CB-07B CB-079 MANGANESE STNDRD TAT

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Methanol	H2SO4	HNO3	NaOH	Other: organic free water	TCL VOCs	Dry weight	HOLD	MANGANESE	Remarks/Lab ID
1.	SO-17322-101707-CB-068	SO	10/17/07	1000	4	1	1				2	X	X	X		BLAISE
2.	-070 CB.															
3.	SO-17322-101707-CB-071	SO	10/17/07	1115	4	1	1				2	X	X	X		
4.	-074			1135	4	1	1				2	X	X	X		
5.	-075			1255	4	1	1				2	X	X	X		
6.	-076			1310	4	1	1				2	X	X	X		
7.	-078			1340	4	1	1				2	X	X	X	(X)	
8.	-079			1400	4	1	1				2	X	X	X	(X)	
9.	-081			1505	4	1	1				2	X	X	4		
10.	-084			1625	4	1	1				2	X	X	X		
11.																
12.																
13.																
14.																
15.																
	TOTAL NUMBER OF CONTAINERS				36											

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	Corrie Bondy/CRA	10/17/07	1745		10/18/07	0910
AIRBILL NO. 86 27 4082 6440							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 10/17/07

Distribution: WHITE - Fully Executed Copy; YELLOW - Receiving Laboratory Copy; PINK - Shipper; GOLDENROD - Sampler Copy

REV. 0 (6-04)

TestAmerica North Canton

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CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 2 OF 4

ID # Nº D 3982

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd.	Copy To: Terry Cayman/CRA
Suite 200	Invoice To: Darla Stewart/CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: CoM Validation Center
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heikler
Requested Due Date:	TAT: 5-day
QA/QC Requirements:	see below

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Preservative

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Methanol	H2SO4	HNO3	NaOH	Other: organic free water	Analysis and Method: TCL VOCs	Dry weight	HOLD	Remarks/Lab ID
1.	SO-17322-101707-CB-068	SO	10/17/07	1000	4	1	1				2	X	X	X	
2.	-070 CB.														
3.	SO-17322-101707-CB-071	SO	10/17/07	1115	4	1	1				2	X	X	X	
4.	-074			1135	4	1	1				2	X	X	X	
5.	-075			1255	4	1	1				2	X	X	X	
6.	-076			1310	4	1	1				2	X	X	X	
7.	-078			1340	4	1	1				2	X	X	X	
8.	-079			1400	4	1	1				2	X	X	X	
9.	-081			1505	4	1	1				2	X	X	X	
10.	-084			1625	4	1	1				2	X	X	X	
11.															
12.															
13.															
14.															
15.															
	TOTAL NUMBER OF CONTAINERS				36										

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed EX	2	Corrie Bondy/CRA	10/17/07	1745		10/18/07	0910
AIRBILL NO. 86 27 4082 6440							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 10/17/07

Distribution: WHITE - Fully Executed Copy; YELLOW - Receiving Laboratory Copy; PINK - Shipper; GOLDENROD - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 4 OF 4

ID # № D 3497

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd.	Copy To: Terry Gayman / CRA
Suite 200	Invoice To: Darla Stewart / CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GM Validation Center
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: 5-day
QA/QC Requirements:	see below

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Preservative

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOCs	TCL PCBs	TAL Metals	hexavalent chromium	total cyanide	HOLD	Remarks/Lab ID
1.	SO-17322-101207-CB-068	SO	10/17/07	1000	1	1						X	X	X	X	X	X	
2.	-071			1115	1	1						X	X	X	X	X	X	
3.	-074			1135	1	1						X	X	X	X	X	X	
4.	-075			1255	1	1						X	X	X	X	X	X	
5.	-076			1310	1	1						X	X	X	X	X	X	
6.	-078			1340	1	1						X	X	X	X	X	X	
7.	-079			1400	1	1						X	X	X	X	X	X	
8.	-081			1505	1	1						X	X	X	X	X	X	
9.	-084			1625	1	1						X	X	X	X	X	X	
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		
	TOTAL NUMBER OF CONTAINERS				9													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	Corrie Bondy / CRA	10/17/07	1745	[signature] CAL	10/18/07	0810
AIRBILL NO. 8627 4082 6439							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: [signature] Date: 10/17/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV. 0 (6-04)

TestAmerica North Canton

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: 480162

Client: CRA Project: Validation Quote#: 7171

Cooler Received on: 10/18/07 Opened on: 10/18/07 By: (Signature)

FedEx [X] Client Drop Off [ ] UPS [ ] DHL [ ] FAS [ ] TestAmerica Courier [ ]

Stetson [ ] US Cargo [ ] Other:

TestAmerica Cooler No# See back Foam Box [ ] Client Cooler [ ] Other

1. Were custody seals on the outside of the cooler? Yes [ ] No [X] Intact? Yes [ ] No [ ] NA [X]
   If YES, Quantity
   Were custody seals on the outside of cooler signed and dated? Yes [ ] No [ ] NA [X]
   Were custody seals on the bottles? ~~Yes~~ [X] No [ ] NA [X]
   If YES, are there any exceptions
2. Shipper's packing slip attached to this form? Yes [X] No [ ] NA [ ]
3. Did custody papers accompany the samples? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Did you sign the custody papers in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [X] None [ ] Other :
6. Cooler temperature upon receipt ____ °C (see back of form for multiple coolers/temp)

METHOD: IR [X] Other [ ]

COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]

7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels and/or tags be reconciled with the COC? Yes [X] No [ ]
9. Were samples at the correct pH upon receipt? Yes [ ] No [ ] NA [X]
10. Were correct bottles used for the tests indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [ ] NA [X]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]
13. Was a Trip Blank present in the cooler? Yes [X] No [ ] Were VOAs on the COC? Yes [X] No [ ]

Contacted PM ____ Date: ____ by: ____ via Voice Mail [ ] Verbal [ ] Other [ ]

Concerning:

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.

Sample(s) ____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #042607-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*

What time was preservative added to samples?

Sample(s) ____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-078

TOTAL Metals

Lot-Sample #...: A7J290168-001 **Matrix.....:** SO
Date Sampled...: 10/17/07 13:40 **Date Received..:** 10/18/07
% Moisture.....: 6.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303019						
Manganese	**96.6 J**	**4.3**	**mg/kg**	**SW846 6010B**	**10/30/07**	**J932V1AC**
		Dilution Factor: 5		Analysis Time..: 23:40	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.39		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

TOTAL Metals

Lot-Sample #...: A7J290168-002 **Matrix.....:** SO
Date Sampled...: 10/17/07 14:00 **Date Received..:** 10/18/07
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7303019						
Manganese	**591 J**	**4.7**	**mg/kg**	**SW846 6010B**	**10/30/07**	**J93201AC**
		Dilution Factor: 5		Analysis Time..: 23:58	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.43		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J290168 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J300000-019 **Prep Batch #...:** 7303019						
Manganese	**0.12 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/30/07**	**J94Q01AA**

Dilution Factor: 1

Analysis Time..: 23:27 Analyst ID.....: 001637 Instrument ID..: I6

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J290168 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J300000-019 **Prep Batch #...:** 7303019							
Manganese	50.0	51.8	mg/kg	104	SW846 6010B	10/30/07	J94Q01AC

Dilution Factor: 1 Analysis Time..: 23:33 Analyst ID.....: 001637
Instrument ID..: I6

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J290168 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J300000-019 **Prep Batch #...:** 7303019					
Manganese	104	(80 - 120)	SW846 6010B	10/30/07	J94Q01AC

Dilution Factor: 1 Analysis Time..: 23:33 Analyst ID.....: 001637
Instrument ID..: I6

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J290168 **Matrix.....:** SO
Date Sampled...: 10/17/07 13:40 **Date Received..:** 10/18/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT		UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J290168-001 **Prep Batch #...:** 7303019										
Manganese										
	96.6	53.3	228	N	mg/kg	247		SW846 6010B	10/30/07	J932V1AD
	96.6	53.3	149	*	mg/kg	98	42	SW846 6010B	10/30/07	J932V1AE

Dilution Factor: 5
Analysis Time..: 23:45 Instrument ID..: I6 Analyst ID.....: 001637

NOTE(S):

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

* Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J290168 **Matrix.....:** SO
Date Sampled...: 10/17/07 13:40 **Date Received..:** 10/18/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J290168-001 **Prep Batch #...:** 7303019							
Manganese	247 N	(75 - 125)			SW846 6010B	10/30/07	J932V1AD
	98 *	(75 - 125)	42	(0-20)	SW846 6010B	10/30/07	J932V1AE

Dilution Factor: 5
Analysis Time..: 23:45 Instrument ID..: I6 Analyst ID.....: 001637

NOTE(S):

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

* Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-078

General Chemistry

Lot-Sample #...: A7J290168-001 **Work Order #...:** J932V **Matrix.....:** SO
Date Sampled...: 10/17/07 13:40 **Date Received..:** 10/18/07
% Moisture.....: 6.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**93.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/05-11/06/07**	**7309540**

Dilution Factor: 1 MDL.....: 10.0

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101707-CB-077

General Chemistry

Lot-Sample #...: A7J290168-002 **Work Order #...:** J9320 **Matrix.....:** SO
Date Sampled...: 10/17/07 14:00 **Date Received..:** 10/18/07
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids	**85.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**11/05-11/06/07**	**7309540**

Dilution Factor: 1 MDL.....: 10.0

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7J290168 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: KAJ7W1AA		MB Lot-Sample #:	A7K050000-540	
	ND	10.0	%	MCAWW 160.3 MOD	11/05-11/06/07	7309540
		Dilution Factor: 1				

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J290168 **Work Order #...:** J98PK-SMP J98PK-DUP **Matrix.....:** SOLID

Date Sampled...: 10/30/07 11:15 **Date Received..:** 10/31/07

% Moisture.....: 13

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J310234-008		
	86.9	90.2	%	3.7	(0-20)	MCAWW 160.3 MOD	11/05-11/06/07	7309540

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J290168 **Work Order #...:** KAG3Q-SMP **Matrix.....:** SOLID
KAG3Q-DUP
Date Sampled...: 11/02/07 13:20 **Date Received..:** 11/03/07
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7K030153-002		
	80.0	82.7	%	3.4	(0-20)	MCAWW 160.3 MOD	11/05-11/06/07	7309540

Dilution Factor: 1

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021

Lot #: A7L040225

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

December 12, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-091 12/03/07 08:00 001				
Trivalent Chromium	11.6	0.45	mg/kg	SW846 7196A
Silver	0.059 B	0.090	mg/kg	SW846 6020
Arsenic	3.1	0.090	mg/kg	SW846 6020
Antimony	0.10 B,J	0.18	mg/kg	SW846 6020
Thallium	0.10	0.090	mg/kg	SW846 6020
Zinc	28.6 J	0.90	mg/kg	SW846 6020
Mercury	0.017 B	0.045	mg/kg	SW846 7471A
Aluminum	7350	18.1	mg/kg	SW846 6010B
Barium	35.1 J	0.90	mg/kg	SW846 6010B
Beryllium	0.053 B	0.18	mg/kg	SW846 6010B
Calcium	44300 J	452	mg/kg	SW846 6010B
Cadmium	0.31 J	0.090	mg/kg	SW846 6010B
Cobalt	5.7	0.45	mg/kg	SW846 6010B
Chromium	12.3	0.45	mg/kg	SW846 6010B
Copper	12.3	0.90	mg/kg	SW846 6010B
Iron	12900	9.0	mg/kg	SW846 6010B
Potassium	1720	452	mg/kg	SW846 6010B
Magnesium	10500 J	90.5	mg/kg	SW846 6010B
Manganese	294 J	0.90	mg/kg	SW846 6010B
Sodium	531	90.5	mg/kg	SW846 6010B
Nickel	13.4	0.90	mg/kg	SW846 6010B
Lead	8.8	0.27	mg/kg	SW846 6010B
Vanadium	17.2	0.90	mg/kg	SW846 6010B
Anthracene	7.9	7.5	ug/kg	SW846 8270C
Benzo(a)anthracene	25	7.5	ug/kg	SW846 8270C
Benzo(a)pyrene	21	7.5	ug/kg	SW846 8270C
Benzo(b)fluoranthene	32	7.5	ug/kg	SW846 8270C
Benzo(ghi)perylene	18	7.5	ug/kg	SW846 8270C
Benzo(k)fluoranthene	11	7.5	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	24 J	57	ug/kg	SW846 8270C
Chrysene	27	7.5	ug/kg	SW846 8270C
Fluoranthene	62	7.5	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	12	7.5	ug/kg	SW846 8270C
Phenanthrene	29	7.5	ug/kg	SW846 8270C
Pyrene	39	7.5	ug/kg	SW846 8270C
Hexavalent Chromium	0.72 B	0.90	mg/kg	SW846 7196A
Percent Solids	88.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-096 12/03/07 09:30 002				
Trivalent Chromium	8.8	0.48	mg/kg	SW846 7196A
Silver	0.10	0.095	mg/kg	SW846 6020
Arsenic	1.1	0.095	mg/kg	SW846 6020
Antimony	0.059 B,J	0.19	mg/kg	SW846 6020
Selenium	0.31	0.20	mg/kg	SW846 6020
Thallium	0.19	0.095	mg/kg	SW846 6020
Zinc	42.6 J	0.95	mg/kg	SW846 6020
Mercury	0.019 B	0.048	mg/kg	SW846 7471A
Aluminum	4350	19.0	mg/kg	SW846 6010B
Barium	16.0 J	0.95	mg/kg	SW846 6010B
Beryllium	0.14 B	0.19	mg/kg	SW846 6010B
Calcium	53300 J	475	mg/kg	SW846 6010B
Cadmium	0.21 J	0.095	mg/kg	SW846 6010B
Cobalt	5.3	0.48	mg/kg	SW846 6010B
Chromium	8.8	0.48	mg/kg	SW846 6010B
Copper	12.1	0.95	mg/kg	SW846 6010B
Iron	7290	9.5	mg/kg	SW846 6010B
Potassium	801	475	mg/kg	SW846 6010B
Magnesium	8190 J	95.0	mg/kg	SW846 6010B
Manganese	322 J	0.95	mg/kg	SW846 6010B
Sodium	633	95.0	mg/kg	SW846 6010B
Nickel	12.7	0.95	mg/kg	SW846 6010B
Lead	7.5	0.29	mg/kg	SW846 6010B
Vanadium	10.8	0.95	mg/kg	SW846 6010B
Phenanthrene	96	79	ug/kg	SW846 8270C
1,2,4-Trimethylbenzene	2500	190	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	450	190	ug/kg	SW846 8260B
Ethylbenzene	300	95	ug/kg	SW846 8260B
Isopropylbenzene	610	480	ug/kg	SW846 8260B
Xylenes (total)	300	290	ug/kg	SW846 8260B
Percent Solids	84.2	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-097 12/03/07 10:30 003				
Aroclor 1248	65	35	ug/kg	SW846 8082
Aroclor 1260	11 J	35	ug/kg	SW846 8082
Trivalent Chromium	8.3	0.42	mg/kg	SW846 7196A
Silver	0.070 B	0.084	mg/kg	SW846 6020
Arsenic	3.0	0.084	mg/kg	SW846 6020
Antimony	0.12 B,J	0.17	mg/kg	SW846 6020
Selenium	0.15 B	0.18	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-097 12/03/07 10:30 003				
Thallium	0.052 B	0.084	mg/kg	SW846 6020
Zinc	27.7 J	0.84	mg/kg	SW846 6020
Aluminum	4850	16.8	mg/kg	SW846 6010B
Barium	42.2 J	0.84	mg/kg	SW846 6010B
Beryllium	0.25	0.17	mg/kg	SW846 6010B
Calcium	81100 J	2100	mg/kg	SW846 6010B
Cadmium	0.32 J	0.084	mg/kg	SW846 6010B
Cobalt	2.8	0.42	mg/kg	SW846 6010B
Chromium	8.3	0.42	mg/kg	SW846 6010B
Copper	8.8	0.84	mg/kg	SW846 6010B
Iron	7500	8.4	mg/kg	SW846 6010B
Potassium	806	421	mg/kg	SW846 6010B
Magnesium	16100 J	84.2	mg/kg	SW846 6010B
Manganese	285 J	0.84	mg/kg	SW846 6010B
Sodium	308	84.2	mg/kg	SW846 6010B
Nickel	6.9	0.84	mg/kg	SW846 6010B
Lead	16.2	0.25	mg/kg	SW846 6010B
Vanadium	13.8	0.84	mg/kg	SW846 6010B
Acenaphthene	210	70	ug/kg	SW846 8270C
Acenaphthylene	470	70	ug/kg	SW846 8270C
Anthracene	820	70	ug/kg	SW846 8270C
Benzo(a)anthracene	3700	70	ug/kg	SW846 8270C
Benzo(a)pyrene	2600	70	ug/kg	SW846 8270C
Benzo(b)fluoranthene	3600	70	ug/kg	SW846 8270C
Benzo(ghi)perylene	1500	70	ug/kg	SW846 8270C
Benzo(k)fluoranthene	1300	70	ug/kg	SW846 8270C
Carbazole	200 J	530	ug/kg	SW846 8270C
Chrysene	2900	70	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	430	70	ug/kg	SW846 8270C
Dibenzofuran	220 J	530	ug/kg	SW846 8270C
Fluoranthene	10000	70	ug/kg	SW846 8270C
Fluorene	280	70	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	1400	70	ug/kg	SW846 8270C
Naphthalene	79	70	ug/kg	SW846 8270C
Phenanthrene	3400	70	ug/kg	SW846 8270C
Pyrene	8100	70	ug/kg	SW846 8270C
Toluene	0.30 J	4.4	ug/kg	SW846 8260B
Trichloroethene	0.80 J	4.4	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.85 J	4.4	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	2.3 J,B	4.4	ug/kg	SW846 8260B
Xylenes (total)	0.73 J	8.8	ug/kg	SW846 8260B
Percent Solids	95.0	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-100 12/03/07 12:20 004				
Trivalent Chromium	4.0	0.42	mg/kg	SW846 7196A
Silver	0.024 B	0.083	mg/kg	SW846 6020
Arsenic	3.8	0.083	mg/kg	SW846 6020
Antimony	0.059 B,J	0.17	mg/kg	SW846 6020
Thallium	0.040 B	0.083	mg/kg	SW846 6020
Zinc	20.1 J	0.83	mg/kg	SW846 6020
Aluminum	1590	16.6	mg/kg	SW846 6010B
Barium	6.3 J	0.83	mg/kg	SW846 6010B
Calcium	40100 J	415	mg/kg	SW846 6010B
Cadmium	0.13 J	0.083	mg/kg	SW846 6010B
Cobalt	1.8	0.42	mg/kg	SW846 6010B
Chromium	4.0	0.42	mg/kg	SW846 6010B
Copper	3.8	0.83	mg/kg	SW846 6010B
Iron	4430	8.3	mg/kg	SW846 6010B
Potassium	274 B	415	mg/kg	SW846 6010B
Magnesium	14900 J	83.0	mg/kg	SW846 6010B
Manganese	116 J	0.83	mg/kg	SW846 6010B
Sodium	248	83.0	mg/kg	SW846 6010B
Nickel	3.7	0.83	mg/kg	SW846 6010B
Lead	3.2	0.25	mg/kg	SW846 6010B
Vanadium	6.4	0.83	mg/kg	SW846 6010B
Benzo(b)fluoranthene	12	6.9	ug/kg	SW846 8270C
2-Methylnaphthalene	21	6.9	ug/kg	SW846 8270C
Naphthalene	12	6.9	ug/kg	SW846 8270C
Phenanthrene	9.2	6.9	ug/kg	SW846 8270C
Percent Solids	96.4	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-102 12/03/07 14:00 005				
Aroclor 1254	40	37	ug/kg	SW846 8082
Trivalent Chromium	17.6	0.45	mg/kg	SW846 7196A
Silver	0.094	0.089	mg/kg	SW846 6020
Arsenic	3.5	0.089	mg/kg	SW846 6020
Antimony	0.53 J	0.18	mg/kg	SW846 6020
Selenium	0.27	0.19	mg/kg	SW846 6020
Thallium	0.12	0.089	mg/kg	SW846 6020
Zinc	41.6 J	0.89	mg/kg	SW846 6020
Mercury	0.024 B	0.045	mg/kg	SW846 7471A
Aluminum	7110	17.8	mg/kg	SW846 6010B
Barium	58.8 J	0.89	mg/kg	SW846 6010B
Beryllium	0.25	0.18	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-102 12/03/07 14:00 005				
Calcium	40700 J	446	mg/kg	SW846 6010B
Cadmium	0.49 J	0.089	mg/kg	SW846 6010B
Cobalt	8.3	0.45	mg/kg	SW846 6010B
Chromium	17.6	0.45	mg/kg	SW846 6010B
Copper	142	0.89	mg/kg	SW846 6010B
Iron	16200	8.9	mg/kg	SW846 6010B
Potassium	747	446	mg/kg	SW846 6010B
Magnesium	10700 J	89.1	mg/kg	SW846 6010B
Manganese	306 J	0.89	mg/kg	SW846 6010B
Sodium	1040	89.1	mg/kg	SW846 6010B
Nickel	13.3	0.89	mg/kg	SW846 6010B
Lead	18.7	0.27	mg/kg	SW846 6010B
Vanadium	21.2	0.89	mg/kg	SW846 6010B
Benzo(a)anthracene	160	74	ug/kg	SW846 8270C
Benzo(a)pyrene	120	74	ug/kg	SW846 8270C
Benzo(b)fluoranthene	250	74	ug/kg	SW846 8270C
Chrysene	170	74	ug/kg	SW846 8270C
Fluoranthene	370	74	ug/kg	SW846 8270C
Phenanthrene	190	74	ug/kg	SW846 8270C
Pyrene	320	74	ug/kg	SW846 8270C
Benzene	9.8 J	45	ug/kg	SW846 8260B
Cyclohexane	20 J	1100	ug/kg	SW846 8260B
Ethylbenzene	14 J	45	ug/kg	SW846 8260B
Isopropylbenzene	6.0 J	220	ug/kg	SW846 8260B
Methyl acetate	110 J	1100	ug/kg	SW846 8260B
Methylcyclohexane	61 J	1100	ug/kg	SW846 8260B
4-Methyl-2-pentanone	18 J	2200	ug/kg	SW846 8260B
Toluene	42 J	89	ug/kg	SW846 8260B
Xylenes (total)	82 J	130	ug/kg	SW846 8260B
Percent Solids	89.8	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-105 12/03/07 15:30 006				
Aroclor 1254	100	38	ug/kg	SW846 8082
Trivalent Chromium	7.5	0.46	mg/kg	SW846 7196A
Silver	0.049 B	0.092	mg/kg	SW846 6020
Arsenic	4.4	0.092	mg/kg	SW846 6020
Antimony	0.10 B,J	0.18	mg/kg	SW846 6020
Selenium	0.11 B	0.20	mg/kg	SW846 6020
Thallium	0.11	0.092	mg/kg	SW846 6020
Zinc	29.9 J	0.92	mg/kg	SW846 6020
Aluminum	2720	18.4	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-105 12/03/07 15:30 006				
Barium	27.9 J	0.92	mg/kg	SW846 6010B
Beryllium	0.077 B	0.18	mg/kg	SW846 6010B
Calcium	76500 J	2300	mg/kg	SW846 6010B
Cadmium	0.33 J	0.092	mg/kg	SW846 6010B
Cobalt	5.1	0.46	mg/kg	SW846 6010B
Chromium	7.5	0.46	mg/kg	SW846 6010B
Copper	12.0	0.92	mg/kg	SW846 6010B
Iron	8240	9.2	mg/kg	SW846 6010B
Potassium	452 B	460	mg/kg	SW846 6010B
Magnesium	11400 J	92.0	mg/kg	SW846 6010B
Manganese	232 J	0.92	mg/kg	SW846 6010B
Nickel	9.8	0.92	mg/kg	SW846 6010B
Lead	14.7	0.28	mg/kg	SW846 6010B
Vanadium	8.8	0.92	mg/kg	SW846 6010B
Benzo(b)fluoranthene	170	77	ug/kg	SW846 8270C
Fluoranthene	85	77	ug/kg	SW846 8270C
1,3,5-Trimethylbenzene	0.55 J,B	4.4	ug/kg	SW846 8260B
Percent Solids	86.9	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-106 12/03/07 15:35 007				
Aroclor 1254	100	36	ug/kg	SW846 8082
Trivalent Chromium	5.8	0.44	mg/kg	SW846 7196A
Silver	0.031 B	0.088	mg/kg	SW846 6020
Arsenic	3.5	0.088	mg/kg	SW846 6020
Antimony	0.066 B,J	0.18	mg/kg	SW846 6020
Thallium	0.084 B	0.088	mg/kg	SW846 6020
Zinc	25.1 J	0.88	mg/kg	SW846 6020
Aluminum	2480	17.6	mg/kg	SW846 6010B
Barium	15.9 J	0.88	mg/kg	SW846 6010B
Calcium	45800 J	439	mg/kg	SW846 6010B
Cadmium	0.22 J	0.088	mg/kg	SW846 6010B
Cobalt	2.9	0.44	mg/kg	SW846 6010B
Chromium	5.8	0.44	mg/kg	SW846 6010B
Copper	8.9	0.88	mg/kg	SW846 6010B
Iron	6640	8.8	mg/kg	SW846 6010B
Potassium	377 B	439	mg/kg	SW846 6010B
Magnesium	10500 J	87.8	mg/kg	SW846 6010B
Manganese	222 J	0.88	mg/kg	SW846 6010B
Nickel	7.5	0.88	mg/kg	SW846 6010B
Lead	8.6	0.26	mg/kg	SW846 6010B
Vanadium	7.9	0.88	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7L040225

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-106 12/03/07 15:35 007				
Anthracene	13	7.3	ug/kg	SW846 8270C
Benzo(a)anthracene	56	7.3	ug/kg	SW846 8270C
Benzo(a)pyrene	51	7.3	ug/kg	SW846 8270C
Benzo(b)fluoranthene	73	7.3	ug/kg	SW846 8270C
Benzo(ghi)perylene	39	7.3	ug/kg	SW846 8270C
Benzo(k)fluoranthene	29	7.3	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	73	55	ug/kg	SW846 8270C
Chrysene	53	7.3	ug/kg	SW846 8270C
Di-n-butyl phthalate	160	55	ug/kg	SW846 8270C
Fluoranthene	110	7.3	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	33	7.3	ug/kg	SW846 8270C
Phenanthrene	48	7.3	ug/kg	SW846 8270C
Pyrene	87	7.3	ug/kg	SW846 8270C
Percent Solids	91.1	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7L040225

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L040225

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDD7W	001	SO-17322-120307-CB-091	12/03/07	08:00
KDD71	002	SO-17322-120307-CB-096	12/03/07	09:30
KDD74	003	SO-17322-120307-CB-097	12/03/07	10:30
KDD75	004	SO-17322-120307-CB-100	12/03/07	12:20
KDD76	005	SO-17322-120307-CB-102	12/03/07	14:00
KDD77	006	SO-17322-120307-CB-105	12/03/07	15:30
KDD78	007	SO-17322-120307-CB-106	12/03/07	15:35
KDD79	008	TB-17322-120307-CB-001	12/03/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

GC/MS Volatiles

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W1AC **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341257
Dilution Factor: 0.75
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.3
Benzene	ND	4.2	ug/kg	0.20
Bromodichloromethane	ND	4.2	ug/kg	0.24
Bromoform	ND	4.2	ug/kg	0.28
Bromomethane	ND	4.2	ug/kg	0.46
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.2	ug/kg	0.37
Carbon tetrachloride	ND	4.2	ug/kg	0.31
Chlorobenzene	ND	4.2	ug/kg	0.28
Dibromochloromethane	ND	4.2	ug/kg	0.47
1,2-Dibromo-3-chloro-propane	ND	8.5	ug/kg	1.1
Chloroethane	ND	4.2	ug/kg	0.73
Chloroform	ND	4.2	ug/kg	0.25
Chloromethane	ND	4.2	ug/kg	0.35
Cyclohexane	ND	8.5	ug/kg	0.28
1,2-Dibromoethane	ND	4.2	ug/kg	0.42
1,2-Dichlorobenzene	ND	4.2	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.2	ug/kg	0.30
1,4-Dichlorobenzene	ND	4.2	ug/kg	0.56
Dichlorodifluoromethane	ND	4.2	ug/kg	0.42
1,1-Dichloroethane	ND	4.2	ug/kg	0.31
1,2-Dichloroethane	ND	4.2	ug/kg	0.29
1,1-Dichloroethene	ND	4.2	ug/kg	0.44
cis-1,2-Dichloroethene	ND	4.2	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.2	ug/kg	0.35
1,2-Dichloropropane	ND	4.2	ug/kg	0.59
cis-1,3-Dichloropropene	ND	4.2	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.2	ug/kg	0.46
Ethylbenzene	ND	4.2	ug/kg	0.22
Trichlorofluoromethane	ND	4.2	ug/kg	0.29
2-Hexanone	ND	17	ug/kg	0.53
Isopropylbenzene	ND	4.2	ug/kg	0.14
Methyl acetate	ND	8.5	ug/kg	1.2
Methylcyclohexane	ND	8.5	ug/kg	0.26
Methylene chloride	ND	4.2	ug/kg	0.57
4-Methyl-2-pentanone	ND	17	ug/kg	0.46
Styrene	ND	4.2	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

GC/MS Volatiles

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.2	ug/kg	0.29
Tetrachloroethene	ND	4.2	ug/kg	0.44
Toluene	ND	4.2	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.2	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.2	ug/kg	0.48
1,1,2-Trichloroethane	ND	4.2	ug/kg	0.33
Trichloroethene	ND	4.2	ug/kg	0.36
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.2	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.2	ug/kg	0.55
1,3,5-Trimethylbenzene	ND	4.2	ug/kg	0.21
Vinyl chloride	ND	4.2	ug/kg	0.33
Xylenes (total)	ND	8.5	ug/kg	0.57
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	92	(60 - 143)
4-Bromofluorobenzene	113	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

GC/MS Volatiles

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD711CA **Matrix.....:** SO
Date Sampled...: 12/03/07 09:30 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7339422
Dilution Factor: 2
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	**2500**	**190**	**ug/kg**	**62**
1,3,5-Trimethylbenzene	**450**	**190**	**ug/kg**	**59**
Acetone	ND	1400	ug/kg	240
Benzene	ND	95	ug/kg	15
Bromodichloromethane	ND	190	ug/kg	29
Bromoform	ND	190	ug/kg	31
Bromomethane	ND	480	ug/kg	59
2-Butanone	ND	1400	ug/kg	120
Carbon disulfide	ND	480	ug/kg	48
Carbon tetrachloride	ND	95	ug/kg	29
Chlorobenzene	ND	95	ug/kg	15
Chloroethane	ND	480	ug/kg	150
Chloroform	ND	95	ug/kg	29
Chloromethane	ND	480	ug/kg	12
Cyclohexane	ND	2300	ug/kg	18
Dibromochloromethane	ND	95	ug/kg	16
1,2-Dibromo-3-chloro-propane	ND	480	ug/kg	140
1,2-Dibromoethane	ND	480	ug/kg	24
1,2-Dichlorobenzene	ND	190	ug/kg	40
1,3-Dichlorobenzene	ND	190	ug/kg	17
1,4-Dichlorobenzene	ND	190	ug/kg	19
Dichlorodifluoromethane	ND	190	ug/kg	13
1,1-Dichloroethane	ND	95	ug/kg	17
1,2-Dichloroethane	ND	95	ug/kg	22
1,1-Dichloroethene	ND	95	ug/kg	20
cis-1,2-Dichloroethene	ND	95	ug/kg	33
trans-1,2-Dichloroethene	ND	95	ug/kg	26
1,2-Dichloropropane	ND	95	ug/kg	18
cis-1,3-Dichloropropene	ND	95	ug/kg	13
trans-1,3-Dichloropropene	ND	95	ug/kg	13
Ethylbenzene	**300**	**95**	**ug/kg**	**16**
2-Hexanone	ND	4800	ug/kg	57
Isopropylbenzene	**610**	**480**	**ug/kg**	**12**
Methyl acetate	ND	2300	ug/kg	120
Methylene chloride	ND	480	ug/kg	240
Methylcyclohexane	ND	2300	ug/kg	14
4-Methyl-2-pentanone	ND	4800	ug/kg	26

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

GC/MS Volatiles

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD711CA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	480	ug/kg	24
Styrene	ND	95	ug/kg	67
1,1,2,2-Tetrachloroethane	ND	95	ug/kg	19
Tetrachloroethene	ND	95	ug/kg	21
Toluene	ND	190	ug/kg	22
1,2,4-Trichloro-benzene	ND	480	ug/kg	29
1,1,1-Trichloroethane	ND	95	ug/kg	23
1,1,2-Trichloroethane	ND	95	ug/kg	24
Trichloroethene	ND	95	ug/kg	29
Trichlorofluoromethane	ND	190	ug/kg	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	480	ug/kg	24
Vinyl chloride	ND	76	ug/kg	38
Xylenes (total)	**300**	**290**	**ug/kg**	**36**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115 DIL	(59 - 138)
1,2-Dichloroethane-d4	130 DIL	(61 - 130)
Toluene-d8	103 DIL	(60 - 143)
4-Bromofluorobenzene	314 DIL,*	(47 - 158)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Elevated reporting limits due to TICs.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

GC/MS Volatiles

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD741AN **Matrix.....:** SO
Date Sampled...: 12/03/07 10:30 **Date Received..:** 12/04/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7343036
Dilution Factor: 0.84
% Moisture.....: 5.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.6
Benzene	ND	4.4	ug/kg	0.20
Bromodichloromethane	ND	4.4	ug/kg	0.25
Bromoform	ND	4.4	ug/kg	0.29
Bromomethane	ND	4.4	ug/kg	0.48
2-Butanone	ND	18	ug/kg	1.2
Carbon disulfide	ND	4.4	ug/kg	0.39
Carbon tetrachloride	ND	4.4	ug/kg	0.33
Chlorobenzene	ND	4.4	ug/kg	0.29
Dibromochloromethane	ND	4.4	ug/kg	0.49
1,2-Dibromo-3-chloro-propane	ND	8.8	ug/kg	1.1
Chloroethane	ND	4.4	ug/kg	0.76
Chloroform	ND	4.4	ug/kg	0.26
Chloromethane	ND	4.4	ug/kg	0.36
Cyclohexane	ND	8.8	ug/kg	0.29
1,2-Dibromoethane	ND	4.4	ug/kg	0.44
1,2-Dichlorobenzene	ND	4.4	ug/kg	0.32
1,3-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.4	ug/kg	0.58
Dichlorodifluoromethane	ND	4.4	ug/kg	0.44
1,1-Dichloroethane	ND	4.4	ug/kg	0.32
1,2-Dichloroethane	ND	4.4	ug/kg	0.30
1,1-Dichloroethene	ND	4.4	ug/kg	0.46
cis-1,2-Dichloroethene	ND	4.4	ug/kg	0.32
trans-1,2-Dichloroethene	ND	4.4	ug/kg	0.36
1,2-Dichloropropane	ND	4.4	ug/kg	0.61
cis-1,3-Dichloropropene	ND	4.4	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.4	ug/kg	0.48
Ethylbenzene	ND	4.4	ug/kg	0.23
Trichlorofluoromethane	ND	4.4	ug/kg	0.30
2-Hexanone	ND	18	ug/kg	0.56
Isopropylbenzene	ND	4.4	ug/kg	0.14
Methyl acetate	ND	8.8	ug/kg	1.2
Methylcyclohexane	ND	8.8	ug/kg	0.27
Methylene chloride	ND	4.4	ug/kg	0.59
4-Methyl-2-pentanone	ND	18	ug/kg	0.48
Styrene	ND	4.4	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

GC/MS Volatiles

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD741AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.4	ug/kg	0.30
Tetrachloroethene	ND	4.4	ug/kg	0.46
Toluene	**0.30 J**	**4.4**	**ug/kg**	**0.24**
1,2,4-Trichloro-benzene	ND	4.4	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.4	ug/kg	0.50
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.34
Trichloroethene	**0.80 J**	**4.4**	**ug/kg**	**0.37**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.1
1,2,4-Trimethylbenzene	**0.85 J**	**4.4**	**ug/kg**	**0.57**
1,3,5-Trimethylbenzene	**2.3 J,B**	**4.4**	**ug/kg**	**0.22**
Vinyl chloride	ND	4.4	ug/kg	0.34
Xylenes (total)	**0.73 J**	**8.8**	**ug/kg**	**0.59**
Methyl tert-butyl ether	ND	18	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	71	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	79	(60 - 143)
4-Bromofluorobenzene	129	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

GC/MS Volatiles

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD751AN **Matrix.....:** SO
Date Sampled...: 12/03/07 12:20 **Date Received..:** 12/04/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341257
Dilution Factor: 0.76
% Moisture.....: 3.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.0
Benzene	ND	3.9	ug/kg	0.18
Bromodichloromethane	ND	3.9	ug/kg	0.22
Bromoform	ND	3.9	ug/kg	0.26
Bromomethane	ND	3.9	ug/kg	0.43
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	3.9	ug/kg	0.35
Carbon tetrachloride	ND	3.9	ug/kg	0.29
Chlorobenzene	ND	3.9	ug/kg	0.26
Dibromochloromethane	ND	3.9	ug/kg	0.43
1,2-Dibromo-3-chloro-propane	ND	7.9	ug/kg	1.0
Chloroethane	ND	3.9	ug/kg	0.68
Chloroform	ND	3.9	ug/kg	0.23
Chloromethane	ND	3.9	ug/kg	0.32
Cyclohexane	ND	7.9	ug/kg	0.26
1,2-Dibromoethane	ND	3.9	ug/kg	0.39
1,2-Dichlorobenzene	ND	3.9	ug/kg	0.28
1,3-Dichlorobenzene	ND	3.9	ug/kg	0.28
1,4-Dichlorobenzene	ND	3.9	ug/kg	0.52
Dichlorodifluoromethane	ND	3.9	ug/kg	0.39
1,1-Dichloroethane	ND	3.9	ug/kg	0.28
1,2-Dichloroethane	ND	3.9	ug/kg	0.27
1,1-Dichloroethene	ND	3.9	ug/kg	0.41
cis-1,2-Dichloroethene	ND	3.9	ug/kg	0.28
trans-1,2-Dichloroethene	ND	3.9	ug/kg	0.32
1,2-Dichloropropane	ND	3.9	ug/kg	0.54
cis-1,3-Dichloropropene	ND	3.9	ug/kg	0.27
trans-1,3-Dichloropropene	ND	3.9	ug/kg	0.43
Ethylbenzene	ND	3.9	ug/kg	0.21
Trichlorofluoromethane	ND	3.9	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.50
Isopropylbenzene	ND	3.9	ug/kg	0.13
Methyl acetate	ND	7.9	ug/kg	1.1
Methylcyclohexane	ND	7.9	ug/kg	0.24
Methylene chloride	ND	3.9	ug/kg	0.53
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	3.9	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

GC/MS Volatiles

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD751AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.9	ug/kg	0.27
Tetrachloroethene	ND	3.9	ug/kg	0.41
Toluene	ND	3.9	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	3.9	ug/kg	0.21
1,1,1-Trichloroethane	ND	3.9	ug/kg	0.44
1,1,2-Trichloroethane	ND	3.9	ug/kg	0.31
Trichloroethene	ND	3.9	ug/kg	0.33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.9	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	3.9	ug/kg	0.51
1,3,5-Trimethylbenzene	ND	3.9	ug/kg	0.20
Vinyl chloride	ND	3.9	ug/kg	0.31
Xylenes (total)	ND	7.9	ug/kg	0.53
Methyl tert-butyl ether	ND	16	ug/kg	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	87	(60 - 143)
4-Bromofluorobenzene	97	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

GC/MS Volatiles

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD761AN **Matrix.....:** SO
Date Sampled...: 12/03/07 14:00 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7339422
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	89	ug/kg	29
1,3,5-Trimethylbenzene	ND	89	ug/kg	28
Acetone	ND	670	ug/kg	110
Benzene	**9.8 J**	**45**	**ug/kg**	**7.1**
Bromodichloromethane	ND	89	ug/kg	13
Bromoform	ND	89	ug/kg	14
Bromomethane	ND	220	ug/kg	28
2-Butanone	ND	670	ug/kg	55
Carbon disulfide	ND	220	ug/kg	22
Carbon tetrachloride	ND	45	ug/kg	13
Chlorobenzene	ND	45	ug/kg	7.0
Chloroethane	ND	220	ug/kg	72
Chloroform	ND	45	ug/kg	13
Chloromethane	ND	220	ug/kg	5.8
Cyclohexane	**20 J**	**1100**	**ug/kg**	**8.6**
Dibromochloromethane	ND	45	ug/kg	7.7
1,2-Dibromo-3-chloro-propane	ND	220	ug/kg	67
1,2-Dibromoethane	ND	220	ug/kg	11
1,2-Dichlorobenzene	ND	89	ug/kg	19
1,3-Dichlorobenzene	ND	89	ug/kg	8.0
1,4-Dichlorobenzene	ND	89	ug/kg	8.8
Dichlorodifluoromethane	ND	89	ug/kg	6.0
1,1-Dichloroethane	ND	45	ug/kg	8.1
1,2-Dichloroethane	ND	45	ug/kg	10
1,1-Dichloroethene	ND	45	ug/kg	9.2
cis-1,2-Dichloroethene	ND	45	ug/kg	16
trans-1,2-Dichloroethene	ND	45	ug/kg	12
1,2-Dichloropropane	ND	45	ug/kg	8.2
cis-1,3-Dichloropropene	ND	45	ug/kg	6.1
trans-1,3-Dichloropropene	ND	45	ug/kg	6.0
Ethylbenzene	**14 J**	**45**	**ug/kg**	**7.6**
2-Hexanone	ND	2200	ug/kg	27
Isopropylbenzene	**6.0 J**	**220**	**ug/kg**	**5.7**
Methyl acetate	**110 J**	**1100**	**ug/kg**	**58**
Methylene chloride	ND	220	ug/kg	110
Methylcyclohexane	**61 J**	**1100**	**ug/kg**	**6.4**
4-Methyl-2-pentanone	**18 J**	**2200**	**ug/kg**	**12**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

GC/MS Volatiles

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD761AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	220	ug/kg	11
Styrene	ND	45	ug/kg	31
1,1,2,2-Tetrachloroethane	ND	45	ug/kg	9.1
Tetrachloroethene	ND	45	ug/kg	10
Toluene	**42 J**	**89**	**ug/kg**	**10**
1,2,4-Trichloro-benzene	ND	220	ug/kg	13
1,1,1-Trichloroethane	ND	45	ug/kg	11
1,1,2-Trichloroethane	ND	45	ug/kg	11
Trichloroethene	ND	45	ug/kg	13
Trichlorofluoromethane	ND	89	ug/kg	9.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	220	ug/kg	11
Vinyl chloride	ND	36	ug/kg	18
Xylenes (total)	**82 J**	**130**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	109	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

GC/MS Volatiles

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD771AN **Matrix.....:** SO
Date Sampled...: 12/03/07 15:30 **Date Received..:** 12/04/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7343036
Dilution Factor: 0.76
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.5
Benzene	ND	4.4	ug/kg	0.20
Bromodichloromethane	ND	4.4	ug/kg	0.24
Bromoform	ND	4.4	ug/kg	0.29
Bromomethane	ND	4.4	ug/kg	0.47
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.4	ug/kg	0.38
Carbon tetrachloride	ND	4.4	ug/kg	0.32
Chlorobenzene	ND	4.4	ug/kg	0.29
Dibromochloromethane	ND	4.4	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.7	ug/kg	1.1
Chloroethane	ND	4.4	ug/kg	0.75
Chloroform	ND	4.4	ug/kg	0.25
Chloromethane	ND	4.4	ug/kg	0.36
Cyclohexane	ND	8.7	ug/kg	0.29
1,2-Dibromoethane	ND	4.4	ug/kg	0.44
1,2-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.4	ug/kg	0.58
Dichlorodifluoromethane	ND	4.4	ug/kg	0.44
1,1-Dichloroethane	ND	4.4	ug/kg	0.31
1,2-Dichloroethane	ND	4.4	ug/kg	0.30
1,1-Dichloroethene	ND	4.4	ug/kg	0.45
cis-1,2-Dichloroethene	ND	4.4	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.4	ug/kg	0.36
1,2-Dichloropropane	ND	4.4	ug/kg	0.60
cis-1,3-Dichloropropene	ND	4.4	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.4	ug/kg	0.47
Ethylbenzene	ND	4.4	ug/kg	0.23
Trichlorofluoromethane	ND	4.4	ug/kg	0.30
2-Hexanone	ND	17	ug/kg	0.55
Isopropylbenzene	ND	4.4	ug/kg	0.14
Methyl acetate	ND	8.7	ug/kg	1.2
Methylcyclohexane	ND	8.7	ug/kg	0.27
Methylene chloride	ND	4.4	ug/kg	0.59
4-Methyl-2-pentanone	ND	17	ug/kg	0.47
Styrene	ND	4.4	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

GC/MS Volatiles

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD771AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.4	ug/kg	0.30
Tetrachloroethene	ND	4.4	ug/kg	0.45
Toluene	ND	4.4	ug/kg	0.24
1,2,4-Trichloro-benzene	ND	4.4	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.4	ug/kg	0.49
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.34
Trichloroethene	ND	4.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.4	ug/kg	0.57
1,3,5-Trimethylbenzene	**0.55 J,B**	**4.4**	**ug/kg**	**0.22**
Vinyl chloride	ND	4.4	ug/kg	0.34
Xylenes (total)	ND	8.7	ug/kg	0.59
Methyl tert-butyl ether	ND	17	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	102	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

GC/MS Volatiles

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD781AN **Matrix.....:** SO
Date Sampled...: 12/03/07 15:35 **Date Received..:** 12/04/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341257
Dilution Factor: 0.82
% Moisture.....: 8.9 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.7
Benzene	ND	4.5	ug/kg	0.21
Bromodichloromethane	ND	4.5	ug/kg	0.25
Bromoform	ND	4.5	ug/kg	0.30
Bromomethane	ND	4.5	ug/kg	0.49
2-Butanone	ND	18	ug/kg	1.3
Carbon disulfide	ND	4.5	ug/kg	0.40
Carbon tetrachloride	ND	4.5	ug/kg	0.33
Chlorobenzene	ND	4.5	ug/kg	0.30
Dibromochloromethane	ND	4.5	ug/kg	0.50
1,2-Dibromo-3-chloro-propane	ND	9.0	ug/kg	1.2
Chloroethane	ND	4.5	ug/kg	0.77
Chloroform	ND	4.5	ug/kg	0.26
Chloromethane	ND	4.5	ug/kg	0.37
Cyclohexane	ND	9.0	ug/kg	0.30
1,2-Dibromoethane	ND	4.5	ug/kg	0.45
1,2-Dichlorobenzene	ND	4.5	ug/kg	0.32
1,3-Dichlorobenzene	ND	4.5	ug/kg	0.32
1,4-Dichlorobenzene	ND	4.5	ug/kg	0.59
Dichlorodifluoromethane	ND	4.5	ug/kg	0.45
1,1-Dichloroethane	ND	4.5	ug/kg	0.32
1,2-Dichloroethane	ND	4.5	ug/kg	0.31
1,1-Dichloroethene	ND	4.5	ug/kg	0.47
cis-1,2-Dichloroethene	ND	4.5	ug/kg	0.32
trans-1,2-Dichloroethene	ND	4.5	ug/kg	0.37
1,2-Dichloropropane	ND	4.5	ug/kg	0.62
cis-1,3-Dichloropropene	ND	4.5	ug/kg	0.31
trans-1,3-Dichloropropene	ND	4.5	ug/kg	0.49
Ethylbenzene	ND	4.5	ug/kg	0.23
Trichlorofluoromethane	ND	4.5	ug/kg	0.31
2-Hexanone	ND	18	ug/kg	0.57
Isopropylbenzene	ND	4.5	ug/kg	0.14
Methyl acetate	ND	9.0	ug/kg	1.3
Methylcyclohexane	ND	9.0	ug/kg	0.28
Methylene chloride	ND	4.5	ug/kg	0.60
4-Methyl-2-pentanone	ND	18	ug/kg	0.49
Styrene	ND	4.5	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

GC/MS Volatiles

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD781AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.5	ug/kg	0.31
Tetrachloroethene	ND	4.5	ug/kg	0.47
Toluene	ND	4.5	ug/kg	0.24
1,2,4-Trichloro-benzene	ND	4.5	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.5	ug/kg	0.50
1,1,2-Trichloroethane	ND	4.5	ug/kg	0.35
Trichloroethene	ND	4.5	ug/kg	0.38
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.5	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.5	ug/kg	0.59
1,3,5-Trimethylbenzene	ND	4.5	ug/kg	0.23
Vinyl chloride	ND	4.5	ug/kg	0.35
Xylenes (total)	ND	9.0	ug/kg	0.60
Methyl tert-butyl ether	ND	18	ug/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	81	(60 - 143)
4-Bromofluorobenzene	90	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120307-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L040225-008 **Work Order #...:** KDD791AA **Matrix.....:** SQ
Date Sampled...: 12/03/07 **Date Received..:** 12/04/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341257
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120307-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L040225-008 **Work Order #...:** KDD791AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(59 - 138)
1,2-Dichloroethane-d4	113	(61 - 130)
Toluene-d8	98	(60 - 143)
4-Bromofluorobenzene	103	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120307-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L040225-008 **Work Order #...:** KDD791AC **Matrix.....:** SQ
Date Sampled...: 12/03/07 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7339422
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	80	ug/kg	26
1,3,5-Trimethylbenzene	ND	80	ug/kg	25
Acetone	ND	600	ug/kg	99
Benzene	ND	40	ug/kg	6.4
Bromodichloromethane	ND	80	ug/kg	12
Bromoform	ND	80	ug/kg	13
Bromomethane	ND	200	ug/kg	25
2-Butanone	ND	600	ug/kg	49
Carbon disulfide	ND	200	ug/kg	20
Carbon tetrachloride	ND	40	ug/kg	12
Chlorobenzene	ND	40	ug/kg	6.3
Chloroethane	ND	200	ug/kg	65
Chloroform	ND	40	ug/kg	12
Chloromethane	ND	200	ug/kg	5.2
Cyclohexane	ND	960	ug/kg	7.7
Dibromochloromethane	ND	40	ug/kg	6.9
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	60
1,2-Dibromoethane	ND	200	ug/kg	9.9
1,2-Dichlorobenzene	ND	80	ug/kg	17
1,3-Dichlorobenzene	ND	80	ug/kg	7.2
1,4-Dichlorobenzene	ND	80	ug/kg	7.9
Dichlorodifluoromethane	ND	80	ug/kg	5.4
1,1-Dichloroethane	ND	40	ug/kg	7.3
1,2-Dichloroethane	ND	40	ug/kg	9.3
1,1-Dichloroethene	ND	40	ug/kg	8.3
cis-1,2-Dichloroethene	ND	40	ug/kg	14
trans-1,2-Dichloroethene	ND	40	ug/kg	11
1,2-Dichloropropane	ND	40	ug/kg	7.4
cis-1,3-Dichloropropene	ND	40	ug/kg	5.5
trans-1,3-Dichloropropene	ND	40	ug/kg	5.4
Ethylbenzene	ND	40	ug/kg	6.8
2-Hexanone	ND	2000	ug/kg	24
Isopropylbenzene	ND	200	ug/kg	5.1
Methyl acetate	ND	960	ug/kg	52
Methylene chloride	ND	200	ug/kg	99
Methylcyclohexane	ND	960	ug/kg	5.7
4-Methyl-2-pentanone	ND	2000	ug/kg	11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120307-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L040225-008 **Work Order #...:** KDD791AC **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	200	ug/kg	10
Styrene	ND	40	ug/kg	28
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	8.2
Tetrachloroethene	ND	40	ug/kg	9.0
Toluene	ND	80	ug/kg	9.1
1,2,4-Trichloro-benzene	ND	200	ug/kg	12
1,1,1-Trichloroethane	ND	40	ug/kg	9.5
1,1,2-Trichloroethane	ND	40	ug/kg	9.9
Trichloroethene	ND	40	ug/kg	12
Trichlorofluoromethane	ND	80	ug/kg	8.3
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	10
Vinyl chloride	ND	32	ug/kg	16
Xylenes (total)	ND	120	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
1,2-Dichloroethane-d4	111	(61 - 130)
Toluene-d8	95	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W2A5 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7342022
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.4
Acetophenone	ND	110	ug/kg	29
Anthracene	**7.9**	**7.5**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**25**	**7.5**	**ug/kg**	**1.1**
Benzo(a)pyrene	**21**	**7.5**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**32**	**7.5**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**18**	**7.5**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**11**	**7.5**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**24 J**	**57**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	57	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	29
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	**27**	**7.5**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W2A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	**62**	**7.5**	**ug/kg**	**1.4**
Fluorene	ND	7.5	ug/kg	1.4
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	**12**	**7.5**	**ug/kg**	**1.7**
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	**29**	**7.5**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	28
Pyrene	**39**	**7.5**	**ug/kg**	**1.2**
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W2A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(24 - 112)
2-Fluorobiphenyl	56	(34 - 110)
Terphenyl-d14	75	(41 - 119)
Phenol-d5	47	(28 - 110)
2-Fluorophenol	47	(26 - 110)
2,4,6-Tribromophenol	60	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD711AG **Matrix.....:** SO
Date Sampled...: 12/03/07 09:30 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 10
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1200	ug/kg	310
Pyridine	ND	1200	ug/kg	200
Acenaphthene	ND	79	ug/kg	15
Acenaphthylene	ND	79	ug/kg	14
Acetophenone	ND	1200	ug/kg	310
Anthracene	ND	79	ug/kg	15
Atrazine	ND	2400	ug/kg	250
Benzo(a)anthracene	ND	79	ug/kg	11
Benzo(a)pyrene	ND	79	ug/kg	15
Benzo(b)fluoranthene	ND	79	ug/kg	14
Benzo(ghi)perylene	ND	79	ug/kg	15
Benzo(k)fluoranthene	ND	79	ug/kg	20
Benzaldehyde	ND	1200	ug/kg	250
1,1'-Biphenyl	ND	590	ug/kg	270
bis(2-Chloroethoxy) methane	ND	1200	ug/kg	260
bis(2-Chloroethyl)-ether	ND	1200	ug/kg	24
bis(2-Ethylhexyl) phthalate	ND	590	ug/kg	210
4-Bromophenyl phenyl ether	ND	590	ug/kg	250
Butyl benzyl phthalate	ND	590	ug/kg	230
Caprolactam	ND	3900	ug/kg	440
Carbazole	ND	590	ug/kg	230
4-Chloroaniline	ND	1800	ug/kg	200
4-Chloro-3-methylphenol	ND	1800	ug/kg	250
2-Chloronaphthalene	ND	590	ug/kg	260
2-Chlorophenol	ND	590	ug/kg	310
4-Chlorophenyl phenyl ether	ND	590	ug/kg	290
Chrysene	ND	79	ug/kg	11
Dibenz(a,h)anthracene	ND	79	ug/kg	15
Dibenzofuran	ND	590	ug/kg	240
3,3'-Dichlorobenzidine	ND	1200	ug/kg	210
2,4-Dichlorophenol	ND	1800	ug/kg	240
Diethyl phthalate	ND	590	ug/kg	230

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD711AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1800	ug/kg	240
Dimethyl phthalate	ND	590	ug/kg	250
Di-n-butyl phthalate	ND	590	ug/kg	230
4,6-Dinitro-2-methylphenol	ND	1800	ug/kg	150
2,4-Dinitrophenol	ND	3900	ug/kg	990
2,4-Dinitrotoluene	ND	2400	ug/kg	210
2,6-Dinitrotoluene	ND	2400	ug/kg	250
Di-n-octyl phthalate	ND	590	ug/kg	210
Fluoranthene	ND	79	ug/kg	14
Fluorene	ND	79	ug/kg	14
Hexachlorobenzene	ND	79	ug/kg	25
Hexachlorobutadiene	ND	590	ug/kg	310
Hexachlorocyclopenta-diene	ND	3900	ug/kg	190
Hexachloroethane	ND	590	ug/kg	330
Indeno(1,2,3-cd)pyrene	ND	79	ug/kg	18
Isophorone	ND	590	ug/kg	250
2-Methylnaphthalene	ND	79	ug/kg	18
2-Methylphenol	ND	2400	ug/kg	330
4-Methylphenol	ND	2400	ug/kg	260
Naphthalene	ND	79	ug/kg	19
2-Nitroaniline	ND	2400	ug/kg	260
3-Nitroaniline	ND	2400	ug/kg	190
4-Nitroaniline	ND	2400	ug/kg	310
Nitrobenzene	ND	1200	ug/kg	26
2-Nitrophenol	ND	590	ug/kg	230
4-Nitrophenol	ND	3900	ug/kg	1300
N-Nitrosodi-n-propyl-amine	ND	590	ug/kg	270
N-Nitrosodiphenylamine	ND	590	ug/kg	250
Pentachlorophenol	ND	1800	ug/kg	970
Phenanthrene	**96**	**79**	**ug/kg**	**24**
Phenol	ND	590	ug/kg	300
Pyrene	ND	79	ug/kg	13
2,4,5-Trichloro-phenol	ND	1800	ug/kg	300
2,4,6-Trichloro-phenol	ND	1800	ug/kg	250

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD711AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	189 DIL,*	(24 - 112)
2-Fluorobiphenyl	74 DIL	(34 - 110)
Terphenyl-d14	84 DIL	(41 - 119)
Phenol-d5	67 DIL	(28 - 110)
2-Fluorophenol	50 DIL	(26 - 110)
2,4,6-Tribromophenol	78 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD741AG **Matrix.....:** SO
Date Sampled...: 12/03/07 10:30 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 10
% Moisture.....: 5.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1100	ug/kg	270
Pyridine	ND	1100	ug/kg	180
Acenaphthene	**210**	**70**	**ug/kg**	**14**
Acenaphthylene	**470**	**70**	**ug/kg**	**13**
Acetophenone	ND	1100	ug/kg	270
Anthracene	**820**	**70**	**ug/kg**	**14**
Atrazine	ND	2100	ug/kg	220
Benzo(a)anthracene	**3700**	**70**	**ug/kg**	**10**
Benzo(a)pyrene	**2600**	**70**	**ug/kg**	**14**
Benzo(b)fluoranthene	**3600**	**70**	**ug/kg**	**13**
Benzo(ghi)perylene	**1500**	**70**	**ug/kg**	**14**
Benzo(k)fluoranthene	**1300**	**70**	**ug/kg**	**18**
Benzaldehyde	ND	1100	ug/kg	220
1,1'-Biphenyl	ND	530	ug/kg	240
bis(2-Chloroethoxy) methane	ND	1100	ug/kg	230
bis(2-Chloroethyl)-ether	ND	1100	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	530	ug/kg	190
4-Bromophenyl phenyl ether	ND	530	ug/kg	220
Butyl benzyl phthalate	ND	530	ug/kg	200
Caprolactam	ND	3500	ug/kg	390
Carbazole	**200 J**	**530**	**ug/kg**	**200**
4-Chloroaniline	ND	1600	ug/kg	180
4-Chloro-3-methylphenol	ND	1600	ug/kg	220
2-Chloronaphthalene	ND	530	ug/kg	230
2-Chlorophenol	ND	530	ug/kg	270
4-Chlorophenyl phenyl ether	ND	530	ug/kg	250
Chrysene	**2900**	**70**	**ug/kg**	**9.5**
Dibenz(a,h)anthracene	**430**	**70**	**ug/kg**	**14**
Dibenzofuran	**220 J**	**530**	**ug/kg**	**210**
3,3'-Dichlorobenzidine	ND	1100	ug/kg	190
2,4-Dichlorophenol	ND	1600	ug/kg	210
Diethyl phthalate	ND	530	ug/kg	200

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD741AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1600	ug/kg	210
Dimethyl phthalate	ND	530	ug/kg	220
Di-n-butyl phthalate	ND	530	ug/kg	200
4,6-Dinitro-2-methylphenol	ND	1600	ug/kg	140
2,4-Dinitrophenol	ND	3500	ug/kg	870
2,4-Dinitrotoluene	ND	2100	ug/kg	190
2,6-Dinitrotoluene	ND	2100	ug/kg	220
Di-n-octyl phthalate	ND	530	ug/kg	190
Fluoranthene	**10000**	**70**	**ug/kg**	**13**
Fluorene	**280**	**70**	**ug/kg**	**13**
Hexachlorobenzene	ND	70	ug/kg	22
Hexachlorobutadiene	ND	530	ug/kg	270
Hexachlorocyclopentadiene	ND	3500	ug/kg	170
Hexachloroethane	ND	530	ug/kg	290
Indeno(1,2,3-cd)pyrene	**1400**	**70**	**ug/kg**	**16**
Isophorone	ND	530	ug/kg	220
2-Methylnaphthalene	ND	70	ug/kg	16
2-Methylphenol	ND	2100	ug/kg	290
4-Methylphenol	ND	2100	ug/kg	230
Naphthalene	**79**	**70**	**ug/kg**	**17**
2-Nitroaniline	ND	2100	ug/kg	230
3-Nitroaniline	ND	2100	ug/kg	170
4-Nitroaniline	ND	2100	ug/kg	270
Nitrobenzene	ND	1100	ug/kg	23
2-Nitrophenol	ND	530	ug/kg	200
4-Nitrophenol	ND	3500	ug/kg	1200
N-Nitrosodi-n-propylamine	ND	530	ug/kg	240
N-Nitrosodiphenylamine	ND	530	ug/kg	220
Pentachlorophenol	ND	1600	ug/kg	860
Phenanthrene	**3400**	**70**	**ug/kg**	**21**
Phenol	ND	530	ug/kg	260
Pyrene	**8100**	**70**	**ug/kg**	**12**
2,4,5-Trichlorophenol	ND	1600	ug/kg	260
2,4,6-Trichlorophenol	ND	1600	ug/kg	220

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD741AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54 DIL	(24 - 112)
2-Fluorobiphenyl	64 DIL	(34 - 110)
Terphenyl-d14	74 DIL	(41 - 119)
Phenol-d5	54 DIL	(28 - 110)
2-Fluorophenol	22 DIL,*	(26 - 110)
2,4,6-Tribromophenol	0.0 DIL,*	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD751AG **Matrix.....:** SO
Date Sampled...: 12/03/07 12:20 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 1
% Moisture.....: 3.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	27
Pyridine	ND	100	ug/kg	18
Acenaphthene	ND	6.9	ug/kg	1.3
Acenaphthylene	ND	6.9	ug/kg	1.2
Acetophenone	ND	100	ug/kg	27
Anthracene	ND	6.9	ug/kg	1.3
Atrazine	ND	210	ug/kg	22
Benzo(a)anthracene	ND	6.9	ug/kg	0.99
Benzo(a)pyrene	ND	6.9	ug/kg	1.3
Benzo(b)fluoranthene	**12**	**6.9**	**ug/kg**	**1.2**
Benzo(ghi)perylene	ND	6.9	ug/kg	1.3
Benzo(k)fluoranthene	ND	6.9	ug/kg	1.8
Benzaldehyde	ND	100	ug/kg	22
1,1'-Biphenyl	ND	52	ug/kg	24
bis(2-Chloroethoxy) methane	ND	100	ug/kg	23
bis(2-Chloroethyl)-ether	ND	100	ug/kg	2.1
bis(2-Ethylhexyl) phthalate	ND	52	ug/kg	19
4-Bromophenyl phenyl ether	ND	52	ug/kg	22
Butyl benzyl phthalate	ND	52	ug/kg	20
Caprolactam	ND	340	ug/kg	38
Carbazole	ND	52	ug/kg	20
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	52	ug/kg	23
2-Chlorophenol	ND	52	ug/kg	27
4-Chlorophenyl phenyl ether	ND	52	ug/kg	25
Chrysene	ND	6.9	ug/kg	0.93
Dibenz(a,h)anthracene	ND	6.9	ug/kg	1.3
Dibenzofuran	ND	52	ug/kg	21
3,3'-Dichlorobenzidine	ND	100	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
Diethyl phthalate	ND	52	ug/kg	20

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD751AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	52	ug/kg	22
Di-n-butyl phthalate	ND	52	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	13
2,4-Dinitrophenol	ND	340	ug/kg	86
2,4-Dinitrotoluene	ND	210	ug/kg	19
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	52	ug/kg	19
Fluoranthene	ND	6.9	ug/kg	1.2
Fluorene	ND	6.9	ug/kg	1.2
Hexachlorobenzene	ND	6.9	ug/kg	2.2
Hexachlorobutadiene	ND	52	ug/kg	27
Hexachlorocyclopenta-diene	ND	340	ug/kg	17
Hexachloroethane	ND	52	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	6.9	ug/kg	1.6
Isophorone	ND	52	ug/kg	22
2-Methylnaphthalene	**21**	**6.9**	**ug/kg**	**1.6**
2-Methylphenol	ND	210	ug/kg	29
4-Methylphenol	ND	210	ug/kg	23
Naphthalene	**12**	**6.9**	**ug/kg**	**1.7**
2-Nitroaniline	ND	210	ug/kg	23
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	27
Nitrobenzene	ND	100	ug/kg	2.3
2-Nitrophenol	ND	52	ug/kg	20
4-Nitrophenol	ND	340	ug/kg	110
N-Nitrosodi-n-propyl-amine	ND	52	ug/kg	24
N-Nitrosodiphenylamine	ND	52	ug/kg	22
Pentachlorophenol	ND	160	ug/kg	85
Phenanthrene	**9.2**	**6.9**	**ug/kg**	**2.1**
Phenol	ND	52	ug/kg	26
Pyrene	ND	6.9	ug/kg	1.1
2,4,5-Trichloro-phenol	ND	160	ug/kg	26
2,4,6-Trichloro-phenol	ND	160	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD751AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	75	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	59	(26 - 110)
2,4,6-Tribromophenol	55	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD761AG **Matrix.....:** SO
Date Sampled...: 12/03/07 14:00 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 10
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1100	ug/kg	290
Pyridine	ND	1100	ug/kg	190
Acenaphthene	ND	74	ug/kg	14
Acenaphthylene	ND	74	ug/kg	13
Acetophenone	ND	1100	ug/kg	290
Anthracene	ND	74	ug/kg	14
Atrazine	ND	2200	ug/kg	230
Benzo(a)anthracene	**160**	**74**	**ug/kg**	**11**
Benzo(a)pyrene	**120**	**74**	**ug/kg**	**14**
Benzo(b)fluoranthene	**250**	**74**	**ug/kg**	**13**
Benzo(ghi)perylene	ND	74	ug/kg	14
Benzo(k)fluoranthene	ND	74	ug/kg	19
Benzaldehyde	ND	1100	ug/kg	230
1,1'-Biphenyl	ND	560	ug/kg	260
bis(2-Chloroethoxy) methane	ND	1100	ug/kg	250
bis(2-Chloroethyl)-ether	ND	1100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	560	ug/kg	200
4-Bromophenyl phenyl ether	ND	560	ug/kg	230
Butyl benzyl phthalate	ND	560	ug/kg	210
Caprolactam	ND	3700	ug/kg	410
Carbazole	ND	560	ug/kg	210
4-Chloroaniline	ND	1700	ug/kg	190
4-Chloro-3-methylphenol	ND	1700	ug/kg	230
2-Chloronaphthalene	ND	560	ug/kg	250
2-Chlorophenol	ND	560	ug/kg	290
4-Chlorophenyl phenyl ether	ND	560	ug/kg	270
Chrysene	**170**	**74**	**ug/kg**	**10**
Dibenz(a,h)anthracene	ND	74	ug/kg	14
Dibenzofuran	ND	560	ug/kg	220
3,3'-Dichlorobenzidine	ND	1100	ug/kg	200
2,4-Dichlorophenol	ND	1700	ug/kg	220
Diethyl phthalate	ND	560	ug/kg	210

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD761AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1700	ug/kg	220
Dimethyl phthalate	ND	560	ug/kg	230
Di-n-butyl phthalate	ND	560	ug/kg	210
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	140
2,4-Dinitrophenol	ND	3700	ug/kg	920
2,4-Dinitrotoluene	ND	2200	ug/kg	200
2,6-Dinitrotoluene	ND	2200	ug/kg	230
Di-n-octyl phthalate	ND	560	ug/kg	200
Fluoranthene	**370**	**74**	**ug/kg**	**13**
Fluorene	ND	74	ug/kg	13
Hexachlorobenzene	ND	74	ug/kg	23
Hexachlorobutadiene	ND	560	ug/kg	290
Hexachlorocyclopenta-diene	ND	3700	ug/kg	180
Hexachloroethane	ND	560	ug/kg	310
Indeno(1,2,3-cd)pyrene	ND	74	ug/kg	17
Isophorone	ND	560	ug/kg	230
2-Methylnaphthalene	ND	74	ug/kg	17
2-Methylphenol	ND	2200	ug/kg	310
4-Methylphenol	ND	2200	ug/kg	250
Naphthalene	ND	74	ug/kg	18
2-Nitroaniline	ND	2200	ug/kg	250
3-Nitroaniline	ND	2200	ug/kg	180
4-Nitroaniline	ND	2200	ug/kg	290
Nitrobenzene	ND	1100	ug/kg	25
2-Nitrophenol	ND	560	ug/kg	210
4-Nitrophenol	ND	3700	ug/kg	1200
N-Nitrosodi-n-propyl-amine	ND	560	ug/kg	260
N-Nitrosodiphenylamine	ND	560	ug/kg	230
Pentachlorophenol	ND	1700	ug/kg	910
Phenanthrene	**190**	**74**	**ug/kg**	**22**
Phenol	ND	560	ug/kg	280
Pyrene	**320**	**74**	**ug/kg**	**12**
2,4,5-Trichloro-phenol	ND	1700	ug/kg	280
2,4,6-Trichloro-phenol	ND	1700	ug/kg	230

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD761AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49 DIL	(24 - 112)
2-Fluorobiphenyl	55 DIL	(34 - 110)
Terphenyl-d14	62 DIL	(41 - 119)
Phenol-d5	51 DIL	(28 - 110)
2-Fluorophenol	50 DIL	(26 - 110)
2,4,6-Tribromophenol	20 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD771AG **Matrix.....:** SO
Date Sampled...: 12/03/07 15:30 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 10
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1200	ug/kg	300
Pyridine	ND	1200	ug/kg	200
Acenaphthene	ND	77	ug/kg	15
Acenaphthylene	ND	77	ug/kg	14
Acetophenone	ND	1200	ug/kg	300
Anthracene	ND	77	ug/kg	15
Atrazine	ND	2300	ug/kg	240
Benzo(a)anthracene	ND	77	ug/kg	11
Benzo(a)pyrene	ND	77	ug/kg	15
Benzo(b)fluoranthene	**170**	**77**	**ug/kg**	**14**
Benzo(ghi)perylene	ND	77	ug/kg	15
Benzo(k)fluoranthene	ND	77	ug/kg	20
Benzaldehyde	ND	1200	ug/kg	240
1,1'-Biphenyl	ND	580	ug/kg	260
bis(2-Chloroethoxy) methane	ND	1200	ug/kg	250
bis(2-Chloroethyl)-ether	ND	1200	ug/kg	23
bis(2-Ethylhexyl) phthalate	ND	580	ug/kg	210
4-Bromophenyl phenyl ether	ND	580	ug/kg	240
Butyl benzyl phthalate	ND	580	ug/kg	220
Caprolactam	ND	3800	ug/kg	430
Carbazole	ND	580	ug/kg	220
4-Chloroaniline	ND	1700	ug/kg	200
4-Chloro-3-methylphenol	ND	1700	ug/kg	240
2-Chloronaphthalene	ND	580	ug/kg	250
2-Chlorophenol	ND	580	ug/kg	300
4-Chlorophenyl phenyl ether	ND	580	ug/kg	280
Chrysene	ND	77	ug/kg	10
Dibenz(a,h)anthracene	ND	77	ug/kg	15
Dibenzofuran	ND	580	ug/kg	230
3,3'-Dichlorobenzidine	ND	1200	ug/kg	210
2,4-Dichlorophenol	ND	1700	ug/kg	230
Diethyl phthalate	ND	580	ug/kg	220

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD771AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1700	ug/kg	230
Dimethyl phthalate	ND	580	ug/kg	240
Di-n-butyl phthalate	ND	580	ug/kg	220
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	150
2,4-Dinitrophenol	ND	3800	ug/kg	950
2,4-Dinitrotoluene	ND	2300	ug/kg	210
2,6-Dinitrotoluene	ND	2300	ug/kg	240
Di-n-octyl phthalate	ND	580	ug/kg	210
Fluoranthene	**85**	**77**	**ug/kg**	**14**
Fluorene	ND	77	ug/kg	14
Hexachlorobenzene	ND	77	ug/kg	24
Hexachlorobutadiene	ND	580	ug/kg	300
Hexachlorocyclopenta-diene	ND	3800	ug/kg	180
Hexachloroethane	ND	580	ug/kg	320
Indeno(1,2,3-cd)pyrene	ND	77	ug/kg	17
Isophorone	ND	580	ug/kg	240
2-Methylnaphthalene	ND	77	ug/kg	17
2-Methylphenol	ND	2300	ug/kg	320
4-Methylphenol	ND	2300	ug/kg	250
Naphthalene	ND	77	ug/kg	18
2-Nitroaniline	ND	2300	ug/kg	250
3-Nitroaniline	ND	2300	ug/kg	180
4-Nitroaniline	ND	2300	ug/kg	300
Nitrobenzene	ND	1200	ug/kg	25
2-Nitrophenol	ND	580	ug/kg	220
4-Nitrophenol	ND	3800	ug/kg	1300
N-Nitrosodi-n-propyl-amine	ND	580	ug/kg	260
N-Nitrosodiphenylamine	ND	580	ug/kg	240
Pentachlorophenol	ND	1700	ug/kg	940
Phenanthrene	ND	77	ug/kg	23
Phenol	ND	580	ug/kg	290
Pyrene	ND	77	ug/kg	13
2,4,5-Trichloro-phenol	ND	1700	ug/kg	290
2,4,6-Trichloro-phenol	ND	1700	ug/kg	240

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD771AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55 DIL	(24 - 112)
2-Fluorobiphenyl	64 DIL	(34 - 110)
Terphenyl-d14	75 DIL	(41 - 119)
Phenol-d5	51 DIL	(28 - 110)
2-Fluorophenol	62 DIL	(26 - 110)
2,4,6-Tribromophenol	70 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD781AG **Matrix.....:** SO
Date Sampled...: 12/03/07 15:35 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 1
% Moisture.....: 8.9 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	**13**	**7.3**	**ug/kg**	**1.4**
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	**56**	**7.3**	**ug/kg**	**1.0**
Benzo(a)pyrene	**51**	**7.3**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**73**	**7.3**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**39**	**7.3**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**29**	**7.3**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**73**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	**53**	**7.3**	**ug/kg**	**0.99**
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD781AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	**160**	**55**	**ug/kg**	**21**
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	**110**	**7.3**	**ug/kg**	**1.3**
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	**33**	**7.3**	**ug/kg**	**1.6**
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	**48**	**7.3**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	27
Pyrene	**87**	**7.3**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

GC/MS Semivolatiles

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD781AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	74	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	60	(26 - 110)
2,4,6-Tribromophenol	57	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

GC Semivolatiles

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W1A7 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	14
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	10
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 196)
Decachlorobiphenyl	95	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

GC Semivolatiles

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD711AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 09:30 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	15
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	17
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	12

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 196)
Decachlorobiphenyl	72	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

GC Semivolatiles

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD741AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 10:30 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 5.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	12
Aroclor 1221	ND	35	ug/kg	14
Aroclor 1232	ND	35	ug/kg	13
Aroclor 1242	ND	35	ug/kg	15
Aroclor 1248	**65**	**35**	**ug/kg**	**16**
Aroclor 1254	ND	35	ug/kg	9.3
Aroclor 1260	**11 J**	**35**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(10 - 196)
Decachlorobiphenyl	174	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

GC Semivolatiles

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD751AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 12:20 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 3.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	34	ug/kg	11
Aroclor 1221	ND	34	ug/kg	13
Aroclor 1232	ND	34	ug/kg	12
Aroclor 1242	ND	34	ug/kg	15
Aroclor 1248	ND	34	ug/kg	16
Aroclor 1254	ND	34	ug/kg	9.1
Aroclor 1260	ND	34	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 196)
Decachlorobiphenyl	69	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

GC Semivolatiles

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD761AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 14:00 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	14
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	**40**	**37**	**ug/kg**	**9.8**
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	88	(10 - 196)
Decachlorobiphenyl	76	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

GC Semivolatiles

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD771AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 15:30 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	**100**	**38**	**ug/kg**	**10**
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
Decachlorobiphenyl	70	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

GC Semivolatiles

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD781AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 15:35 **Date Received..:** 12/04/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7338347
Dilution Factor: 1
% Moisture.....: 8.9 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	**100**	**36**	**ug/kg**	**9.7**
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

TOTAL Metals

Lot-Sample #...: A7L040225-001 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**11.6**	**0.45**	**mg/kg**	**SW846 7196A**	**12/05/07**	**KDD7W1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7339027						
Silver	**0.059 B**	**0.090**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD7W1A2**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**7350**	**18.1**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AE**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**3.1**	**0.090**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD7W1A0**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**35.1 J**	**0.90**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AF**
		Dilution Factor: 1		MDL.....: 0.080		
Beryllium	**0.053 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AG**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**44300 J**	**452**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AJ**
		Dilution Factor: 1		MDL.....: 18.1		
Cadmium	**0.31 J**	**0.090**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AH**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**5.7**	**0.45**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**12.3**	**0.45**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**12.3**	**0.90**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AL**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**12900**	**9.0**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AM**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.017 B**	**0.045**	**mg/kg**	**SW846 7471A**	**12/05-12/06/07**	**KDD7W1AD**
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

TOTAL Metals

Lot-Sample #...: A7L040225-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1720**	**452**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AR**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**10500 J**	**90.5**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AN**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**294 J**	**0.90**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AP**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**531**	**90.5**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AT**
		Dilution Factor: 1		MDL.....: 74.7		
Nickel	**13.4**	**0.90**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AQ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**8.8**	**0.27**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AW**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.10 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD7W1AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	12/05-12/06/07	KDD7W1A1
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.10**	**0.090**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD7W1A3**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**17.2**	**0.90**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDD7W1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**28.6 J**	**0.90**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD7W1A4**
		Dilution Factor: 1		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

TOTAL Metals

Lot-Sample #...: A7L040225-002 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:30 **Date Received..:** 12/04/07
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**8.8**	**0.48**	**mg/kg**	**SW846 7196A**	**12/05-12/06/07**	**KDD711AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7339027						
Silver	**0.10**	**0.095**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD711AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**4350**	**19.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AQ**
		Dilution Factor: 1		MDL.....: 11.4		
Arsenic	**1.1**	**0.095**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD711AA**
		Dilution Factor: 1		MDL.....: 0.074		
Barium	**16.0 J**	**0.95**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AR**
		Dilution Factor: 1		MDL.....: 0.084		
Beryllium	**0.14 B**	**0.19**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AT**
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**53300 J**	**475**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AV**
		Dilution Factor: 1		MDL.....: 19.0		
Cadmium	**0.21 J**	**0.095**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AU**
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**5.3**	**0.48**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**8.8**	**0.48**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**12.1**	**0.95**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711AX**
		Dilution Factor: 1		MDL.....: 0.88		
Iron	**7290**	**9.5**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A0**
		Dilution Factor: 1		MDL.....: 5.8		
Mercury	**0.019 B**	**0.048**	**mg/kg**	**SW846 7471A**	**12/05-12/06/07**	**KDD711AP**
		Dilution Factor: 1		MDL.....: 0.018		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

TOTAL Metals

Lot-Sample #...: A7L040225-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**801**	**475**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A4**
		Dilution Factor: 1		MDL.....: 7.4		
Magnesium	**8190 J**	**95.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A1**
		Dilution Factor: 1		MDL.....: 6.1		
Manganese	**322 J**	**0.95**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A2**
		Dilution Factor: 1		MDL.....: 0.088		
Sodium	**633**	**95.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A5**
		Dilution Factor: 1		MDL.....: 78.4		
Nickel	**12.7**	**0.95**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**7.5**	**0.29**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A8**
		Dilution Factor: 1		MDL.....: 0.23		
Antimony	**0.059 B,J**	**0.19**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD711A9**
		Dilution Factor: 1		MDL.....: 0.029		
Selenium	**0.31**	**0.20**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD711AC**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.19**	**0.095**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD711AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**10.8**	**0.95**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD711A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**42.6 J**	**0.95**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD711AF**
		Dilution Factor: 1		MDL.....: 0.52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

TOTAL Metals

Lot-Sample #...: A7L040225-003 **Matrix.....:** SO
Date Sampled...: 12/03/07 10:30 **Date Received..:** 12/04/07
% Moisture.....: 5.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**8.3**	**0.42**	**mg/kg**	**SW846 7196A**	**12/05-12/06/07**	**KDD741AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7339027						
Silver	**0.070 B**	**0.084**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD741AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**4850**	**16.8**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AQ**
		Dilution Factor: 1		MDL.....: 10.1		
Arsenic	**3.0**	**0.084**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD741AA**
		Dilution Factor: 1		MDL.....: 0.065		
Barium	**42.2 J**	**0.84**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AR**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	**0.25**	**0.17**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AT**
		Dilution Factor: 1		MDL.....: 0.045		
Calcium	**81100 J**	**2100**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AV**
		Dilution Factor: 5		MDL.....: 84.2		
Cadmium	**0.32 J**	**0.084**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AU**
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**2.8**	**0.42**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**8.3**	**0.42**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A7**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**8.8**	**0.84**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741AX**
		Dilution Factor: 1		MDL.....: 0.78		
Iron	**7500**	**8.4**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A0**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	ND	0.042	mg/kg	SW846 7471A	12/05-12/06/07	KDD741AP
		Dilution Factor: 1		MDL.....: 0.016		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

TOTAL Metals

Lot-Sample #...: A7L040225-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**806**	**421**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A4**
		Dilution Factor: 1		MDL.....: 6.5		
Magnesium	**16100 J**	**84.2**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A1**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**285 J**	**0.84**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A2**
		Dilution Factor: 1		MDL.....: 0.078		
Sodium	**308**	**84.2**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A5**
		Dilution Factor: 1		MDL.....: 69.5		
Nickel	**6.9**	**0.84**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A3**
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**16.2**	**0.25**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.12 B,J**	**0.17**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD741A9**
		Dilution Factor: 1		MDL.....: 0.025		
Selenium	**0.15 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD741AC**
		Dilution Factor: 1		MDL.....: 0.095		
Thallium	**0.052 B**	**0.084**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD741AE**
		Dilution Factor: 1		MDL.....: 0.014		
Vanadium	**13.8**	**0.84**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD741A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**27.7 J**	**0.84**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD741AF**
		Dilution Factor: 1		MDL.....: 0.46		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

TOTAL Metals

Lot-Sample #...: A7L040225-004 **Matrix.....:** SO
Date Sampled...: 12/03/07 12:20 **Date Received..:** 12/04/07
% Moisture.....: 3.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**4.0**	**0.42**	**mg/kg**	**SW846 7196A**	**12/05-12/06/07**	**KDD751AL**
		Dilution Factor: 1		MDL.....: 0.13		
Prep Batch #...: 7339027						
Silver	**0.024 B**	**0.083**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD751AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**1590**	**16.6**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751AQ**
		Dilution Factor: 1		MDL.....: 10		
Arsenic	**3.8**	**0.083**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD751AA**
		Dilution Factor: 1		MDL.....: 0.064		
Barium	**6.3 J**	**0.83**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751AR**
		Dilution Factor: 1		MDL.....: 0.074		
Beryllium	ND	0.17	mg/kg	SW846 6010B	12/05-12/06/07	KDD751AT
		Dilution Factor: 1		MDL.....: 0.045		
Calcium	**40100 J**	**415**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751AV**
		Dilution Factor: 1		MDL.....: 16.6		
Cadmium	**0.13 J**	**0.083**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751AU**
		Dilution Factor: 1		MDL.....: 0.037		
Cobalt	**1.8**	**0.42**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**4.0**	**0.42**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A7**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**3.8**	**0.83**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751AX**
		Dilution Factor: 1		MDL.....: 0.77		
Iron	**4430**	**8.3**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A0**
		Dilution Factor: 1		MDL.....: 5.1		
Mercury	ND	0.042	mg/kg	SW846 7471A	12/05-12/06/07	KDD751AP
		Dilution Factor: 1		MDL.....: 0.016		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

TOTAL Metals

Lot-Sample #...: A7L040225-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**274 B**	**415**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A4**
		Dilution Factor: 1		MDL.....: 6.4		
Magnesium	**14900 J**	**83.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A1**
		Dilution Factor: 1		MDL.....: 5.3		
Manganese	**116 J**	**0.83**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A2**
		Dilution Factor: 1		MDL.....: 0.077		
Sodium	**248**	**83.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A5**
		Dilution Factor: 1		MDL.....: 68.5		
Nickel	**3.7**	**0.83**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A3**
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**3.2**	**0.25**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.059 B,J**	**0.17**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD751A9**
		Dilution Factor: 1		MDL.....: 0.025		
Selenium	ND	0.18	mg/kg	SW846 6020	12/05-12/06/07	KDD751AC
		Dilution Factor: 1		MDL.....: 0.093		
Thallium	**0.040 B**	**0.083**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD751AE**
		Dilution Factor: 1		MDL.....: 0.013		
Vanadium	**6.4**	**0.83**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD751A6**
		Dilution Factor: 1		MDL.....: 0.12		
Zinc	**20.1 J**	**0.83**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD751AF**
		Dilution Factor: 1		MDL.....: 0.46		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

TOTAL Metals

Lot-Sample #...: A7L040225-005 **Matrix.....:** SO
Date Sampled...: 12/03/07 14:00 **Date Received..:** 12/04/07
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**17.6**	**0.45**	**mg/kg**	**SW846 7196A**	**12/05-12/06/07**	**KDD761AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7339027						
Silver	**0.094**	**0.089**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD761AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**7110**	**17.8**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AQ**
		Dilution Factor: 1		MDL.....: 10.7		
Arsenic	**3.5**	**0.089**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD761AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**58.8 J**	**0.89**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.25**	**0.18**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**40700 J**	**446**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AV**
		Dilution Factor: 1		MDL.....: 17.8		
Cadmium	**0.49 J**	**0.089**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**8.3**	**0.45**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**17.6**	**0.45**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**142**	**0.89**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761AX**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**16200**	**8.9**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A0**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.024 B**	**0.045**	**mg/kg**	**SW846 7471A**	**12/05-12/06/07**	**KDD761AP**
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

TOTAL Metals

Lot-Sample #...: A7L040225-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**747**	**446**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**10700 J**	**89.1**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**306 J**	**0.89**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A2**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**1040**	**89.1**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A5**
		Dilution Factor: 1		MDL.....: 73.5		
Nickel	**13.3**	**0.89**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**18.7**	**0.27**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.53 J**	**0.18**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD761A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.27**	**0.19**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD761AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.12**	**0.089**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD761AE**
		Dilution Factor: 1		MDL.....: 0.014		
Vanadium	**21.2**	**0.89**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD761A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**41.6 J**	**0.89**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD761AF**
		Dilution Factor: 1		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

TOTAL Metals

Lot-Sample #...: A7L040225-006 **Matrix.....:** SO
Date Sampled...: 12/03/07 15:30 **Date Received..:** 12/04/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**7.5**	**0.46**	**mg/kg**	**SW846 7196A**	**12/05-12/06/07**	**KDD771AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7339027						
Silver	**0.049 B**	**0.092**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD771AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**2720**	**18.4**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**4.4**	**0.092**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD771AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**27.9 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AR**
		Dilution Factor: 1		MDL.....: 0.082		
Beryllium	**0.077 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AT**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**76500 J**	**2300**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AV**
		Dilution Factor: 5		MDL.....: 92.0		
Cadmium	**0.33 J**	**0.092**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**5.1**	**0.46**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**7.5**	**0.46**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**12.0**	**0.92**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**8240**	**9.2**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	12/05-12/06/07	KDD771AP
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

TOTAL Metals

Lot-Sample #...: A7L040225-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**452 B**	**460**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**11400 J**	**92.0**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**232 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	ND	92.0	mg/kg	SW846 6010B	12/05-12/06/07	KDD771A5
		Dilution Factor: 1		MDL.....: 75.9		
Nickel	**9.8**	**0.92**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**14.7**	**0.28**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.10 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD771A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.11 B**	**0.20**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD771AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.11**	**0.092**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD771AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**8.8**	**0.92**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD771A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**29.9 J**	**0.92**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD771AF**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

TOTAL Metals

Lot-Sample #...: A7L040225-007 **Matrix.....:** SO
Date Sampled...: 12/03/07 15:35 **Date Received..:** 12/04/07
% Moisture.....: 8.9

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7339026						
Trivalent Chromium	**5.8**	**0.44**	**mg/kg**	**SW846 7196A**	**12/05-12/06/07**	**KDD781AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7339027						
Silver	**0.031 B**	**0.088**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD781AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**2480**	**17.6**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781AQ**
		Dilution Factor: 1		MDL.....: 10.5		
Arsenic	**3.5**	**0.088**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD781AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**15.9 J**	**0.88**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	ND	0.18	mg/kg	SW846 6010B	12/05-12/06/07	KDD781AT
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**45800 J**	**439**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781AV**
		Dilution Factor: 1		MDL.....: 17.6		
Cadmium	**0.22 J**	**0.088**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**2.9**	**0.44**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**5.8**	**0.44**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**8.9**	**0.88**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**6640**	**8.8**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	12/05-12/06/07	KDD781AP
		Dilution Factor: 1		MDL.....: 0.016		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

TOTAL Metals

Lot-Sample #...: A7L040225-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**377 B**	**439**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A4**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**10500 J**	**87.8**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**222 J**	**0.88**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	ND	87.8	mg/kg	SW846 6010B	12/05-12/06/07	KDD781A5
		Dilution Factor: 1		MDL.....: 72.5		
Nickel	**7.5**	**0.88**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**8.6**	**0.26**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.066 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD781A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	ND	0.19	mg/kg	SW846 6020	12/05-12/06/07	KDD781AC
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.084 B**	**0.088**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD781AE**
		Dilution Factor: 1		MDL.....: 0.014		
Vanadium	**7.9**	**0.88**	**mg/kg**	**SW846 6010B**	**12/05-12/06/07**	**KDD781A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**25.1 J**	**0.88**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDD781AF**
		Dilution Factor: 1		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-091

General Chemistry

Lot-Sample #...: A7L040225-001 **Work Order #...:** KDD7W **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.72 B**	**0.90**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-096

General Chemistry

Lot-Sample #...: A7L040225-002 **Work Order #...:** KDD71 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:30 **Date Received..:** 12/04/07
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.95	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-097

General Chemistry

Lot-Sample #...: A7L040225-003 **Work Order #...:** KDD74 **Matrix.....:** SO
Date Sampled...: 12/03/07 10:30 **Date Received..:** 12/04/07
% Moisture.....: 5.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.84	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**95.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-100

General Chemistry

Lot-Sample #...: A7L040225-004 **Work Order #...:** KDD75 **Matrix.....:** SO
Date Sampled...: 12/03/07 12:20 **Date Received..:** 12/04/07
% Moisture.....: 3.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.10		
Hexavalent Chromium	ND	0.83	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**96.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-102

General Chemistry

Lot-Sample #...: A7L040225-005 **Work Order #...:** KDD76 **Matrix.....:** SO
Date Sampled...: 12/03/07 14:00 **Date Received..:** 12/04/07
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-105

General Chemistry

Lot-Sample #...: A7L040225-006 **Work Order #...:** KDD77 **Matrix.....:** SO
Date Sampled...: 12/03/07 15:30 **Date Received..:** 12/04/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.92	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-106

General Chemistry

Lot-Sample #...: A7L040225-007 **Work Order #...:** KDD78 **Matrix.....:** SO
Date Sampled...: 12/03/07 15:35 **Date Received..:** 12/04/07
% Moisture.....: 8.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.88	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L050000-422
Prep Date.....: 12/04/07
Analysis Date..: 12/04/07 **Prep Batch #...:** 7339422
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Acetone	**100 J**	**600**	**ug/kg**	**SW846 8260B**
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	80	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	200	ug/kg	SW846 8260B
2-Butanone	ND	600	ug/kg	SW846 8260B
Carbon disulfide	ND	200	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Chloroethane	ND	200	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	200	ug/kg	SW846 8260B
Cyclohexane	ND	960	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	200	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
2-Hexanone	ND	2000	ug/kg	SW846 8260B
Isopropylbenzene	ND	200	ug/kg	SW846 8260B
Methyl acetate	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	80	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	200	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	109	(61 - 130)
Toluene-d8	101	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L070000-257
Prep Date.....: 12/06/07
Analysis Date..: 12/06/07 **Prep Batch #...:** 7341257
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	**0.94 J**	**20**	**ug/kg**	**SW846 8260B**
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**1.4 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.73 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L090000-036

Prep Date.....: 12/07/07
Analysis Date..: 12/07/07 **Prep Batch #...:** 7343036
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	**1.1 J**	**20**	**ug/kg**	**SW846 8260B**
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**11**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	**0.63 J**	**5.0**	**ug/kg**	**SW846 8260B**
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	89	(60 - 143)
4-Bromofluorobenzene	104	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-422 KDHNH1AD-LCSD
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339422
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	500	510	ug/kg	102		SW846 8260B
	500	480	ug/kg	96	6.0	SW846 8260B
1,3,5-Trimethylbenzene	500	520	ug/kg	104		SW846 8260B
	500	490	ug/kg	99	5.4	SW846 8260B
Acetone	500	510	ug/kg	102		SW846 8260B
	500	470	ug/kg	94	8.2	SW846 8260B
Benzene	**500**	**510**	**ug/kg**	**101**		**SW846 8260B**
	500	**480**	**ug/kg**	**97**	**4.5**	**SW846 8260B**
Bromodichloromethane	500	550	ug/kg	110		SW846 8260B
	500	470	ug/kg	94	15	SW846 8260B
Bromoform	500	350	ug/kg	70		SW846 8260B
	500	300	ug/kg	60	15	SW846 8260B
Bromomethane	500	260	ug/kg	53		SW846 8260B
	500	220	ug/kg	44	17	SW846 8260B
2-Butanone	500	480	ug/kg	96		SW846 8260B
	500	490	ug/kg	98	1.6	SW846 8260B
Carbon disulfide	500	460	ug/kg	93		SW846 8260B
	500	450	ug/kg	90	3.4	SW846 8260B
Carbon tetrachloride	500	490	ug/kg	99		SW846 8260B
	500	460	ug/kg	91	8.2	SW846 8260B
Chlorobenzene	**500**	**520**	**ug/kg**	**104**		**SW846 8260B**
	500	**500**	**ug/kg**	**100**	**4.3**	**SW846 8260B**
Chloroethane	500	370	ug/kg	74		SW846 8260B
	500	330	ug/kg	66	11	SW846 8260B
Chloroform	500	530	ug/kg	106		SW846 8260B
	500	510	ug/kg	103	3.3	SW846 8260B
Chloromethane	500	250	ug/kg	50		SW846 8260B
	500	250	ug/kg	51	0.95	SW846 8260B
Cyclohexane	500	450	ug/kg	90		SW846 8260B
	500	430	ug/kg	86	3.8	SW846 8260B
Dibromochloromethane	500	410	ug/kg	81		SW846 8260B
	500	370	ug/kg	73	10	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	360	ug/kg	73		SW846 8260B
	500	320	ug/kg	65	12	SW846 8260B
1,2-Dibromoethane	500	520	ug/kg	105		SW846 8260B
	500	490	ug/kg	97	7.5	SW846 8260B
1,2-Dichlorobenzene	500	510	ug/kg	101		SW846 8260B
	500	480	ug/kg	95	6.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-422 KDHNH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,3-Dichlorobenzene	500	510	ug/kg	103		SW846 8260B
	500	480	ug/kg	95	7.4	SW846 8260B
1,4-Dichlorobenzene	500	510	ug/kg	103		SW846 8260B
	500	480	ug/kg	97	5.9	SW846 8260B
Dichlorodifluoromethane	500	130 a	ug/kg	25		SW846 8260B
	500	160 a	ug/kg	31	20	SW846 8260B
1,1-Dichloroethane	500	520	ug/kg	103		SW846 8260B
	500	480	ug/kg	95	7.9	SW846 8260B
1,2-Dichloroethane	500	560	ug/kg	112		SW846 8260B
	500	520	ug/kg	104	8.0	SW846 8260B
1,1-Dichloroethene	**500**	**690**	**ug/kg**	**139**		**SW846 8260B**
	500	**650**	**ug/kg**	**130**	**6.6**	**SW846 8260B**
cis-1,2-Dichloroethene	500	470	ug/kg	95		SW846 8260B
	500	460	ug/kg	91	3.7	SW846 8260B
trans-1,2-Dichloroethene	500	510	ug/kg	103		SW846 8260B
	500	500	ug/kg	99	3.4	SW846 8260B
1,2-Dichloropropane	500	500	ug/kg	99		SW846 8260B
	500	490	ug/kg	98	1.8	SW846 8260B
cis-1,3-Dichloropropene	500	470	ug/kg	94		SW846 8260B
	500	430	ug/kg	86	8.5	SW846 8260B
trans-1,3-Dichloropropene	500	440	ug/kg	87		SW846 8260B
	500	410	ug/kg	81	6.9	SW846 8260B
Ethylbenzene	500	510	ug/kg	103		SW846 8260B
	500	510	ug/kg	102	1.2	SW846 8260B
2-Hexanone	500	390	ug/kg	79		SW846 8260B
	500	410	ug/kg	82	3.5	SW846 8260B
Isopropylbenzene	500	560	ug/kg	111		SW846 8260B
	500	530	ug/kg	107	4.1	SW846 8260B
Methyl acetate	500	570	ug/kg	113		SW846 8260B
	500	540	ug/kg	107	5.1	SW846 8260B
Methylene chloride	500	580	ug/kg	117		SW846 8260B
	500	0.0 a,p	ug/kg	0.0	200	SW846 8260B
Methylcyclohexane	500	480	ug/kg	96		SW846 8260B
	500	470	ug/kg	93	3.3	SW846 8260B
4-Methyl-2-pentanone	500	450	ug/kg	89		SW846 8260B
	500	440	ug/kg	88	1.4	SW846 8260B
Methyl tert-butyl ether	500	560	ug/kg	111		SW846 8260B
	500	530	ug/kg	107	4.2	SW846 8260B
Styrene	500	460	ug/kg	92		SW846 8260B
	500	440	ug/kg	88	5.3	SW846 8260B
1,1,2,2-Tetrachloroethane	500	500	ug/kg	101		SW846 8260B
	500	470	ug/kg	94	7.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-422 KDHNH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	500	520	ug/kg	105		SW846 8260B
	500	520	ug/kg	104	0.50	SW846 8260B
Toluene	**500**	**510**	**ug/kg**	**103**		**SW846 8260B**
	500	**480**	**ug/kg**	**97**	**6.0**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	460	ug/kg	93		SW846 8260B
	500	430	ug/kg	86	7.8	SW846 8260B
1,1,1-Trichloroethane	500	480	ug/kg	96		SW846 8260B
	500	440	ug/kg	87	9.3	SW846 8260B
1,1,2-Trichloroethane	500	530	ug/kg	107		SW846 8260B
	500	500	ug/kg	100	6.5	SW846 8260B
Trichloroethene	**500**	**520**	**ug/kg**	**104**		**SW846 8260B**
	500	**490**	**ug/kg**	**98**	**5.9**	**SW846 8260B**
Trichlorofluoromethane	500	530	ug/kg	105		SW846 8260B
	500	440	ug/kg	87	19	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	500	430	ug/kg	87		SW846 8260B
	500	390	ug/kg	79	9.6	SW846 8260B
Vinyl chloride	500	290	ug/kg	57		SW846 8260B
	500	290	ug/kg	58	1.3	SW846 8260B
Xylenes (total)	1500	1600	ug/kg	104		SW846 8260B
	1500	1500	ug/kg	100	4.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	115	(61 - 130)
	107	(61 - 130)
Toluene-d8	104	(60 - 143)
	99	(60 - 143)
4-Bromofluorobenzene	102	(47 - 158)
	98	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-422 KDHNH1AD-LCSD
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339422
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	102	(70 - 130)			SW846 8260B
	96	(70 - 130)	6.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	99	(70 - 130)	5.4	(0-30)	SW846 8260B
Acetone	102	(58 - 130)			SW846 8260B
	94	(58 - 130)	8.2	(0-30)	SW846 8260B
Benzene	**101**	**(75 - 129)**			**SW846 8260B**
	97	**(75 - 129)**	**4.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	110	(72 - 125)			SW846 8260B
	94	(72 - 125)	15	(0-30)	SW846 8260B
Bromoform	70	(43 - 149)			SW846 8260B
	60	(43 - 149)	15	(0-30)	SW846 8260B
Bromomethane	53	(24 - 152)			SW846 8260B
	44	(24 - 152)	17	(0-30)	SW846 8260B
2-Butanone	96	(27 - 200)			SW846 8260B
	98	(27 - 200)	1.6	(0-46)	SW846 8260B
Carbon disulfide	93	(50 - 137)			SW846 8260B
	90	(50 - 137)	3.4	(0-30)	SW846 8260B
Carbon tetrachloride	99	(57 - 137)			SW846 8260B
	91	(57 - 137)	8.2	(0-30)	SW846 8260B
Chlorobenzene	**104**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**4.3**	**(0-22)**	**SW846 8260B**
Chloroethane	74	(31 - 144)			SW846 8260B
	66	(31 - 144)	11	(0-30)	SW846 8260B
Chloroform	106	(73 - 115)			SW846 8260B
	103	(73 - 115)	3.3	(0-30)	SW846 8260B
Chloromethane	50	(15 - 136)			SW846 8260B
	51	(15 - 136)	0.95	(0-30)	SW846 8260B
Cyclohexane	90	(50 - 150)			SW846 8260B
	86	(50 - 150)	3.8	(0-20)	SW846 8260B
Dibromochloromethane	81	(49 - 135)			SW846 8260B
	73	(49 - 135)	10	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	73	(50 - 150)			SW846 8260B
	65	(50 - 150)	12	(0-30)	SW846 8260B
1,2-Dibromoethane	105	(50 - 150)			SW846 8260B
	97	(50 - 150)	7.5	(0-30)	SW846 8260B
1,2-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	95	(50 - 150)	6.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-422 KDHNH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	95	(50 - 150)	7.4	(0-20)	SW846 8260B
1,4-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	97	(50 - 150)	5.9	(0-20)	SW846 8260B
Dichlorodifluoromethane	25 a	(50 - 150)			SW846 8260B
	31 a	(50 - 150)	20	(0-20)	SW846 8260B
1,1-Dichloroethane	103	(77 - 119)			SW846 8260B
	95	(77 - 119)	7.9	(0-30)	SW846 8260B
1,2-Dichloroethane	112	(78 - 121)			SW846 8260B
	104	(78 - 121)	8.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**139**	**(55 - 142)**			**SW846 8260B**
	130	**(55 - 142)**	**6.6**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	95	(77 - 114)			SW846 8260B
	91	(77 - 114)	3.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	103	(68 - 117)			SW846 8260B
	99	(68 - 117)	3.4	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(78 - 116)			SW846 8260B
	98	(78 - 116)	1.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	94	(71 - 125)			SW846 8260B
	86	(71 - 125)	8.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	87	(67 - 125)			SW846 8260B
	81	(67 - 125)	6.9	(0-30)	SW846 8260B
Ethylbenzene	103	(79 - 114)			SW846 8260B
	102	(79 - 114)	1.2	(0-30)	SW846 8260B
2-Hexanone	79	(29 - 200)			SW846 8260B
	82	(29 - 200)	3.5	(0-41)	SW846 8260B
Isopropylbenzene	111	(50 - 150)			SW846 8260B
	107	(50 - 150)	4.1	(0-20)	SW846 8260B
Methyl acetate	113	(50 - 150)			SW846 8260B
	107	(50 - 150)	5.1	(0-20)	SW846 8260B
Methylene chloride	117	(58 - 130)			SW846 8260B
	0.0 a,p	(58 - 130)	200	(0-30)	SW846 8260B
Methylcyclohexane	96	(50 - 150)			SW846 8260B
	93	(50 - 150)	3.3	(0-20)	SW846 8260B
4-Methyl-2-pentanone	89	(68 - 142)			SW846 8260B
	88	(68 - 142)	1.4	(0-60)	SW846 8260B
Methyl tert-butyl ether	111	(70 - 130)			SW846 8260B
	107	(70 - 130)	4.2	(0-30)	SW846 8260B
Styrene	92	(80 - 114)			SW846 8260B
	88	(80 - 114)	5.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	101	(70 - 133)			SW846 8260B
	94	(70 - 133)	7.1	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDHNH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-422 KDHNH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Tetrachloroethene	105	(72 - 120)			SW846 8260B
	104	(72 - 120)	0.50	(0-30)	SW846 8260B
Toluene	**103**	**(71 - 130)**			**SW846 8260B**
	97	**(71 - 130)**	**6.0**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	93	(50 - 150)			SW846 8260B
	86	(50 - 150)	7.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	96	(67 - 123)			SW846 8260B
	87	(67 - 123)	9.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	107	(82 - 116)			SW846 8260B
	100	(82 - 116)	6.5	(0-30)	SW846 8260B
Trichloroethene	**104**	**(70 - 131)**			**SW846 8260B**
	98	**(70 - 131)**	**5.9**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	105	(50 - 150)			SW846 8260B
	87	(50 - 150)	19	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	87	(50 - 150)			SW846 8260B
	79	(50 - 150)	9.6	(0-20)	SW846 8260B
Vinyl chloride	57	(24 - 152)			SW846 8260B
	58	(24 - 152)	1.3	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	100	(80 - 114)	4.1	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	115	(61 - 130)
	107	(61 - 130)
Toluene-d8	104	(60 - 143)
	99	(60 - 143)
4-Bromofluorobenzene	102	(47 - 158)
	98	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-257 KDNMH1AD-LCSD
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341257
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	53	ug/kg	107		SW846 8260B
	50	46	ug/kg	92	15	SW846 8260B
Benzene	**50**	**54**	**ug/kg**	**107**		**SW846 8260B**
	50	**47**	**ug/kg**	**93**	**14**	**SW846 8260B**
Bromodichloromethane	50	60	ug/kg	120		SW846 8260B
	50	54	ug/kg	109	9.6	SW846 8260B
Bromoform	50	50	ug/kg	100		SW846 8260B
	50	45	ug/kg	90	11	SW846 8260B
Bromomethane	50	72	ug/kg	145		SW846 8260B
	50	63	ug/kg	125	15	SW846 8260B
2-Butanone	50	48	ug/kg	95		SW846 8260B
	50	43	ug/kg	86	11	SW846 8260B
Carbon disulfide	50	57	ug/kg	114		SW846 8260B
	50	50	ug/kg	99	14	SW846 8260B
Carbon tetrachloride	50	60	ug/kg	121		SW846 8260B
	50	53	ug/kg	106	13	SW846 8260B
Chlorobenzene	**50**	**55**	**ug/kg**	**109**		**SW846 8260B**
	50	**49**	**ug/kg**	**97**	**12**	**SW846 8260B**
Dibromochloromethane	50	58	ug/kg	116		SW846 8260B
	50	52	ug/kg	103	12	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	67	ug/kg	135		SW846 8260B
	50	56	ug/kg	113	18	SW846 8260B
Chloroethane	50	51	ug/kg	102		SW846 8260B
	50	44	ug/kg	88	14	SW846 8260B
Chloroform	50	56	ug/kg	112		SW846 8260B
	50	49	ug/kg	98	13	SW846 8260B
Chloromethane	50	42	ug/kg	84		SW846 8260B
	50	37	ug/kg	74	12	SW846 8260B
Cyclohexane	50	48	ug/kg	96		SW846 8260B
	50	42	ug/kg	83	14	SW846 8260B
1,2-Dibromoethane	50	54	ug/kg	109		SW846 8260B
	50	49	ug/kg	98	10	SW846 8260B
1,2-Dichlorobenzene	50	55	ug/kg	111		SW846 8260B
	50	49	ug/kg	98	12	SW846 8260B
1,3-Dichlorobenzene	50	56	ug/kg	112		SW846 8260B
	50	50	ug/kg	99	13	SW846 8260B
1,4-Dichlorobenzene	50	55	ug/kg	110		SW846 8260B
	50	48	ug/kg	97	12	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-257 KDNMH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	39	ug/kg	78		SW846 8260B
	50	34	ug/kg	69	12	SW846 8260B
1,1-Dichloroethane	50	56	ug/kg	111		SW846 8260B
	50	48	ug/kg	97	14	SW846 8260B
1,2-Dichloroethane	50	62 a	ug/kg	124		SW846 8260B
	50	55	ug/kg	111	11	SW846 8260B
1,1-Dichloroethene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**14**	**SW846 8260B**
cis-1,2-Dichloroethene	50	53	ug/kg	106		SW846 8260B
	50	45	ug/kg	91	15	SW846 8260B
trans-1,2-Dichloroethene	50	53	ug/kg	105		SW846 8260B
	50	46	ug/kg	92	14	SW846 8260B
1,2-Dichloropropane	50	60 a	ug/kg	119		SW846 8260B
	50	53	ug/kg	105	12	SW846 8260B
cis-1,3-Dichloropropene	50	58	ug/kg	116		SW846 8260B
	50	52	ug/kg	104	11	SW846 8260B
trans-1,3-Dichloropropene	50	60	ug/kg	120		SW846 8260B
	50	54	ug/kg	108	11	SW846 8260B
Ethylbenzene	50	57	ug/kg	113		SW846 8260B
	50	50	ug/kg	101	12	SW846 8260B
Trichlorofluoromethane	50	63	ug/kg	126		SW846 8260B
	50	55	ug/kg	111	13	SW846 8260B
2-Hexanone	50	58	ug/kg	115		SW846 8260B
	50	52	ug/kg	105	9.7	SW846 8260B
Isopropylbenzene	50	62	ug/kg	123		SW846 8260B
	50	54	ug/kg	109	12	SW846 8260B
Methyl acetate	50	53	ug/kg	106		SW846 8260B
	50	48	ug/kg	96	10	SW846 8260B
Methylcyclohexane	50	54	ug/kg	108		SW846 8260B
	50	47	ug/kg	94	14	SW846 8260B
Methylene chloride	50	51	ug/kg	101		SW846 8260B
	50	45	ug/kg	90	11	SW846 8260B
4-Methyl-2-pentanone	50	59	ug/kg	119		SW846 8260B
	50	53	ug/kg	106	11	SW846 8260B
Styrene	50	56	ug/kg	113		SW846 8260B
	50	50	ug/kg	101	12	SW846 8260B
1,1,2,2-Tetrachloroethane	50	62	ug/kg	124		SW846 8260B
	50	56	ug/kg	112	10	SW846 8260B
Tetrachloroethene	50	54	ug/kg	109		SW846 8260B
	50	48	ug/kg	96	12	SW846 8260B
Toluene	**50**	**56**	**ug/kg**	**111**		**SW846 8260B**
	50	**49**	**ug/kg**	**99**	**12**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-257 KDNMH1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	62	ug/kg	123		SW846 8260B
	50	51	ug/kg	102	19	SW846 8260B
1,1,1-Trichloroethane	50	61	ug/kg	121		SW846 8260B
	50	53	ug/kg	106	13	SW846 8260B
1,1,2-Trichloroethane	50	54	ug/kg	107		SW846 8260B
	50	48	ug/kg	96	12	SW846 8260B
Trichloroethene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**13**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	59	ug/kg	119		SW846 8260B
	50	51	ug/kg	103	14	SW846 8260B
1,2,4-Trimethylbenzene	50	60	ug/kg	121		SW846 8260B
	50	54	ug/kg	107	12	SW846 8260B
1,3,5-Trimethylbenzene	50	62	ug/kg	123		SW846 8260B
	50	55	ug/kg	109	12	SW846 8260B
Vinyl chloride	50	48	ug/kg	97		SW846 8260B
	50	42	ug/kg	84	14	SW846 8260B
Xylenes (total)	150	170 a	ug/kg	115		SW846 8260B
	150	150	ug/kg	101	13	SW846 8260B
Methyl tert-butyl ether	50	56	ug/kg	112		SW846 8260B
	50	50	ug/kg	99	12	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	84	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
	92	(61 - 130)
Toluene-d8	99	(60 - 143)
	87	(60 - 143)
4-Bromofluorobenzene	106	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-257 KDNMH1AD-LCSD
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341257
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	107	(58 - 130)			SW846 8260B
	92	(58 - 130)	15	(0-30)	SW846 8260B
Benzene	**107**	**(75 - 129)**			**SW846 8260B**
	93	**(75 - 129)**	**14**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	120	(72 - 125)			SW846 8260B
	109	(72 - 125)	9.6	(0-30)	SW846 8260B
Bromoform	100	(43 - 149)			SW846 8260B
	90	(43 - 149)	11	(0-30)	SW846 8260B
Bromomethane	145	(24 - 152)			SW846 8260B
	125	(24 - 152)	15	(0-30)	SW846 8260B
2-Butanone	95	(27 - 200)			SW846 8260B
	86	(27 - 200)	11	(0-46)	SW846 8260B
Carbon disulfide	114	(50 - 137)			SW846 8260B
	99	(50 - 137)	14	(0-30)	SW846 8260B
Carbon tetrachloride	121	(57 - 137)			SW846 8260B
	106	(57 - 137)	13	(0-30)	SW846 8260B
Chlorobenzene	**109**	**(75 - 127)**			**SW846 8260B**
	97	**(75 - 127)**	**12**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	116	(49 - 135)			SW846 8260B
	103	(49 - 135)	12	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	135	(50 - 150)			SW846 8260B
	113	(50 - 150)	18	(0-30)	SW846 8260B
Chloroethane	102	(31 - 144)			SW846 8260B
	88	(31 - 144)	14	(0-30)	SW846 8260B
Chloroform	112	(73 - 115)			SW846 8260B
	98	(73 - 115)	13	(0-30)	SW846 8260B
Chloromethane	84	(15 - 136)			SW846 8260B
	74	(15 - 136)	12	(0-30)	SW846 8260B
Cyclohexane	96	(50 - 150)			SW846 8260B
	83	(50 - 150)	14	(0-20)	SW846 8260B
1,2-Dibromoethane	109	(50 - 150)			SW846 8260B
	98	(50 - 150)	10	(0-30)	SW846 8260B
1,2-Dichlorobenzene	111	(50 - 150)			SW846 8260B
	98	(50 - 150)	12	(0-30)	SW846 8260B
1,3-Dichlorobenzene	112	(50 - 150)			SW846 8260B
	99	(50 - 150)	13	(0-20)	SW846 8260B
1,4-Dichlorobenzene	110	(50 - 150)			SW846 8260B
	97	(50 - 150)	12	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-257 KDNMH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	78	(50 - 150)			SW846 8260B
	69	(50 - 150)	12	(0-20)	SW846 8260B
1,1-Dichloroethane	111	(77 - 119)			SW846 8260B
	97	(77 - 119)	14	(0-30)	SW846 8260B
1,2-Dichloroethane	124 a	(78 - 121)			SW846 8260B
	111	(78 - 121)	11	(0-30)	SW846 8260B
1,1-Dichloroethene	**106**	**(55 - 142)**			**SW846 8260B**
	92	**(55 - 142)**	**14**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	106	(77 - 114)			SW846 8260B
	91	(77 - 114)	15	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(68 - 117)			SW846 8260B
	92	(68 - 117)	14	(0-30)	SW846 8260B
1,2-Dichloropropane	119 a	(78 - 116)			SW846 8260B
	105	(78 - 116)	12	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	116	(71 - 125)			SW846 8260B
	104	(71 - 125)	11	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	120	(67 - 125)			SW846 8260B
	108	(67 - 125)	11	(0-30)	SW846 8260B
Ethylbenzene	113	(79 - 114)			SW846 8260B
	101	(79 - 114)	12	(0-30)	SW846 8260B
Trichlorofluoromethane	126	(50 - 150)			SW846 8260B
	111	(50 - 150)	13	(0-20)	SW846 8260B
2-Hexanone	115	(29 - 200)			SW846 8260B
	105	(29 - 200)	9.7	(0-41)	SW846 8260B
Isopropylbenzene	123	(50 - 150)			SW846 8260B
	109	(50 - 150)	12	(0-20)	SW846 8260B
Methyl acetate	106	(50 - 150)			SW846 8260B
	96	(50 - 150)	10	(0-20)	SW846 8260B
Methylcyclohexane	108	(50 - 150)			SW846 8260B
	94	(50 - 150)	14	(0-20)	SW846 8260B
Methylene chloride	101	(58 - 130)			SW846 8260B
	90	(58 - 130)	11	(0-30)	SW846 8260B
4-Methyl-2-pentanone	119	(68 - 142)			SW846 8260B
	106	(68 - 142)	11	(0-60)	SW846 8260B
Styrene	113	(80 - 114)			SW846 8260B
	101	(80 - 114)	12	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	124	(70 - 133)			SW846 8260B
	112	(70 - 133)	10	(0-30)	SW846 8260B
Tetrachloroethene	109	(72 - 120)			SW846 8260B
	96	(72 - 120)	12	(0-30)	SW846 8260B
Toluene	**111**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**12**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDNMH1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-257 KDNMH1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	123	(50 - 150)			SW846 8260B
	102	(50 - 150)	19	(0-20)	SW846 8260B
1,1,1-Trichloroethane	121	(67 - 123)			SW846 8260B
	106	(67 - 123)	13	(0-30)	SW846 8260B
1,1,2-Trichloroethane	107	(82 - 116)			SW846 8260B
	96	(82 - 116)	12	(0-30)	SW846 8260B
Trichloroethene	**109**	**(70 - 131)**			**SW846 8260B**
	95	**(70 - 131)**	**13**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	119	(50 - 150)			SW846 8260B
	103	(50 - 150)	14	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	121	(70 - 130)			SW846 8260B
	107	(70 - 130)	12	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	123	(70 - 130)			SW846 8260B
	109	(70 - 130)	12	(0-30)	SW846 8260B
Vinyl chloride	97	(24 - 152)			SW846 8260B
	84	(24 - 152)	14	(0-30)	SW846 8260B
Xylenes (total)	115 a	(80 - 114)			SW846 8260B
	101	(80 - 114)	13	(0-30)	SW846 8260B
Methyl tert-butyl ether	112	(70 - 130)			SW846 8260B
	99	(70 - 130)	12	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	84	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
	92	(61 - 130)
Toluene-d8	99	(60 - 143)
	87	(60 - 143)
4-Bromofluorobenzene	106	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L090000-036 KDRVM1AD-LCSD
Prep Date.....: 12/07/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7343036
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	100	0.040	SW846 8260B
Benzene	**50**	**56**	**ug/kg**	**111**		**SW846 8260B**
	50	**46**	**ug/kg**	**93**	**18**	**SW846 8260B**
Bromodichloromethane	50	57	ug/kg	114		SW846 8260B
	50	55	ug/kg	111	2.6	SW846 8260B
Bromoform	50	45	ug/kg	91		SW846 8260B
	50	44	ug/kg	88	3.4	SW846 8260B
Bromomethane	50	55	ug/kg	109		SW846 8260B
	50	54	ug/kg	108	1.3	SW846 8260B
2-Butanone	50	40	ug/kg	81		SW846 8260B
	50	40	ug/kg	80	0.65	SW846 8260B
Carbon disulfide	50	49	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	2.6	SW846 8260B
Carbon tetrachloride	50	54	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	3.2	SW846 8260B
Chlorobenzene	**50**	**49**	**ug/kg**	**97**		**SW846 8260B**
	50	**47**	**ug/kg**	**95**	**2.6**	**SW846 8260B**
Dibromochloromethane	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	99	3.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	50	ug/kg	101		SW846 8260B
	50	50	ug/kg	101	0.34	SW846 8260B
Chloroethane	50	42	ug/kg	83		SW846 8260B
	50	40	ug/kg	81	3.2	SW846 8260B
Chloroform	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	97	2.9	SW846 8260B
Chloromethane	50	33	ug/kg	67		SW846 8260B
	50	33	ug/kg	65	2.8	SW846 8260B
Cyclohexane	50	41	ug/kg	82		SW846 8260B
	50	40	ug/kg	79	4.1	SW846 8260B
1,2-Dibromoethane	50	48	ug/kg	95		SW846 8260B
	50	47	ug/kg	93	2.2	SW846 8260B
1,2-Dichlorobenzene	50	49	ug/kg	97		SW846 8260B
	50	48	ug/kg	96	1.0	SW846 8260B
1,3-Dichlorobenzene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	98	4.2	SW846 8260B
1,4-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	47	ug/kg	94	4.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L090000-036 KDRVM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	28	ug/kg	55		SW846 8260B
	50	27	ug/kg	53	4.1	SW846 8260B
1,1-Dichloroethane	50	49	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	0.92	SW846 8260B
1,2-Dichloroethane	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	105	0.82	SW846 8260B
1,1-Dichloroethene	**50**	**47**	**ug/kg**	**93**		**SW846 8260B**
	50	**45**	**ug/kg**	**91**	**2.6**	**SW846 8260B**
cis-1,2-Dichloroethene	50	46	ug/kg	92		SW846 8260B
	50	44	ug/kg	89	3.4	SW846 8260B
trans-1,2-Dichloroethene	50	45	ug/kg	91		SW846 8260B
	50	44	ug/kg	89	2.4	SW846 8260B
1,2-Dichloropropane	50	52	ug/kg	104		SW846 8260B
	50	50	ug/kg	101	3.0	SW846 8260B
cis-1,3-Dichloropropene	50	53	ug/kg	107		SW846 8260B
	50	51	ug/kg	103	4.0	SW846 8260B
trans-1,3-Dichloropropene	50	56	ug/kg	113		SW846 8260B
	50	55	ug/kg	110	2.8	SW846 8260B
Ethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	98	3.7	SW846 8260B
Trichlorofluoromethane	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	4.3	SW846 8260B
2-Hexanone	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	97	2.2	SW846 8260B
Isopropylbenzene	50	54	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	3.4	SW846 8260B
Methyl acetate	50	42	ug/kg	84		SW846 8260B
	50	42	ug/kg	83	0.88	SW846 8260B
Methylcyclohexane	50	45	ug/kg	90		SW846 8260B
	50	43	ug/kg	86	5.2	SW846 8260B
Methylene chloride	50	81 a	ug/kg	161		SW846 8260B
	50	77 a	ug/kg	153	5.2	SW846 8260B
4-Methyl-2-pentanone	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	95	2.6	SW846 8260B
Styrene	50	48	ug/kg	96		SW846 8260B
	50	46	ug/kg	92	3.5	SW846 8260B
1,1,2,2-Tetrachloroethane	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	96	1.4	SW846 8260B
Tetrachloroethene	50	51	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	5.0	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**48**	**ug/kg**	**96**	**3.8**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L090000-036 KDRVM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	58	ug/kg	115		SW846 8260B
	50	55	ug/kg	110	4.3	SW846 8260B
1,1,1-Trichloroethane	50	56	ug/kg	112		SW846 8260B
	50	54	ug/kg	108	3.4	SW846 8260B
1,1,2-Trichloroethane	50	47	ug/kg	94		SW846 8260B
	50	46	ug/kg	93	1.5	SW846 8260B
Trichloroethene	**50**	**48**	**ug/kg**	**95**		**SW846 8260B**
	50	**46**	**ug/kg**	**92**	**4.1**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	49	ug/kg	99		SW846 8260B
	50	47	ug/kg	94	5.3	SW846 8260B
1,2,4-Trimethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	99	3.1	SW846 8260B
1,3,5-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	2.2	SW846 8260B
Vinyl chloride	50	36	ug/kg	71		SW846 8260B
	50	34	ug/kg	68	4.1	SW846 8260B
Xylenes (total)	150	150	ug/kg	101		SW846 8260B
	150	150	ug/kg	98	3.0	SW846 8260B
Methyl tert-butyl ether	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	94	2.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
	83	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
	92	(61 - 130)
Toluene-d8	86	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L090000-036 KDRVM1AD-LCSD
Prep Date.....: 12/07/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7343036
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	100	(58 - 130)			SW846 8260B
	100	(58 - 130)	0.040	(0-30)	SW846 8260B
Benzene	**111**	**(75 - 129)**			**SW846 8260B**
	93	**(75 - 129)**	**18**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	114	(72 - 125)			SW846 8260B
	111	(72 - 125)	2.6	(0-30)	SW846 8260B
Bromoform	91	(43 - 149)			SW846 8260B
	88	(43 - 149)	3.4	(0-30)	SW846 8260B
Bromomethane	109	(24 - 152)			SW846 8260B
	108	(24 - 152)	1.3	(0-30)	SW846 8260B
2-Butanone	81	(27 - 200)			SW846 8260B
	80	(27 - 200)	0.65	(0-46)	SW846 8260B
Carbon disulfide	99	(50 - 137)			SW846 8260B
	96	(50 - 137)	2.6	(0-30)	SW846 8260B
Carbon tetrachloride	107	(57 - 137)			SW846 8260B
	104	(57 - 137)	3.2	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(75 - 127)**			**SW846 8260B**
	95	**(75 - 127)**	**2.6**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	102	(49 - 135)			SW846 8260B
	99	(49 - 135)	3.3	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	101	(50 - 150)			SW846 8260B
	101	(50 - 150)	0.34	(0-30)	SW846 8260B
Chloroethane	83	(31 - 144)			SW846 8260B
	81	(31 - 144)	3.2	(0-30)	SW846 8260B
Chloroform	100	(73 - 115)			SW846 8260B
	97	(73 - 115)	2.9	(0-30)	SW846 8260B
Chloromethane	67	(15 - 136)			SW846 8260B
	65	(15 - 136)	2.8	(0-30)	SW846 8260B
Cyclohexane	82	(50 - 150)			SW846 8260B
	79	(50 - 150)	4.1	(0-20)	SW846 8260B
1,2-Dibromoethane	95	(50 - 150)			SW846 8260B
	93	(50 - 150)	2.2	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	96	(50 - 150)	1.0	(0-30)	SW846 8260B
1,3-Dichlorobenzene	102	(50 - 150)			SW846 8260B
	98	(50 - 150)	4.2	(0-20)	SW846 8260B
1,4-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	94	(50 - 150)	4.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L090000-036 KDRVM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	55	(50 - 150)			SW846 8260B
	53	(50 - 150)	4.1	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(77 - 119)			SW846 8260B
	98	(77 - 119)	0.92	(0-30)	SW846 8260B
1,2-Dichloroethane	106	(78 - 121)			SW846 8260B
	105	(78 - 121)	0.82	(0-30)	SW846 8260B
1,1-Dichloroethene	**93**	**(55 - 142)**			**SW846 8260B**
	91	**(55 - 142)**	**2.6**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	92	(77 - 114)			SW846 8260B
	89	(77 - 114)	3.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	91	(68 - 117)			SW846 8260B
	89	(68 - 117)	2.4	(0-30)	SW846 8260B
1,2-Dichloropropane	104	(78 - 116)			SW846 8260B
	101	(78 - 116)	3.0	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	107	(71 - 125)			SW846 8260B
	103	(71 - 125)	4.0	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	113	(67 - 125)			SW846 8260B
	110	(67 - 125)	2.8	(0-30)	SW846 8260B
Ethylbenzene	102	(79 - 114)			SW846 8260B
	98	(79 - 114)	3.7	(0-30)	SW846 8260B
Trichlorofluoromethane	101	(50 - 150)			SW846 8260B
	96	(50 - 150)	4.3	(0-20)	SW846 8260B
2-Hexanone	100	(29 - 200)			SW846 8260B
	97	(29 - 200)	2.2	(0-41)	SW846 8260B
Isopropylbenzene	107	(50 - 150)			SW846 8260B
	104	(50 - 150)	3.4	(0-20)	SW846 8260B
Methyl acetate	84	(50 - 150)			SW846 8260B
	83	(50 - 150)	0.88	(0-20)	SW846 8260B
Methylcyclohexane	90	(50 - 150)			SW846 8260B
	86	(50 - 150)	5.2	(0-20)	SW846 8260B
Methylene chloride	161 a	(58 - 130)			SW846 8260B
	153 a	(58 - 130)	5.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	98	(68 - 142)			SW846 8260B
	95	(68 - 142)	2.6	(0-60)	SW846 8260B
Styrene	96	(80 - 114)			SW846 8260B
	92	(80 - 114)	3.5	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	98	(70 - 133)			SW846 8260B
	96	(70 - 133)	1.4	(0-30)	SW846 8260B
Tetrachloroethene	101	(72 - 120)			SW846 8260B
	96	(72 - 120)	5.0	(0-30)	SW846 8260B
Toluene	**100**	**(71 - 130)**			**SW846 8260B**
	96	**(71 - 130)**	**3.8**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KDRVM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L090000-036 KDRVM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	115	(50 - 150)			SW846 8260B
	110	(50 - 150)	4.3	(0-20)	SW846 8260B
1,1,1-Trichloroethane	112	(67 - 123)			SW846 8260B
	108	(67 - 123)	3.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	94	(82 - 116)			SW846 8260B
	93	(82 - 116)	1.5	(0-30)	SW846 8260B
Trichloroethene	**95**	**(70 - 131)**			**SW846 8260B**
	92	**(70 - 131)**	**4.1**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	99	(50 - 150)			SW846 8260B
	94	(50 - 150)	5.3	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	3.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.2	(0-30)	SW846 8260B
Vinyl chloride	71	(24 - 152)			SW846 8260B
	68	(24 - 152)	4.1	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	98	(80 - 114)	3.0	(0-30)	SW846 8260B
Methyl tert-butyl ether	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
	83	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
	92	(61 - 130)
Toluene-d8	86	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KC9VD1A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010191-006 KC9VD1A3-MSD
Date Sampled...: 11/29/07 09:30 **Date Received..:** 12/01/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339422
Dilution Factor: 0.93 **% Moisture.....:** 11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	520	490	ug/kg	74		SW846 8260B
	ND	530	460	ug/kg	66	7.3	SW846 8260B
Benzene	**ND**	**520**	**450**	**ug/kg**	**86**		**SW846 8260B**
	ND	**530**	**430**	**ug/kg**	**81**	**4.0**	**SW846 8260B**
Bromodichloromethane	ND	520	420	ug/kg	81		SW846 8260B
	ND	530	410	ug/kg	78	1.8	SW846 8260B
Bromoform	ND	520	260	ug/kg	50		SW846 8260B
	ND	530	250	ug/kg	47	3.4	SW846 8260B
Bromomethane	ND	520	210	ug/kg	40		SW846 8260B
	ND	530	200	ug/kg	38	1.2	SW846 8260B
2-Butanone	ND	520	450	ug/kg	86		SW846 8260B
	ND	530	400	ug/kg	76	9.8	SW846 8260B
Carbon disulfide	ND	520	380	ug/kg	72		SW846 8260B
	ND	530	380	ug/kg	71	0.96	SW846 8260B
Carbon tetrachloride	ND	520	380	ug/kg	72		SW846 8260B
	ND	530	370	ug/kg	69	2.1	SW846 8260B
Chlorobenzene	**ND**	**520**	**450**	**ug/kg**	**86**		**SW846 8260B**
	ND	**530**	**440**	**ug/kg**	**82**	**3.0**	**SW846 8260B**
Chloroethane	ND	520	320	ug/kg	61		SW846 8260B
	ND	530	290	ug/kg	55	8.5	SW846 8260B
Chloroform	ND	520	450	ug/kg	87		SW846 8260B
	ND	530	440	ug/kg	84	1.9	SW846 8260B
Chloromethane	ND	520	220	ug/kg	42		SW846 8260B
	ND	530	230	ug/kg	43	3.2	SW846 8260B
Cyclohexane	ND	520	360	ug/kg	69		SW846 8260B
	ND	530	380	ug/kg	72	7.0	SW846 8260B
Dibromochloromethane	ND	520	300	ug/kg	58		SW846 8260B
	ND	530	290	ug/kg	56	1.9	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	520	260	ug/kg	50		SW846 8260B
	ND	530	280	ug/kg	53	7.6	SW846 8260B
1,2-Dibromoethane	ND	520	440	ug/kg	84		SW846 8260B
	ND	530	420	ug/kg	79	4.6	SW846 8260B
1,2-Dichlorobenzene	ND	520	430	ug/kg	83		SW846 8260B
	ND	530	420	ug/kg	80	1.2	SW846 8260B
1,3-Dichlorobenzene	ND	520	430	ug/kg	83		SW846 8260B
	ND	530	430	ug/kg	82	0.69	SW846 8260B
1,4-Dichlorobenzene	ND	520	430	ug/kg	82		SW846 8260B
	ND	530	430	ug/kg	82	1.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KC9VD1A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010191-006 KC9VD1A3-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	520	76	ug/kg	15 a		SW846 8260B
	ND	530	110	ug/kg	22 a,p	41	SW846 8260B
1,1-Dichloroethane	ND	520	440	ug/kg	84		SW846 8260B
	ND	530	420	ug/kg	79	4.6	SW846 8260B
1,2-Dichloroethane	ND	520	490	ug/kg	94		SW846 8260B
	ND	530	470	ug/kg	88	4.9	SW846 8260B
1,1-Dichloroethene	**ND**	**520**	**550**	**ug/kg**	**107**		**SW846 8260B**
	ND	**530**	**540**	**ug/kg**	**102**	**2.8**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	520	420	ug/kg	80		SW846 8260B
	ND	530	390	ug/kg	74	5.9	SW846 8260B
trans-1,2-Dichloroethene	ND	520	430	ug/kg	83		SW846 8260B
	ND	530	410	ug/kg	77	4.9	SW846 8260B
1,2-Dichloropropane	ND	520	440	ug/kg	85		SW846 8260B
	ND	530	410	ug/kg	78	6.3	SW846 8260B
cis-1,3-Dichloropropene	ND	520	350	ug/kg	68		SW846 8260B
	ND	530	330	ug/kg	63	6.0	SW846 8260B
trans-1,3-Dichloropropene	ND	520	330	ug/kg	63		SW846 8260B
	ND	530	330	ug/kg	63	1.0	SW846 8260B
Ethylbenzene	ND	520	450	ug/kg	86		SW846 8260B
	ND	530	440	ug/kg	84	0.55	SW846 8260B
2-Hexanone	ND	520	330	ug/kg	63		SW846 8260B
	ND	530	340	ug/kg	64	3.9	SW846 8260B
Isopropylbenzene	ND	520	470	ug/kg	91		SW846 8260B
	ND	530	480	ug/kg	91	2.2	SW846 8260B
Methyl acetate	ND	520	480	ug/kg	92		SW846 8260B
	ND	530	490	ug/kg	93	3.3	SW846 8260B
Methylene chloride	ND	520	510	ug/kg	95		SW846 8260B
	ND	530	480	ug/kg	89	5.0	SW846 8260B
Methylcyclohexane	ND	520	370	ug/kg	71		SW846 8260B
	ND	530	350	ug/kg	67	5.0	SW846 8260B
4-Methyl-2-pentanone	ND	520	390	ug/kg	74		SW846 8260B
	ND	530	370	ug/kg	69	5.0	SW846 8260B
Methyl tert-butyl ether	ND	520	490	ug/kg	93		SW846 8260B
	ND	530	470	ug/kg	88	3.9	SW846 8260B
Styrene	ND	520	380	ug/kg	74		SW846 8260B
	ND	530	370	ug/kg	70	3.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	520	420	ug/kg	80		SW846 8260B
	ND	530	410	ug/kg	78	0.54	SW846 8260B
Tetrachloroethene	ND	520	470	ug/kg	90		SW846 8260B
	ND	530	440	ug/kg	82	7.1	SW846 8260B
Toluene	**ND**	**520**	**440**	**ug/kg**	**84**		**SW846 8260B**
	ND	**530**	**420**	**ug/kg**	**80**	**3.8**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KC9VD1A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010191-006 KC9VD1A3-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	520	370	ug/kg	71		SW846 8260B
	ND	530	370	ug/kg	70	0.28	SW846 8260B
1,1,1-Trichloroethane	ND	520	390	ug/kg	76		SW846 8260B
	ND	530	370	ug/kg	69	6.9	SW846 8260B
1,1,2-Trichloroethane	ND	520	440	ug/kg	85		SW846 8260B
	ND	530	460	ug/kg	88	4.5	SW846 8260B
Trichloroethene	**ND**	**520**	**450**	**ug/kg**	**86**		**SW846 8260B**
	ND	**530**	**410**	**ug/kg**	**78**	**8.1**	**SW846 8260B**
Trichlorofluoromethane	ND	520	430	ug/kg	83		SW846 8260B
	ND	530	400	ug/kg	76	6.9	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	ND	520	440	ug/kg	85		SW846 8260B
	ND	530	350	ug/kg	67 p	22	SW846 8260B
Vinyl chloride	ND	520	230	ug/kg	44		SW846 8260B
	ND	530	240	ug/kg	46	5.6	SW846 8260B
Xylenes (total)	ND	1600	1300	ug/kg	86		SW846 8260B
	ND	1600	1300	ug/kg	84	0.71	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
	80	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
	91	(61 - 130)
Toluene-d8	85	(60 - 143)
	82	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KC9VD1A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010191-006 KC9VD1A3-MSD
Date Sampled...: 11/29/07 09:30 **Date Received..:** 12/01/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339422
Dilution Factor: 0.93 **% Moisture.....:** 11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	74	(10 - 200)			SW846 8260B
	66	(10 - 200)	7.3	(0-66)	SW846 8260B
Benzene	**86**	**(55 - 138)**			**SW846 8260B**
	81	**(55 - 138)**	**4.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	81	(47 - 131)			SW846 8260B
	78	(47 - 131)	1.8	(0-51)	SW846 8260B
Bromoform	50	(26 - 141)			SW846 8260B
	47	(26 - 141)	3.4	(0-64)	SW846 8260B
Bromomethane	40	(15 - 152)			SW846 8260B
	38	(15 - 152)	1.2	(0-72)	SW846 8260B
2-Butanone	86	(21 - 195)			SW846 8260B
	76	(21 - 195)	9.8	(0-60)	SW846 8260B
Carbon disulfide	72	(27 - 149)			SW846 8260B
	71	(27 - 149)	0.96	(0-73)	SW846 8260B
Carbon tetrachloride	72	(32 - 143)			SW846 8260B
	69	(32 - 143)	2.1	(0-68)	SW846 8260B
Chlorobenzene	**86**	**(49 - 139)**			**SW846 8260B**
	82	**(49 - 139)**	**3.0**	**(0-22)**	**SW846 8260B**
Chloroethane	61	(32 - 140)			SW846 8260B
	55	(32 - 140)	8.5	(0-66)	SW846 8260B
Chloroform	87	(59 - 128)			SW846 8260B
	84	(59 - 128)	1.9	(0-46)	SW846 8260B
Chloromethane	42	(28 - 130)			SW846 8260B
	43	(28 - 130)	3.2	(0-81)	SW846 8260B
Cyclohexane	69	(50 - 150)			SW846 8260B
	72	(50 - 150)	7.0	(0-20)	SW846 8260B
Dibromochloromethane	58	(44 - 135)			SW846 8260B
	56	(44 - 135)	1.9	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	(50 - 150)			SW846 8260B
	53	(50 - 150)	7.6	(0-20)	SW846 8260B
1,2-Dibromoethane	84	(50 - 150)			SW846 8260B
	79	(50 - 150)	4.6	(0-20)	SW846 8260B
1,2-Dichlorobenzene	83	(50 - 150)			SW846 8260B
	80	(50 - 150)	1.2	(0-20)	SW846 8260B
1,3-Dichlorobenzene	83	(50 - 150)			SW846 8260B
	82	(50 - 150)	0.69	(0-20)	SW846 8260B
1,4-Dichlorobenzene	82	(50 - 150)			SW846 8260B
	82	(50 - 150)	1.5	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KC9VD1A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010191-006 KC9VD1A3-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	15 a	(50 - 150)			SW846 8260B
	22 a,p	(50 - 150)	41	(0-20)	SW846 8260B
1,1-Dichloroethane	84	(56 - 130)			SW846 8260B
	79	(56 - 130)	4.6	(0-54)	SW846 8260B
1,2-Dichloroethane	94	(56 - 126)			SW846 8260B
	88	(56 - 126)	4.9	(0-38)	SW846 8260B
1,1-Dichloroethene	**107**	**(43 - 147)**			**SW846 8260B**
	102	**(43 - 147)**	**2.8**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	80	(48 - 127)			SW846 8260B
	74	(48 - 127)	5.9	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	83	(47 - 127)			SW846 8260B
	77	(47 - 127)	4.9	(0-58)	SW846 8260B
1,2-Dichloropropane	85	(54 - 125)			SW846 8260B
	78	(54 - 125)	6.3	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	68	(30 - 138)			SW846 8260B
	63	(30 - 138)	6.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	63	(34 - 134)			SW846 8260B
	63	(34 - 134)	1.0	(0-57)	SW846 8260B
Ethylbenzene	86	(36 - 133)			SW846 8260B
	84	(36 - 133)	0.55	(0-72)	SW846 8260B
2-Hexanone	63	(20 - 190)			SW846 8260B
	64	(20 - 190)	3.9	(0-70)	SW846 8260B
Isopropylbenzene	91	(50 - 150)			SW846 8260B
	91	(50 - 150)	2.2	(0-20)	SW846 8260B
Methyl acetate	92	(50 - 150)			SW846 8260B
	93	(50 - 150)	3.3	(0-20)	SW846 8260B
Methylene chloride	95	(45 - 129)			SW846 8260B
	89	(45 - 129)	5.0	(0-49)	SW846 8260B
Methylcyclohexane	71	(50 - 150)			SW846 8260B
	67	(50 - 150)	5.0	(0-20)	SW846 8260B
4-Methyl-2-pentanone	74	(42 - 143)			SW846 8260B
	69	(42 - 143)	5.0	(0-60)	SW846 8260B
Methyl tert-butyl ether	93	(70 - 130)			SW846 8260B
	88	(70 - 130)	3.9	(0-30)	SW846 8260B
Styrene	74	(23 - 136)			SW846 8260B
	70	(23 - 136)	3.8	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	80	(33 - 162)			SW846 8260B
	78	(33 - 162)	0.54	(0-90)	SW846 8260B
Tetrachloroethene	90	(31 - 137)			SW846 8260B
	82	(31 - 137)	7.1	(0-81)	SW846 8260B
Toluene	**84**	**(46 - 147)**			**SW846 8260B**
	80	**(46 - 147)**	**3.8**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040225 **Work Order #...:** KC9VD1A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010191-006 KC9VD1A3-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	71	(50 - 150)			SW846 8260B
	70	(50 - 150)	0.28	(0-20)	SW846 8260B
1,1,1-Trichloroethane	76	(48 - 132)			SW846 8260B
	69	(48 - 132)	6.9	(0-57)	SW846 8260B
1,1,2-Trichloroethane	85	(58 - 128)			SW846 8260B
	88	(58 - 128)	4.5	(0-52)	SW846 8260B
Trichloroethene	**86**	**(46 - 143)**			**SW846 8260B**
	78	**(46 - 143)**	**8.1**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	83	(50 - 150)			SW846 8260B
	76	(50 - 150)	6.9	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	85	(50 - 150)			SW846 8260B
	67 p	(50 - 150)	22	(0-20)	SW846 8260B
Vinyl chloride	44	(30 - 136)			SW846 8260B
	46	(30 - 136)	5.6	(0-80)	SW846 8260B
Xylenes (total)	86	(33 - 135)			SW846 8260B
	84	(33 - 135)	0.71	(0-78)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	82	(59 - 138)
	80	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
	91	(61 - 130)
Toluene-d8	85	(60 - 143)
	82	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L050000-058

Prep Date.....: 12/05/07
Analysis Date..: 12/06/07 **Prep Batch #...:** 7339058
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
2-Fluorobiphenyl	62	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	56	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AA **Matrix.....:** SOLID

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L080000-022

Prep Date.....: 12/08/07
Analysis Date..: 12/10/07 **Prep Batch #...:** 7342022
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	69	(34 - 110)
Terphenyl-d14	89	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	78	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-058
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	510	ug/kg	76	SW846 8270C
Pyridine	670	440	ug/kg	65	SW846 8270C
Acenaphthene	**670**	**500**	**ug/kg**	**76**	**SW846 8270C**
Acenaphthylene	670	560	ug/kg	83	SW846 8270C
Acetophenone	670	440	ug/kg	67	SW846 8270C
Anthracene	670	570	ug/kg	86	SW846 8270C
Atrazine	670	550	ug/kg	82	SW846 8270C
Benzo(a)anthracene	670	520	ug/kg	78	SW846 8270C
Benzo(a)pyrene	670	510	ug/kg	77	SW846 8270C
Benzo(b)fluoranthene	670	630	ug/kg	94	SW846 8270C
Benzo(ghi)perylene	670	530	ug/kg	80	SW846 8270C
Benzo(k)fluoranthene	670	480	ug/kg	72	SW846 8270C
Benzaldehyde	670	540	ug/kg	80	SW846 8270C
1,1'-Biphenyl	670	500	ug/kg	75	SW846 8270C
bis(2-Chloroethoxy) methane	670	490	ug/kg	74	SW846 8270C
bis(2-Chloroethyl)- ether	670	420	ug/kg	63	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	540	ug/kg	82	SW846 8270C
4-Bromophenyl phenyl ether	670	540	ug/kg	81	SW846 8270C
Butyl benzyl phthalate	670	530	ug/kg	79	SW846 8270C
Caprolactam	670	540	ug/kg	81	SW846 8270C
Carbazole	670	560	ug/kg	84	SW846 8270C
4-Chloroaniline	670	250	ug/kg	37	SW846 8270C
4-Chloro-3-methylphenol	**670**	**480**	**ug/kg**	**72**	**SW846 8270C**
2-Chloronaphthalene	670	510	ug/kg	77	SW846 8270C
2-Chlorophenol	**670**	**460**	**ug/kg**	**69**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	540	ug/kg	80	SW846 8270C
Chrysene	670	590	ug/kg	89	SW846 8270C
Dibenz(a,h)anthracene	670	520	ug/kg	78	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-058

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	540	ug/kg	81	SW846 8270C
3,3'-Dichlorobenzidine	670	300	ug/kg	46	SW846 8270C
2,4-Dichlorophenol	670	470	ug/kg	71	SW846 8270C
Diethyl phthalate	670	540	ug/kg	81	SW846 8270C
2,4-Dimethylphenol	670	410	ug/kg	62	SW846 8270C
Dimethyl phthalate	670	540	ug/kg	81	SW846 8270C
Di-n-butyl phthalate	670	570	ug/kg	85	SW846 8270C
4,6-Dinitro-2-methylphenol	670	450	ug/kg	67	SW846 8270C
2,4-Dinitrophenol	670	410	ug/kg	62	SW846 8270C
2,4-Dinitrotoluene	**670**	**570**	**ug/kg**	**85**	**SW846 8270C**
2,6-Dinitrotoluene	670	570	ug/kg	85	SW846 8270C
Di-n-octyl phthalate	670	490	ug/kg	74	SW846 8270C
Fluoranthene	670	590	ug/kg	89	SW846 8270C
Fluorene	670	520	ug/kg	78	SW846 8270C
Hexachlorobenzene	670	520	ug/kg	77	SW846 8270C
Hexachlorobutadiene	670	490	ug/kg	73	SW846 8270C
Hexachlorocyclopenta-diene	670	400	ug/kg	60	SW846 8270C
Hexachloroethane	670	510	ug/kg	77	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	540	ug/kg	81	SW846 8270C
Isophorone	670	540	ug/kg	81	SW846 8270C
2-Methylnaphthalene	670	540	ug/kg	81	SW846 8270C
2-Methylphenol	670	490	ug/kg	73	SW846 8270C
4-Methylphenol	1300	970	ug/kg	73	SW846 8270C
Naphthalene	670	510	ug/kg	77	SW846 8270C
2-Nitroaniline	670	590	ug/kg	88	SW846 8270C
3-Nitroaniline	670	480	ug/kg	71	SW846 8270C
4-Nitroaniline	670	550	ug/kg	83	SW846 8270C
Nitrobenzene	670	500	ug/kg	75	SW846 8270C
2-Nitrophenol	670	470	ug/kg	70	SW846 8270C
4-Nitrophenol	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**510**	**ug/kg**	**76**	**SW846 8270C**
N-Nitrosodiphenylamine	670	500	ug/kg	76	SW846 8270C
Pentachlorophenol	**670**	**330**	**ug/kg**	**49**	**SW846 8270C**
Phenanthrene	670	540	ug/kg	80	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-058

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
Pyrene	**670**	**570**	**ug/kg**	**86**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	500	ug/kg	76	SW846 8270C
2,4,6-Trichloro-phenol	670	480	ug/kg	72	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	70	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-058
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	76	(36 - 116)	SW846 8270C
Pyridine	65	(22 - 110)	SW846 8270C
Acenaphthene	**76**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	83	(47 - 110)	SW846 8270C
Acetophenone	67	(50 - 130)	SW846 8270C
Anthracene	86	(56 - 111)	SW846 8270C
Atrazine	82	(50 - 130)	SW846 8270C
Benzo(a)anthracene	78	(58 - 111)	SW846 8270C
Benzo(a)pyrene	77	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	94	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	80	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	72	(38 - 122)	SW846 8270C
Benzaldehyde	80	(10 - 130)	SW846 8270C
1,1'-Biphenyl	75	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	63	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	82	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	81	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	79	(57 - 121)	SW846 8270C
Caprolactam	81	(50 - 130)	SW846 8270C
Carbazole	84	(56 - 115)	SW846 8270C
4-Chloroaniline	37	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**72**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	77	(46 - 110)	SW846 8270C
2-Chlorophenol	**69**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	80	(53 - 110)	SW846 8270C
Chrysene	89	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	78	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-058

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	81	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	46	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	71	(40 - 110)	SW846 8270C
Diethyl phthalate	81	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	62	(28 - 110)	SW846 8270C
Dimethyl phthalate	81	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	85	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	67	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	62	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**85**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	85	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	74	(45 - 123)	SW846 8270C
Fluoranthene	89	(55 - 118)	SW846 8270C
Fluorene	78	(51 - 110)	SW846 8270C
Hexachlorobenzene	77	(51 - 110)	SW846 8270C
Hexachlorobutadiene	73	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	60	(10 - 110)	SW846 8270C
Hexachloroethane	77	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	(45 - 121)	SW846 8270C
Isophorone	81	(46 - 117)	SW846 8270C
2-Methylnaphthalene	81	(46 - 110)	SW846 8270C
2-Methylphenol	73	(36 - 110)	SW846 8270C
4-Methylphenol	73	(40 - 110)	SW846 8270C
Naphthalene	77	(42 - 110)	SW846 8270C
2-Nitroaniline	88	(47 - 124)	SW846 8270C
3-Nitroaniline	71	(44 - 110)	SW846 8270C
4-Nitroaniline	83	(50 - 110)	SW846 8270C
Nitrobenzene	75	(40 - 110)	SW846 8270C
2-Nitrophenol	70	(35 - 110)	SW846 8270C
4-Nitrophenol	**70**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**76**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	76	(54 - 112)	SW846 8270C
Pentachlorophenol	**49**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	80	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDFT31AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-058

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**70**	**(39 - 110)**	**SW846 8270C**
Pyrene	**86**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	76	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	72	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	70	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-022
Prep Date.....: 12/08/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7342022
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	680	ug/kg	102	SW846 8270C
Pyridine	670	270	ug/kg	40	SW846 8270C
Acenaphthene	**670**	**470**	**ug/kg**	**71**	**SW846 8270C**
Acenaphthylene	670	480	ug/kg	72	SW846 8270C
Acetophenone	670	440	ug/kg	66	SW846 8270C
Anthracene	670	510	ug/kg	76	SW846 8270C
Atrazine	670	570	ug/kg	86	SW846 8270C
Benzo(a)anthracene	670	440	ug/kg	67	SW846 8270C
Benzo(a)pyrene	670	440	ug/kg	66	SW846 8270C
Benzo(b)fluoranthene	670	440	ug/kg	66	SW846 8270C
Benzo(ghi)perylene	670	470	ug/kg	70	SW846 8270C
Benzo(k)fluoranthene	670	490	ug/kg	74	SW846 8270C
Benzaldehyde	670	470	ug/kg	71	SW846 8270C
1,1'-Biphenyl	670	460	ug/kg	70	SW846 8270C
bis(2-Chloroethoxy) methane	670	400	ug/kg	60	SW846 8270C
bis(2-Chloroethyl)- ether	670	390	ug/kg	58	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	420	ug/kg	64	SW846 8270C
4-Bromophenyl phenyl ether	670	550	ug/kg	83	SW846 8270C
Butyl benzyl phthalate	670	430	ug/kg	64	SW846 8270C
Caprolactam	670	490	ug/kg	73	SW846 8270C
Carbazole	670	510	ug/kg	77	SW846 8270C
4-Chloroaniline	670	250	ug/kg	37	SW846 8270C
4-Chloro-3-methylphenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
2-Chloronaphthalene	670	480	ug/kg	72	SW846 8270C
2-Chlorophenol	**670**	**460**	**ug/kg**	**69**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	520	ug/kg	78	SW846 8270C
Chrysene	670	470	ug/kg	70	SW846 8270C
Dibenz(a,h)anthracene	670	490	ug/kg	74	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-022

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	470	ug/kg	71	SW846 8270C
3,3'-Dichlorobenzidine	670	220	ug/kg	33	SW846 8270C
2,4-Dichlorophenol	670	460	ug/kg	68	SW846 8270C
Diethyl phthalate	670	490	ug/kg	73	SW846 8270C
2,4-Dimethylphenol	670	390	ug/kg	59	SW846 8270C
Dimethyl phthalate	670	490	ug/kg	74	SW846 8270C
Di-n-butyl phthalate	670	540	ug/kg	80	SW846 8270C
4,6-Dinitro-2-methylphenol	670	440	ug/kg	66	SW846 8270C
2,4-Dinitrophenol	670	310	ug/kg	46	SW846 8270C
2,4-Dinitrotoluene	**670**	**530**	**ug/kg**	**80**	**SW846 8270C**
2,6-Dinitrotoluene	670	520	ug/kg	79	SW846 8270C
Di-n-octyl phthalate	670	440	ug/kg	66	SW846 8270C
Fluoranthene	670	530	ug/kg	79	SW846 8270C
Fluorene	670	500	ug/kg	75	SW846 8270C
Hexachlorobenzene	670	510	ug/kg	77	SW846 8270C
Hexachlorobutadiene	670	460	ug/kg	69	SW846 8270C
Hexachlorocyclopenta-diene	670	420	ug/kg	62	SW846 8270C
Hexachloroethane	670	440	ug/kg	67	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	480	ug/kg	73	SW846 8270C
Isophorone	670	470	ug/kg	70	SW846 8270C
2-Methylnaphthalene	670	510	ug/kg	76	SW846 8270C
2-Methylphenol	670	420	ug/kg	63	SW846 8270C
4-Methylphenol	1300	870	ug/kg	65	SW846 8270C
Naphthalene	670	460	ug/kg	68	SW846 8270C
2-Nitroaniline	670	530	ug/kg	79	SW846 8270C
3-Nitroaniline	670	370	ug/kg	55	SW846 8270C
4-Nitroaniline	670	490	ug/kg	74	SW846 8270C
Nitrobenzene	670	430	ug/kg	65	SW846 8270C
2-Nitrophenol	670	430	ug/kg	64	SW846 8270C
4-Nitrophenol	**670**	**450**	**ug/kg**	**67**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
N-Nitrosodiphenylamine	670	500	ug/kg	75	SW846 8270C
Pentachlorophenol	**670**	**330**	**ug/kg**	**49**	**SW846 8270C**
Phenanthrene	670	470	ug/kg	71	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-022

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**390**	**ug/kg**	**58**	**SW846 8270C**
Pyrene	**670**	**430**	**ug/kg**	**65**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	430	ug/kg	64	SW846 8270C
2,4,6-Trichloro-phenol	670	440	ug/kg	66	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	77	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-022
Prep Date.....: 12/08/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7342022
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	102	(36 - 116)	SW846 8270C
Pyridine	40	(22 - 110)	SW846 8270C
Acenaphthene	**71**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	72	(47 - 110)	SW846 8270C
Acetophenone	66	(50 - 130)	SW846 8270C
Anthracene	76	(56 - 111)	SW846 8270C
Atrazine	86	(50 - 130)	SW846 8270C
Benzo(a)anthracene	67	(58 - 111)	SW846 8270C
Benzo(a)pyrene	66	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	66	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	70	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	74	(38 - 122)	SW846 8270C
Benzaldehyde	71	(10 - 130)	SW846 8270C
1,1'-Biphenyl	70	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	60	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	58	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	64	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	83	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	64	(57 - 121)	SW846 8270C
Caprolactam	73	(50 - 130)	SW846 8270C
Carbazole	77	(56 - 115)	SW846 8270C
4-Chloroaniline	37	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**64**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	72	(46 - 110)	SW846 8270C
2-Chlorophenol	**69**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	78	(53 - 110)	SW846 8270C
Chrysene	70	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	74	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-022

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	71	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	33	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	68	(40 - 110)	SW846 8270C
Diethyl phthalate	73	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	59	(28 - 110)	SW846 8270C
Dimethyl phthalate	74	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	80	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	66	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	46	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**80**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	79	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	66	(45 - 123)	SW846 8270C
Fluoranthene	79	(55 - 118)	SW846 8270C
Fluorene	75	(51 - 110)	SW846 8270C
Hexachlorobenzene	77	(51 - 110)	SW846 8270C
Hexachlorobutadiene	69	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	62	(10 - 110)	SW846 8270C
Hexachloroethane	67	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(45 - 121)	SW846 8270C
Isophorone	70	(46 - 117)	SW846 8270C
2-Methylnaphthalene	76	(46 - 110)	SW846 8270C
2-Methylphenol	63	(36 - 110)	SW846 8270C
4-Methylphenol	65	(40 - 110)	SW846 8270C
Naphthalene	68	(42 - 110)	SW846 8270C
2-Nitroaniline	79	(47 - 124)	SW846 8270C
3-Nitroaniline	55	(44 - 110)	SW846 8270C
4-Nitroaniline	74	(50 - 110)	SW846 8270C
Nitrobenzene	65	(40 - 110)	SW846 8270C
2-Nitrophenol	64	(35 - 110)	SW846 8270C
4-Nitrophenol	**67**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**74**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	75	(54 - 112)	SW846 8270C
Pentachlorophenol	**49**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	71	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDQXL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-022

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**58**	**(39 - 110)**	**SW846 8270C**
Pyrene	**65**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	64	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	66	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	77	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether		750	550	ug/kg	73		SW846 8270C
		750	340	ug/kg	45 p	48	SW846 8270C
Pyridine		750	490	ug/kg	66		SW846 8270C
		750	190	ug/kg	26 p	87	SW846 8270C
Acenaphthene		**750**	**560**	**ug/kg**	**75**		**SW846 8270C**
		750	**460**	**ug/kg**	**61**	**19**	**SW846 8270C**
Acenaphthylene		750	620	ug/kg	83		SW846 8270C
		750	510	ug/kg	68	20	SW846 8270C
Acetophenone		750	470	ug/kg	62		SW846 8270C
		750	300	ug/kg	40 a,p	44	SW846 8270C
Anthracene		750	650	ug/kg	86		SW846 8270C
		750	550	ug/kg	73	16	SW846 8270C
Atrazine		750	630	ug/kg	83		SW846 8270C
		750	520	ug/kg	68	19	SW846 8270C
Benzo(a)anthracene		750	650	ug/kg	84		SW846 8270C
		750	570	ug/kg	73	13	SW846 8270C
Benzo(a)pyrene		750	580	ug/kg	76		SW846 8270C
		750	520	ug/kg	68	11	SW846 8270C
Benzo(b)fluoranthene		750	720	ug/kg	92		SW846 8270C
		750	580	ug/kg	73	22	SW846 8270C
Benzo(ghi)perylene		750	620	ug/kg	82		SW846 8270C
		750	520	ug/kg	69	17	SW846 8270C
Benzo(k)fluoranthene		750	550	ug/kg	73		SW846 8270C
		750	540	ug/kg	71	2.8	SW846 8270C
Benzaldehyde		750	580	ug/kg	77		SW846 8270C
		750	320	ug/kg	42 p	58	SW846 8270C
1,1'-Biphenyl		750	550	ug/kg	73		SW846 8270C
		750	440	ug/kg	59	21	SW846 8270C
bis(2-Chloroethoxy) methane		750	540	ug/kg	72		SW846 8270C
		750	370	ug/kg	49 p	38	SW846 8270C
bis(2-Chloroethyl)- ether		750	430	ug/kg	58		SW846 8270C
		750	260	ug/kg	34 p	52	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate		750	640	ug/kg	83		SW846 8270C
		750	510	ug/kg	66	22	SW846 8270C
4-Bromophenyl phenyl ether		750	620	ug/kg	82		SW846 8270C
		750	500	ug/kg	67	21	SW846 8270C
Butyl benzyl phthalate		750	610	ug/kg	81		SW846 8270C
		750	490	ug/kg	65	22	SW846 8270C
Caprolactam		750	430	ug/kg	58		SW846 8270C
		750	360	ug/kg	48 a	18	SW846 8270C
Carbazole		750	640	ug/kg	85		SW846 8270C
		750	540	ug/kg	71	18	SW846 8270C
4-Chloroaniline		750	280	ug/kg	37		SW846 8270C
		750	200	ug/kg	27 p	32	SW846 8270C
4-Chloro-3-methylphenol		**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
		750	**430**	**ug/kg**	**56**	**20**	**SW846 8270C**
2-Chloronaphthalene		750	570	ug/kg	76		SW846 8270C
		750	460	ug/kg	61	21	SW846 8270C
2-Chlorophenol		**750**	**460**	**ug/kg**	**61**		**SW846 8270C**
		750	**310**	**ug/kg**	**41 p**	**40**	**SW846 8270C**
4-Chlorophenyl phenyl ether		750	600	ug/kg	80		SW846 8270C
		750	500	ug/kg	66	19	SW846 8270C
Chrysene		750	640	ug/kg	83		SW846 8270C
		750	560	ug/kg	72	14	SW846 8270C
Dibenz(a,h)anthracene		750	580	ug/kg	77		SW846 8270C
		750	480	ug/kg	64	18	SW846 8270C
Dibenzofuran		750	600	ug/kg	80		SW846 8270C
		750	500	ug/kg	66	18	SW846 8270C
3,3'-Dichlorobenzidine		750	310	ug/kg	41		SW846 8270C
		750	250	ug/kg	33	21	SW846 8270C
2,4-Dichlorophenol		750	420	ug/kg	56		SW846 8270C
		750	280	ug/kg	38 p	39	SW846 8270C
Diethyl phthalate		750	600	ug/kg	79		SW846 8270C
		750	500	ug/kg	67	18	SW846 8270C
2,4-Dimethylphenol		750	500	ug/kg	66		SW846 8270C
		750	390	ug/kg	51	25	SW846 8270C
Dimethyl phthalate		750	580	ug/kg	78		SW846 8270C
		750	490	ug/kg	65	17	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate		750	670	ug/kg	89		SW846 8270C
		750	540	ug/kg	71	22	SW846 8270C
4,6-Dinitro-2-methylphenol		750	190	ug/kg	25		SW846 8270C
		750	92	ug/kg	12 p	68	SW846 8270C
2,4-Dinitrophenol		750	160	ug/kg	21		SW846 8270C
		750	160	ug/kg	21	0.55	SW846 8270C
2,4-Dinitrotoluene		**750**	**630**	**ug/kg**	**84**		**SW846 8270C**
		750	**520**	**ug/kg**	**69**	**20**	**SW846 8270C**
2,6-Dinitrotoluene		750	620	ug/kg	82		SW846 8270C
		750	540	ug/kg	71	14	SW846 8270C
Di-n-octyl phthalate		750	560	ug/kg	74		SW846 8270C
		750	460	ug/kg	61	20	SW846 8270C
Fluoranthene		750	760	ug/kg	96		SW846 8270C
		750	710	ug/kg	90	5.8	SW846 8270C
Fluorene		750	570	ug/kg	76		SW846 8270C
		750	490	ug/kg	65	16	SW846 8270C
Hexachlorobenzene		750	570	ug/kg	76		SW846 8270C
		750	490	ug/kg	65	15	SW846 8270C
Hexachlorobutadiene		750	570	ug/kg	75		SW846 8270C
		750	350	ug/kg	47 p	47	SW846 8270C
Hexachlorocyclopenta-diene		750	260	ug/kg	35		SW846 8270C
		750	230	ug/kg	30	15	SW846 8270C
Hexachloroethane		750	600	ug/kg	80		SW846 8270C
		750	310	ug/kg	41 p	64	SW846 8270C
Indeno(1,2,3-cd)pyrene		750	610	ug/kg	81		SW846 8270C
		750	520	ug/kg	69	17	SW846 8270C
Isophorone		750	610	ug/kg	81		SW846 8270C
		750	420	ug/kg	56 p	37	SW846 8270C
2-Methylnaphthalene		750	600	ug/kg	80		SW846 8270C
		750	460	ug/kg	61	27	SW846 8270C
2-Methylphenol		750	460	ug/kg	61		SW846 8270C
		750	420	ug/kg	55	9.8	SW846 8270C
4-Methylphenol		1500	1100	ug/kg	72		SW846 8270C
		1500	860	ug/kg	57	23	SW846 8270C
Naphthalene		750	570	ug/kg	76		SW846 8270C
		750	370	ug/kg	48 p	44	SW846 8270C
2-Nitroaniline		750	670	ug/kg	89		SW846 8270C
		750	550	ug/kg	73	21	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline		750	530	ug/kg	71		SW846 8270C
		750	430	ug/kg	57	21	SW846 8270C
4-Nitroaniline		750	610	ug/kg	81		SW846 8270C
		750	510	ug/kg	67	18	SW846 8270C
Nitrobenzene		750	560	ug/kg	74		SW846 8270C
		750	350	ug/kg	46 p	46	SW846 8270C
2-Nitrophenol		750	210	ug/kg	28		SW846 8270C
		750	190	ug/kg	25	9.6	SW846 8270C
4-Nitrophenol		**750**	**200**	**ug/kg**	**26**		**SW846 8270C**
		750	**170**	**ug/kg**	**22**	**16**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine		**750**	**550**	**ug/kg**	**73**		**SW846 8270C**
		750	**360**	**ug/kg**	**47 p**	**43**	**SW846 8270C**
N-Nitrosodiphenylamine		750	600	ug/kg	80		SW846 8270C
		750	490	ug/kg	64	21	SW846 8270C
Pentachlorophenol		**750**	**0.0**	**ug/kg**	**0.0 a**		**SW846 8270C**
		750	**110**	**ug/kg**	**15 p**	**200**	**SW846 8270C**
Phenanthrene		750	640	ug/kg	83		SW846 8270C
		750	550	ug/kg	71	15	SW846 8270C
Phenol		**750**	**500**	**ug/kg**	**66**		**SW846 8270C**
		750	**370**	**ug/kg**	**49**	**29**	**SW846 8270C**
Pyrene		**750**	**720**	**ug/kg**	**91**		**SW846 8270C**
		750	**630**	**ug/kg**	**79**	**13**	**SW846 8270C**
2,4,5-Trichloro-phenol		750	280	ug/kg	37		SW846 8270C
		750	200	ug/kg	26 a,p	33	SW846 8270C
2,4,6-Trichloro-phenol		750	220	ug/kg	30		SW846 8270C
		750	200	ug/kg	26	12	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
	37	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	84	(41 - 119)
	69	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	64	(28 - 110)
	50	(28 - 110)
2-Fluorophenol	69	(26 - 110)
	39	(26 - 110)
2,4,6-Tribromophenol	23	(10 - 118)
	23	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7339058
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	73	(25 - 124)			SW846 8270C
	45 p	(25 - 124)	48	(0-30)	SW846 8270C
Pyridine	66	(10 - 110)			SW846 8270C
	26 p	(10 - 110)	87	(0-30)	SW846 8270C
Acenaphthene	**75**	**(10 - 200)**			**SW846 8270C**
	61	**(10 - 200)**	**19**	**(0-30)**	**SW846 8270C**
Acenaphthylene	83	(10 - 200)			SW846 8270C
	68	(10 - 200)	20	(0-30)	SW846 8270C
Acetophenone	62	(50 - 130)			SW846 8270C
	40 a,p	(50 - 130)	44	(0-30)	SW846 8270C
Anthracene	86	(10 - 200)			SW846 8270C
	73	(10 - 200)	16	(0-30)	SW846 8270C
Atrazine	83	(50 - 130)			SW846 8270C
	68	(50 - 130)	19	(0-30)	SW846 8270C
Benzo(a)anthracene	84	(10 - 200)			SW846 8270C
	73	(10 - 200)	13	(0-30)	SW846 8270C
Benzo(a)pyrene	76	(10 - 200)			SW846 8270C
	68	(10 - 200)	11	(0-30)	SW846 8270C
Benzo(b)fluoranthene	92	(10 - 200)			SW846 8270C
	73	(10 - 200)	22	(0-30)	SW846 8270C
Benzo(ghi)perylene	82	(10 - 200)			SW846 8270C
	69	(10 - 200)	17	(0-30)	SW846 8270C
Benzo(k)fluoranthene	73	(10 - 200)			SW846 8270C
	71	(10 - 200)	2.8	(0-30)	SW846 8270C
Benzaldehyde	77	(10 - 130)			SW846 8270C
	42 p	(10 - 130)	58	(0-30)	SW846 8270C
1,1'-Biphenyl	73	(50 - 130)			SW846 8270C
	59	(50 - 130)	21	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	72	(36 - 110)			SW846 8270C
	49 p	(36 - 110)	38	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	58	(32 - 118)			SW846 8270C
	34 p	(32 - 118)	52	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	83	(10 - 200)			SW846 8270C
	66	(10 - 200)	22	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	82	(44 - 120)			SW846 8270C
	67	(44 - 120)	21	(0-30)	SW846 8270C
Butyl benzyl phthalate	81	(43 - 138)			SW846 8270C
	65	(43 - 138)	22	(0-30)	SW846 8270C
Caprolactam	58	(50 - 130)			SW846 8270C
	48 a	(50 - 130)	18	(0-30)	SW846 8270C
Carbazole	85	(10 - 162)			SW846 8270C
	71	(10 - 162)	18	(0-30)	SW846 8270C
4-Chloroaniline	37	(11 - 110)			SW846 8270C
	27 p	(11 - 110)	32	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**69**	**(32 - 117)**			**SW846 8270C**
	56	**(32 - 117)**	**20**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	76	(40 - 110)			SW846 8270C
	61	(40 - 110)	21	(0-30)	SW846 8270C
2-Chlorophenol	**61**	**(32 - 110)**			**SW846 8270C**
	41 p	**(32 - 110)**	**40**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	80	(47 - 116)			SW846 8270C
	66	(47 - 116)	19	(0-30)	SW846 8270C
Chrysene	83	(10 - 200)			SW846 8270C
	72	(10 - 200)	14	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	77	(10 - 200)			SW846 8270C
	64	(10 - 200)	18	(0-30)	SW846 8270C
Dibenzofuran	80	(10 - 200)			SW846 8270C
	66	(10 - 200)	18	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	41	(10 - 110)			SW846 8270C
	33	(10 - 110)	21	(0-30)	SW846 8270C
2,4-Dichlorophenol	56	(33 - 110)			SW846 8270C
	38 p	(33 - 110)	39	(0-30)	SW846 8270C
Diethyl phthalate	79	(48 - 118)			SW846 8270C
	67	(48 - 118)	18	(0-30)	SW846 8270C
2,4-Dimethylphenol	66	(19 - 114)			SW846 8270C
	51	(19 - 114)	25	(0-30)	SW846 8270C
Dimethyl phthalate	78	(47 - 116)			SW846 8270C
	65	(47 - 116)	17	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	89	(31 - 145)			SW846 8270C
	71	(31 - 145)	22	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	25	(10 - 110)			SW846 8270C
	12 p	(10 - 110)	68	(0-30)	SW846 8270C
2,4-Dinitrophenol	21	(10 - 110)			SW846 8270C
	21	(10 - 110)	0.55	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**84**	**(42 - 118)**			**SW846 8270C**
	69	**(42 - 118)**	**20**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	82	(28 - 137)			SW846 8270C
	71	(28 - 137)	14	(0-30)	SW846 8270C
Di-n-octyl phthalate	74	(10 - 182)			SW846 8270C
	61	(10 - 182)	20	(0-30)	SW846 8270C
Fluoranthene	96	(10 - 200)			SW846 8270C
	90	(10 - 200)	5.8	(0-30)	SW846 8270C
Fluorene	76	(10 - 187)			SW846 8270C
	65	(10 - 187)	16	(0-30)	SW846 8270C
Hexachlorobenzene	76	(37 - 122)			SW846 8270C
	65	(37 - 122)	15	(0-30)	SW846 8270C
Hexachlorobutadiene	75	(30 - 110)			SW846 8270C
	47 p	(30 - 110)	47	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	35	(10 - 110)			SW846 8270C
	30	(10 - 110)	15	(0-30)	SW846 8270C
Hexachloroethane	80	(13 - 110)			SW846 8270C
	41 p	(13 - 110)	64	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	(10 - 200)			SW846 8270C
	69	(10 - 200)	17	(0-30)	SW846 8270C
Isophorone	81	(32 - 129)			SW846 8270C
	56 p	(32 - 129)	37	(0-30)	SW846 8270C
2-Methylnaphthalene	80	(10 - 200)			SW846 8270C
	61	(10 - 200)	27	(0-30)	SW846 8270C
2-Methylphenol	61	(19 - 124)			SW846 8270C
	55	(19 - 124)	9.8	(0-30)	SW846 8270C
4-Methylphenol	72	(27 - 116)			SW846 8270C
	57	(27 - 116)	23	(0-30)	SW846 8270C
Naphthalene	76	(10 - 200)			SW846 8270C
	48 p	(10 - 200)	44	(0-30)	SW846 8270C
2-Nitroaniline	89	(31 - 141)			SW846 8270C
	73	(31 - 141)	21	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	71	(24 - 110)			SW846 8270C
	57	(24 - 110)	21	(0-30)	SW846 8270C
4-Nitroaniline	81	(23 - 124)			SW846 8270C
	67	(23 - 124)	18	(0-30)	SW846 8270C
Nitrobenzene	74	(33 - 111)			SW846 8270C
	46 p	(33 - 111)	46	(0-30)	SW846 8270C
2-Nitrophenol	28	(17 - 110)			SW846 8270C
	25	(17 - 110)	9.6	(0-30)	SW846 8270C
4-Nitrophenol	**26**	**(10 - 125)**			**SW846 8270C**
	22	**(10 - 125)**	**16**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(30 - 121)**			**SW846 8270C**
	47 p	**(30 - 121)**	**43**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	80	(10 - 169)			SW846 8270C
	64	(10 - 169)	21	(0-30)	SW846 8270C
Pentachlorophenol	**0.0 a**	**(10 - 182)**			**SW846 8270C**
	15 p	**(10 - 182)**	**200**	**(0-30)**	**SW846 8270C**
Phenanthrene	83	(10 - 200)			SW846 8270C
	71	(10 - 200)	15	(0-30)	SW846 8270C
Phenol	**66**	**(10 - 144)**			**SW846 8270C**
	49	**(10 - 144)**	**29**	**(0-30)**	**SW846 8270C**
Pyrene	**91**	**(10 - 200)**			**SW846 8270C**
	79	**(10 - 200)**	**13**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	37	(32 - 112)			SW846 8270C
	26 a,p	(32 - 112)	33	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	30	(22 - 110)			SW846 8270C
	26	(22 - 110)	12	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
	37	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	84	(41 - 119)
	69	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD7W1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040225-001 KDD7W1EN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	64	(28 - 110)
	50	(28 - 110)
2-Fluorophenol	69	(26 - 110)
	39	(26 - 110)
2,4,6-Tribromophenol	23	(10 - 118)
	23	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD
Date Sampled...: 12/04/07 10:00 **Date Received..:** 12/05/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7342022
Dilution Factor: 1 **% Moisture.....:** 29

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	940	960	ug/kg	102		SW846 8270C
	ND	940	930	ug/kg	99	3.5	SW846 8270C
Pyridine	ND	940	340	ug/kg	36		SW846 8270C
	ND	940	300	ug/kg	32	12	SW846 8270C
Acenaphthene	**ND**	**940**	**670**	**ug/kg**	**70**		**SW846 8270C**
	ND	**940**	**620**	**ug/kg**	**66**	**7.4**	**SW846 8270C**
Acenaphthylene	ND	940	660	ug/kg	70		SW846 8270C
	ND	940	620	ug/kg	66	6.7	SW846 8270C
Acetophenone	ND	940	570	ug/kg	61		SW846 8270C
	ND	940	540	ug/kg	57	6.3	SW846 8270C
Anthracene	14	940	720	ug/kg	74		SW846 8270C
	14	940	730	ug/kg	76	1.7	SW846 8270C
Atrazine	ND	940	820	ug/kg	87		SW846 8270C
	ND	940	830	ug/kg	89	1.1	SW846 8270C
Benzo(a)anthracene	110	940	730	ug/kg	66		SW846 8270C
	110	940	710	ug/kg	64	3.0	SW846 8270C
Benzo(a)pyrene	110	940	710	ug/kg	64		SW846 8270C
	110	940	710	ug/kg	65	0.38	SW846 8270C
Benzo(b)fluoranthene	200	940	750	ug/kg	58		SW846 8270C
	200	940	950	ug/kg	80	24	SW846 8270C
Benzo(ghi)perylene	91	940	740	ug/kg	69		SW846 8270C
	91	940	740	ug/kg	69	1.1	SW846 8270C
Benzo(k)fluoranthene	57	940	830	ug/kg	81		SW846 8270C
	57	940	760	ug/kg	75	8.4	SW846 8270C
Benzaldehyde	ND	940	620	ug/kg	66		SW846 8270C
	ND	940	540	ug/kg	57	14	SW846 8270C
1,1'-Biphenyl	ND	940	630	ug/kg	66		SW846 8270C
	ND	940	530	ug/kg	57	16	SW846 8270C
bis(2-Chloroethoxy) methane	ND	940	570	ug/kg	60		SW846 8270C
	ND	940	540	ug/kg	57	5.8	SW846 8270C
bis(2-Chloroethyl)-ether	ND	940	550	ug/kg	59		SW846 8270C
	ND	940	510	ug/kg	54	8.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	29	940	680	ug/kg	69		SW846 8270C
	29	940	650	ug/kg	66	4.7	SW846 8270C
4-Bromophenyl phenyl ether	ND	940	810	ug/kg	86		SW846 8270C
	ND	940	800	ug/kg	86	0.59	SW846 8270C
Butyl benzyl phthalate	ND	940	620	ug/kg	65		SW846 8270C
	ND	940	620	ug/kg	66	0.01	SW846 8270C
Caprolactam	ND	940	720	ug/kg	76		SW846 8270C
	ND	940	710	ug/kg	75	2.1	SW846 8270C
Carbazole	ND	940	700	ug/kg	74		SW846 8270C
	ND	940	730	ug/kg	78	4.6	SW846 8270C
4-Chloroaniline	ND	940	410	ug/kg	43		SW846 8270C
	ND	940	410	ug/kg	43	0.11	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**940**	**630**	**ug/kg**	**67**		**SW846 8270C**
	ND	**940**	**620**	**ug/kg**	**66**	**1.5**	**SW846 8270C**
2-Chloronaphthalene	ND	940	660	ug/kg	70		SW846 8270C
	ND	940	630	ug/kg	67	5.4	SW846 8270C
2-Chlorophenol	**ND**	**940**	**650**	**ug/kg**	**69**		**SW846 8270C**
	ND	**940**	**640**	**ug/kg**	**68**	**1.5**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	940	710	ug/kg	75		SW846 8270C
	ND	940	670	ug/kg	72	4.8	SW846 8270C
Chrysene	140	940	800	ug/kg	70		SW846 8270C
	140	940	810	ug/kg	71	1.4	SW846 8270C
Dibenz(a,h)anthracene	20	940	770	ug/kg	80		SW846 8270C
	20	940	750	ug/kg	78	3.5	SW846 8270C
Dibenzofuran	ND	940	670	ug/kg	71		SW846 8270C
	ND	940	630	ug/kg	67	5.2	SW846 8270C
3,3'-Dichlorobenzidine	ND	940	40	ug/kg	4.2 a		SW846 8270C
	ND	940	39	ug/kg	4.2 a	1.5	SW846 8270C
2,4-Dichlorophenol	ND	940	680	ug/kg	72		SW846 8270C
	ND	940	620	ug/kg	66	8.8	SW846 8270C
Diethyl phthalate	ND	940	700	ug/kg	74		SW846 8270C
	ND	940	690	ug/kg	73	1.8	SW846 8270C
2,4-Dimethylphenol	ND	940	580	ug/kg	61		SW846 8270C
	ND	940	550	ug/kg	58	5.9	SW846 8270C
Dimethyl phthalate	ND	940	700	ug/kg	74		SW846 8270C
	ND	940	660	ug/kg	70	5.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	940	760	ug/kg	81		SW846 8270C
	ND	940	780	ug/kg	83	2.1	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	940	680	ug/kg	72		SW846 8270C
	ND	940	660	ug/kg	71	2.0	SW846 8270C
2,4-Dinitrophenol	ND	940	610	ug/kg	64		SW846 8270C
	ND	940	560	ug/kg	60	7.4	SW846 8270C
2,4-Dinitrotoluene	**ND**	**940**	**750**	**ug/kg**	**79**		**SW846 8270C**
	ND	**940**	**710**	**ug/kg**	**75**	**6.1**	**SW846 8270C**
2,6-Dinitrotoluene	ND	940	730	ug/kg	77		SW846 8270C
	ND	940	700	ug/kg	74	3.8	SW846 8270C
Di-n-octyl phthalate	ND	940	680	ug/kg	71		SW846 8270C
	ND	940	690	ug/kg	74	2.5	SW846 8270C
Fluoranthene	250	940	890	ug/kg	68		SW846 8270C
	250	940	920	ug/kg	72	3.7	SW846 8270C
Fluorene	ND	940	700	ug/kg	74		SW846 8270C
	ND	940	680	ug/kg	72	3.8	SW846 8270C
Hexachlorobenzene	ND	940	750	ug/kg	80		SW846 8270C
	ND	940	760	ug/kg	81	1.1	SW846 8270C
Hexachlorobutadiene	ND	940	610	ug/kg	65		SW846 8270C
	ND	940	560	ug/kg	59	9.5	SW846 8270C
Hexachlorocyclopenta-diene	ND	940	440	ug/kg	46		SW846 8270C
	ND	940	370	ug/kg	40	16	SW846 8270C
Hexachloroethane	ND	940	530	ug/kg	56		SW846 8270C
	ND	940	500	ug/kg	53	6.6	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	940	770	ug/kg	73		SW846 8270C
	81	940	760	ug/kg	72	0.95	SW846 8270C
Isophorone	ND	940	660	ug/kg	70		SW846 8270C
	ND	940	630	ug/kg	67	4.5	SW846 8270C
2-Methylnaphthalene	ND	940	730	ug/kg	77		SW846 8270C
	ND	940	690	ug/kg	74	4.6	SW846 8270C
2-Methylphenol	ND	940	580	ug/kg	62		SW846 8270C
	ND	940	590	ug/kg	63	1.5	SW846 8270C
4-Methylphenol	ND	1900	1200	ug/kg	65		SW846 8270C
	ND	1900	1200	ug/kg	63	4.7	SW846 8270C
Naphthalene	ND	940	630	ug/kg	67		SW846 8270C
	ND	940	600	ug/kg	63	6.4	SW846 8270C
2-Nitroaniline	ND	940	790	ug/kg	84		SW846 8270C
	ND	940	760	ug/kg	81	4.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	940	450	ug/kg	47		SW846 8270C
	ND	940	550	ug/kg	59	21	SW846 8270C
4-Nitroaniline	ND	940	460	ug/kg	49		SW846 8270C
	ND	940	540	ug/kg	57	14	SW846 8270C
Nitrobenzene	ND	940	630	ug/kg	67		SW846 8270C
	ND	940	590	ug/kg	63	7.1	SW846 8270C
2-Nitrophenol	ND	940	620	ug/kg	66		SW846 8270C
	ND	940	580	ug/kg	62	6.0	SW846 8270C
4-Nitrophenol	**ND**	**940**	**750**	**ug/kg**	**79**		**SW846 8270C**
	ND	**940**	**760**	**ug/kg**	**81**	**1.4**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**940**	**690**	**ug/kg**	**73**		**SW846 8270C**
	ND	**940**	**690**	**ug/kg**	**73**	**0.24**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	940	760	ug/kg	80		SW846 8270C
	ND	940	770	ug/kg	82	1.3	SW846 8270C
Pentachlorophenol	**ND**	**940**	**760**	**ug/kg**	**81**		**SW846 8270C**
	ND	**940**	**740**	**ug/kg**	**79**	**3.2**	**SW846 8270C**
Phenanthrene	72	940	730	ug/kg	70		SW846 8270C
	72	940	760	ug/kg	73	3.7	SW846 8270C
Phenol	**ND**	**940**	**540**	**ug/kg**	**57**		**SW846 8270C**
	ND	**940**	**540**	**ug/kg**	**57**	**0.49**	**SW846 8270C**
Pyrene	**200**	**940**	**730**	**ug/kg**	**57**		**SW846 8270C**
	200	**940**	**760**	**ug/kg**	**60**	**3.6**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	940	680	ug/kg	72		SW846 8270C
	ND	940	650	ug/kg	70	3.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	940	640	ug/kg	68		SW846 8270C
	ND	940	610	ug/kg	65	4.2	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
	63	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
	66	(34 - 110)
Terphenyl-d14	79	(41 - 119)
	81	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	61	(28 - 110)
	59	(28 - 110)
2-Fluorophenol	58	(26 - 110)
	60	(26 - 110)
2,4,6-Tribromophenol	85	(10 - 118)
	83	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD
Date Sampled...: 12/04/07 10:00 **Date Received..:** 12/05/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7342022
Dilution Factor: 1 **% Moisture.....:** 29

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	102	(25 - 124)			SW846 8270C
	99	(25 - 124)	3.5	(0-30)	SW846 8270C
Pyridine	36	(10 - 110)			SW846 8270C
	32	(10 - 110)	12	(0-30)	SW846 8270C
Acenaphthene	**70**	**(10 - 200)**			**SW846 8270C**
	66	**(10 - 200)**	**7.4**	**(0-30)**	**SW846 8270C**
Acenaphthylene	70	(10 - 200)			SW846 8270C
	66	(10 - 200)	6.7	(0-30)	SW846 8270C
Acetophenone	61	(50 - 130)			SW846 8270C
	57	(50 - 130)	6.3	(0-30)	SW846 8270C
Anthracene	74	(10 - 200)			SW846 8270C
	76	(10 - 200)	1.7	(0-30)	SW846 8270C
Atrazine	87	(50 - 130)			SW846 8270C
	89	(50 - 130)	1.1	(0-30)	SW846 8270C
Benzo(a)anthracene	66	(10 - 200)			SW846 8270C
	64	(10 - 200)	3.0	(0-30)	SW846 8270C
Benzo(a)pyrene	64	(10 - 200)			SW846 8270C
	65	(10 - 200)	0.38	(0-30)	SW846 8270C
Benzo(b)fluoranthene	58	(10 - 200)			SW846 8270C
	80	(10 - 200)	24	(0-30)	SW846 8270C
Benzo(ghi)perylene	69	(10 - 200)			SW846 8270C
	69	(10 - 200)	1.1	(0-30)	SW846 8270C
Benzo(k)fluoranthene	81	(10 - 200)			SW846 8270C
	75	(10 - 200)	8.4	(0-30)	SW846 8270C
Benzaldehyde	66	(10 - 130)			SW846 8270C
	57	(10 - 130)	14	(0-30)	SW846 8270C
1,1'-Biphenyl	66	(50 - 130)			SW846 8270C
	57	(50 - 130)	16	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	60	(36 - 110)			SW846 8270C
	57	(36 - 110)	5.8	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	59	(32 - 118)			SW846 8270C
	54	(32 - 118)	8.4	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	69	(10 - 200)			SW846 8270C
	66	(10 - 200)	4.7	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	86	(44 - 120)			SW846 8270C
	86	(44 - 120)	0.59	(0-30)	SW846 8270C
Butyl benzyl phthalate	65	(43 - 138)			SW846 8270C
	66	(43 - 138)	0.01	(0-30)	SW846 8270C
Caprolactam	76	(50 - 130)			SW846 8270C
	75	(50 - 130)	2.1	(0-30)	SW846 8270C
Carbazole	74	(10 - 162)			SW846 8270C
	78	(10 - 162)	4.6	(0-30)	SW846 8270C
4-Chloroaniline	43	(11 - 110)			SW846 8270C
	43	(11 - 110)	0.11	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**67**	**(32 - 117)**			**SW846 8270C**
	66	**(32 - 117)**	**1.5**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	70	(40 - 110)			SW846 8270C
	67	(40 - 110)	5.4	(0-30)	SW846 8270C
2-Chlorophenol	**69**	**(32 - 110)**			**SW846 8270C**
	68	**(32 - 110)**	**1.5**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	75	(47 - 116)			SW846 8270C
	72	(47 - 116)	4.8	(0-30)	SW846 8270C
Chrysene	70	(10 - 200)			SW846 8270C
	71	(10 - 200)	1.4	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	80	(10 - 200)			SW846 8270C
	78	(10 - 200)	3.5	(0-30)	SW846 8270C
Dibenzofuran	71	(10 - 200)			SW846 8270C
	67	(10 - 200)	5.2	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	4.2 a	(10 - 110)			SW846 8270C
	4.2 a	(10 - 110)	1.5	(0-30)	SW846 8270C
2,4-Dichlorophenol	72	(33 - 110)			SW846 8270C
	66	(33 - 110)	8.8	(0-30)	SW846 8270C
Diethyl phthalate	74	(48 - 118)			SW846 8270C
	73	(48 - 118)	1.8	(0-30)	SW846 8270C
2,4-Dimethylphenol	61	(19 - 114)			SW846 8270C
	58	(19 - 114)	5.9	(0-30)	SW846 8270C
Dimethyl phthalate	74	(47 - 116)			SW846 8270C
	70	(47 - 116)	5.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	81	(31 - 145)			SW846 8270C
	83	(31 - 145)	2.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	72	(10 - 110)			SW846 8270C
	71	(10 - 110)	2.0	(0-30)	SW846 8270C
2,4-Dinitrophenol	64	(10 - 110)			SW846 8270C
	60	(10 - 110)	7.4	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**79**	**(42 - 118)**			**SW846 8270C**
	75	**(42 - 118)**	**6.1**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	77	(28 - 137)			SW846 8270C
	74	(28 - 137)	3.8	(0-30)	SW846 8270C
Di-n-octyl phthalate	71	(10 - 182)			SW846 8270C
	74	(10 - 182)	2.5	(0-30)	SW846 8270C
Fluoranthene	68	(10 - 200)			SW846 8270C
	72	(10 - 200)	3.7	(0-30)	SW846 8270C
Fluorene	74	(10 - 187)			SW846 8270C
	72	(10 - 187)	3.8	(0-30)	SW846 8270C
Hexachlorobenzene	80	(37 - 122)			SW846 8270C
	81	(37 - 122)	1.1	(0-30)	SW846 8270C
Hexachlorobutadiene	65	(30 - 110)			SW846 8270C
	59	(30 - 110)	9.5	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	46	(10 - 110)			SW846 8270C
	40	(10 - 110)	16	(0-30)	SW846 8270C
Hexachloroethane	56	(13 - 110)			SW846 8270C
	53	(13 - 110)	6.6	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(10 - 200)			SW846 8270C
	72	(10 - 200)	0.95	(0-30)	SW846 8270C
Isophorone	70	(32 - 129)			SW846 8270C
	67	(32 - 129)	4.5	(0-30)	SW846 8270C
2-Methylnaphthalene	77	(10 - 200)			SW846 8270C
	74	(10 - 200)	4.6	(0-30)	SW846 8270C
2-Methylphenol	62	(19 - 124)			SW846 8270C
	63	(19 - 124)	1.5	(0-30)	SW846 8270C
4-Methylphenol	65	(27 - 116)			SW846 8270C
	63	(27 - 116)	4.7	(0-30)	SW846 8270C
Naphthalene	67	(10 - 200)			SW846 8270C
	63	(10 - 200)	6.4	(0-30)	SW846 8270C
2-Nitroaniline	84	(31 - 141)			SW846 8270C
	81	(31 - 141)	4.2	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	47	(24 - 110)			SW846 8270C
	59	(24 - 110)	21	(0-30)	SW846 8270C
4-Nitroaniline	49	(23 - 124)			SW846 8270C
	57	(23 - 124)	14	(0-30)	SW846 8270C
Nitrobenzene	67	(33 - 111)			SW846 8270C
	63	(33 - 111)	7.1	(0-30)	SW846 8270C
2-Nitrophenol	66	(17 - 110)			SW846 8270C
	62	(17 - 110)	6.0	(0-30)	SW846 8270C
4-Nitrophenol	**79**	**(10 - 125)**			**SW846 8270C**
	81	**(10 - 125)**	**1.4**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**73**	**(30 - 121)**			**SW846 8270C**
	73	**(30 - 121)**	**0.24**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	80	(10 - 169)			SW846 8270C
	82	(10 - 169)	1.3	(0-30)	SW846 8270C
Pentachlorophenol	**81**	**(10 - 182)**			**SW846 8270C**
	79	**(10 - 182)**	**3.2**	**(0-30)**	**SW846 8270C**
Phenanthrene	70	(10 - 200)			SW846 8270C
	73	(10 - 200)	3.7	(0-30)	SW846 8270C
Phenol	**57**	**(10 - 144)**			**SW846 8270C**
	57	**(10 - 144)**	**0.49**	**(0-30)**	**SW846 8270C**
Pyrene	**57**	**(10 - 200)**			**SW846 8270C**
	60	**(10 - 200)**	**3.6**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	72	(32 - 112)			SW846 8270C
	70	(32 - 112)	3.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	68	(22 - 110)			SW846 8270C
	65	(22 - 110)	4.2	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
	63	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
	66	(34 - 110)
Terphenyl-d14	79	(41 - 119)
	81	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDM4M1A8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L070112-001 KDM4M1A9-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	61	(28 - 110)
	59	(28 - 110)
2-Fluorophenol	58	(26 - 110)
	60	(26 - 110)
2,4,6-Tribromophenol	85	(10 - 118)
	83	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD9N1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L040000-347
Prep Date.....: 12/04/07
Analysis Date..: 12/05/07 **Prep Batch #...:** 7338347
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	115	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD9N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L040000-347
Prep Date.....: 12/04/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7338347
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**350**	**ug/kg**	**104**	**SW846 8082**
Aroclor 1260	**330**	**400**	**ug/kg**	**120**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 196)
Decachlorobiphenyl	132	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDD9N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L040000-347
Prep Date.....: 12/04/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7338347
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**104**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**120**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 196)
Decachlorobiphenyl	132	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDC861AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L040105-002 KDC861AG-MSD
Date Sampled...: 11/11/07 11:22 **Date Received..:** 11/13/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7338347
Dilution Factor: 1 **% Moisture.....:** 11

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**380**	**450**	**ug/kg**	**120**		**SW846 8082**
	ND	**380**	**440**	**ug/kg**	**117**	**3.3**	**SW846 8082**
Aroclor 1260	**ND**	**380**	**440**	**ug/kg**	**118**		**SW846 8082**
	ND	**380**	**420**	**ug/kg**	**112**	**5.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
	101	(10 - 196)
Decachlorobiphenyl	118	(10 - 199)
	116	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L040225 **Work Order #...:** KDC861AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L040105-002 KDC861AG-MSD
Date Sampled...: 11/11/07 11:22 **Date Received..:** 11/13/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7338347
Dilution Factor: 1 **% Moisture.....:** 11

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**120**	**(10 - 199)**			**SW846 8082**
	117	**(10 - 199)**	**3.3**	**(0-30)**	**SW846 8082**
Aroclor 1260	**118**	**(10 - 199)**			**SW846 8082**
	112	**(10 - 199)**	**5.1**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
	101	(10 - 196)
Decachlorobiphenyl	118	(10 - 199)
	116	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L050000-027 **Prep Batch #...:** 7339027						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/05/07	KDFRK1AC
		Dilution Factor: 1				
Antimony	**0.024 B**	**0.16**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDFRK1AV**
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	12/05-12/06/07	KDFRK1AW
		Dilution Factor: 1				
Barium	**0.10 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDFRK1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/05/07	KDFRK1AE
		Dilution Factor: 1				
Cadmium	**0.039 B**	**0.080**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDFRK1AF**
		Dilution Factor: 1				
Calcium	**23.9 B**	**400**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDFRK1AG**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	12/05/07	KDFRK1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/05/07	KDFRK1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	12/05/07	KDFRK1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	12/05/07	KDFRK1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	12/05/07	KDFRK1AU
		Dilution Factor: 1				
Magnesium	**7.0 B**	**80.0**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDFRK1AL**
		Dilution Factor: 1				
Manganese	**0.089 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/05/07**	**KDFRK1AM**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	12/05-12/06/07	KDFRK1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	12/05/07	KDFRK1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	12/05/07	KDFRK1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	12/05-12/06/07	KDFRK1AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	12/05-12/06/07	KDFRK1A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	12/05/07	KDFRK1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	12/05-12/06/07	KDFRK1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/05/07	KDFRK1AR
		Dilution Factor: 1				
Zinc	**1.2**	**0.80**	**mg/kg**	**SW846 6020**	**12/05-12/06/07**	**KDFRK1A2**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L050000-027 **Prep Batch #...:** 7339027							
Mercury	0.83	0.83	mg/kg	100	SW846 7471A	12/05-12/06/07	KDFRK1A3
			Dilution Factor: 1				
Aluminum	200	177	mg/kg	88	SW846 6010B	12/05/07	KDFRK1A4
			Dilution Factor: 1				
Barium	200	171	mg/kg	85	SW846 6010B	12/05/07	KDFRK1A5
			Dilution Factor: 1				
Beryllium	5.0	4.3	mg/kg	86	SW846 6010B	12/05/07	KDFRK1A6
			Dilution Factor: 1				
Cadmium	5.0	4.3	mg/kg	86	SW846 6010B	12/05/07	KDFRK1A7
			Dilution Factor: 1				
Calcium	5000	4570	mg/kg	91	SW846 6010B	12/05/07	KDFRK1A8
			Dilution Factor: 1				
Cobalt	50.0	41.3	mg/kg	83	SW846 6010B	12/05/07	KDFRK1A9
			Dilution Factor: 1				
Copper	25.0	22.1	mg/kg	88	SW846 6010B	12/05/07	KDFRK1CA
			Dilution Factor: 1				
Iron	100	98.9	mg/kg	99	SW846 6010B	12/05/07	KDFRK1CC
			Dilution Factor: 1				
Magnesium	5000	4570	mg/kg	91	SW846 6010B	12/05/07	KDFRK1CD
			Dilution Factor: 1				
Manganese	50.0	43.2	mg/kg	86	SW846 6010B	12/05/07	KDFRK1CE
			Dilution Factor: 1				
Nickel	50.0	41.4	mg/kg	83	SW846 6010B	12/05/07	KDFRK1CF
			Dilution Factor: 1				
Potassium	5000	4610	mg/kg	92	SW846 6010B	12/05/07	KDFRK1CG
			Dilution Factor: 1				
Sodium	5000	4440	mg/kg	89	SW846 6010B	12/05/07	KDFRK1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	44.4	mg/kg	89	SW846 6010B	12/05/07	KDFRK1CJ
			Dilution Factor: 1				
Chromium	20.0	17.8	mg/kg	89	SW846 6010B	12/05/07	KDFRK1CK
			Dilution Factor: 1				
Lead	50.0	41.1	mg/kg	82	SW846 6010B	12/05/07	KDFRK1CL
			Dilution Factor: 1				
Antimony	50.0	47.5	mg/kg	95	SW846 6020	12/05-12/06/07	KDFRK1CM
			Dilution Factor: 10				
Arsenic	10.0	8.3	mg/kg	83	SW846 6020	12/05-12/06/07	KDFRK1CN
			Dilution Factor: 1				
Selenium	10.0	8.1	mg/kg	81	SW846 6020	12/05-12/06/07	KDFRK1CP
			Dilution Factor: 1				
Silver	5.0	4.9	mg/kg	98	SW846 6020	12/05-12/06/07	KDFRK1CQ
			Dilution Factor: 10				
Thallium	10.0	8.7	mg/kg	87	SW846 6020	12/05-12/06/07	KDFRK1CR
			Dilution Factor: 1				
Zinc	10.0	10.2	mg/kg	102	SW846 6020	12/05-12/06/07	KDFRK1CT
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L050000-027 **Prep Batch #...:** 7339027					
Mercury	100	(81 - 116)	SW846 7471A	12/05-12/06/07	KDFRK1A3
		Dilution Factor: 1			
Aluminum	88	(80 - 120)	SW846 6010B	12/05/07	KDFRK1A4
		Dilution Factor: 1			
Barium	85	(80 - 120)	SW846 6010B	12/05/07	KDFRK1A5
		Dilution Factor: 1			
Beryllium	86	(80 - 120)	SW846 6010B	12/05/07	KDFRK1A6
		Dilution Factor: 1			
Cadmium	86	(80 - 120)	SW846 6010B	12/05/07	KDFRK1A7
		Dilution Factor: 1			
Calcium	91	(80 - 120)	SW846 6010B	12/05/07	KDFRK1A8
		Dilution Factor: 1			
Cobalt	83	(80 - 120)	SW846 6010B	12/05/07	KDFRK1A9
		Dilution Factor: 1			
Copper	88	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CA
		Dilution Factor: 1			
Iron	99	(73 - 137)	SW846 6010B	12/05/07	KDFRK1CC
		Dilution Factor: 1			
Magnesium	91	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CD
		Dilution Factor: 1			
Manganese	86	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CE
		Dilution Factor: 1			
Nickel	83	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CF
		Dilution Factor: 1			
Potassium	92	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CG
		Dilution Factor: 1			
Sodium	89	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CH
		Dilution Factor: 1			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	89	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CJ
		Dilution Factor: 1			
Chromium	89	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CK
		Dilution Factor: 1			
Lead	82	(80 - 120)	SW846 6010B	12/05/07	KDFRK1CL
		Dilution Factor: 1			
Antimony	95	(80 - 120)	SW846 6020	12/05-12/06/07	KDFRK1CM
		Dilution Factor: 10			
Arsenic	83	(73 - 110)	SW846 6020	12/05-12/06/07	KDFRK1CN
		Dilution Factor: 1			
Selenium	81	(73 - 110)	SW846 6020	12/05-12/06/07	KDFRK1CP
		Dilution Factor: 1			
Silver	98	(80 - 120)	SW846 6020	12/05-12/06/07	KDFRK1CQ
		Dilution Factor: 10			
Thallium	87	(71 - 110)	SW846 6020	12/05-12/06/07	KDFRK1CR
		Dilution Factor: 1			
Zinc	102	(72 - 113)	SW846 6020	12/05-12/06/07	KDFRK1CT
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L040225-001 **Prep Batch #...:** 7339027									
Aluminum									
	7350	226	8530	mg/kg			SW846 6010B	12/05/07	KDD7W1CD
			Qualifiers: NC,MSB						
	7350	226	10100	mg/kg			SW846 6010B	12/05-12/06/07	KDD7W1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.10	56.6	33.6 N	mg/kg	59		SW846 6020	12/05-12/06/07	KDD7W1DF
	0.10	56.6	28.7 N	mg/kg	51	16	SW846 6020	12/05-12/06/07	KDD7W1DG
			Dilution Factor: 10						
Arsenic									
	3.1	11.3	13.3	mg/kg	90		SW846 6020	12/05-12/06/07	KDD7W1DH
	3.1	11.3	14.7	mg/kg	102	9.8	SW846 6020	12/05-12/06/07	KDD7W1DJ
			Dilution Factor: 1						
Barium									
	35.1	226	222	mg/kg	83		SW846 6010B	12/05/07	KDD7W1CF
	35.1	226	220	mg/kg	82	1.1	SW846 6010B	12/05-12/06/07	KDD7W1CG
			Dilution Factor: 1						
Beryllium									
	0.053	5.7	4.6	mg/kg	80		SW846 6010B	12/05/07	KDD7W1CH
	0.053	5.7	4.4	mg/kg	77	2.9	SW846 6010B	12/05-12/06/07	KDD7W1CJ
			Dilution Factor: 1						
Cadmium									
	0.31	5.7	4.7	mg/kg	78		SW846 6010B	12/05/07	KDD7W1CK
	0.31	5.7	4.6	mg/kg	76	1.8	SW846 6010B	12/05-12/06/07	KDD7W1CL
			Dilution Factor: 1						
Calcium									
	44300	5660	66400	mg/kg			SW846 6010B	12/05-12/06/07	KDD7W1CM
			Qualifiers: NC,MSB						
	44300	5660	69700	mg/kg			SW846 6010B	12/05-12/06/07	KDD7W1CN
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	12.3	22.6	32.7	mg/kg	90		SW846 6010B	12/05/07	KDD7W1DA
	12.3	22.6	34.2	mg/kg	97	4.5	SW846 6010B	12/05-12/06/07	KDD7W1DC
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	5.7	56.6	48.9	mg/kg	76		SW846 6010B	12/05/07	KDD7W1CP
	5.7	56.6	47.9	mg/kg	75	2.0	SW846 6010B	12/05-12/06/07	KDD7W1CQ
			Dilution Factor: 1						
Copper									
	12.3	28.3	36.5	mg/kg	85		SW846 6010B	12/05/07	KDD7W1CR
	12.3	28.3	36.6	mg/kg	86	0.48	SW846 6010B	12/05-12/06/07	KDD7W1CT
			Dilution Factor: 1						
Iron									
	12900	113	13800	mg/kg			SW846 6010B	12/05/07	KDD7W1CU
			Qualifiers: NC,MSB						
	12900	113	14400	mg/kg			SW846 6010B	12/05-12/06/07	KDD7W1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	8.8	56.6	52.4	mg/kg	77		SW846 6010B	12/05/07	KDD7W1DD
	8.8	56.6	50.0 N	mg/kg	73	4.6	SW846 6010B	12/05-12/06/07	KDD7W1DE
			Dilution Factor: 1						
Magnesium									
	10500	5660	19100 N	mg/kg	152		SW846 6010B	12/05/07	KDD7W1CW
	10500	5660	19500 N	mg/kg	159	1.9	SW846 6010B	12/05-12/06/07	KDD7W1CX
			Dilution Factor: 1						
Manganese									
	294	56.6	340	mg/kg			SW846 6010B	12/05/07	KDD7W1C0
			Qualifiers: NC,MSB						
	294	56.6	362	mg/kg			SW846 6010B	12/05-12/06/07	KDD7W1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.017	0.19	0.21	mg/kg	104		SW846 7471A	12/05-12/06/07	KDD7W1CA
	0.017	0.19	0.21	mg/kg	100	4.0	SW846 7471A	12/05-12/06/07	KDD7W1CC
			Dilution Factor: 1						
Nickel									
	13.4	56.6	56.3	mg/kg	76		SW846 6010B	12/05/07	KDD7W1C2
	13.4	56.6	56.6	mg/kg	76	0.63	SW846 6010B	12/05-12/06/07	KDD7W1C3
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	1720	5660	6990	mg/kg	93		SW846 6010B	12/05/07	KDD7W1C4
	1720	5660	7700	mg/kg	106	9.6	SW846 6010B	12/05-12/06/07	KDD7W1C5
			Dilution Factor: 1						
Selenium									
	ND	11.3	8.9	mg/kg	79		SW846 6020	12/05-12/06/07	KDD7W1DK
	ND	11.3	9.5	mg/kg	84	6.0	SW846 6020	12/05-12/06/07	KDD7W1DL
			Dilution Factor: 1						
Silver									
	0.059	5.7	5.5	mg/kg	95		SW846 6020	12/05-12/06/07	KDD7W1DM
	0.059	5.7	5.4	mg/kg	94	1.6	SW846 6020	12/05-12/06/07	KDD7W1DN
			Dilution Factor: 10						
Sodium									
	531	5660	5350	mg/kg	85		SW846 6010B	12/05/07	KDD7W1C6
	531	5660	5260	mg/kg	84	1.6	SW846 6010B	12/05-12/06/07	KDD7W1C7
			Dilution Factor: 1						
Thallium									
	0.10	11.3	8.5	mg/kg	74		SW846 6020	12/05-12/06/07	KDD7W1DP
	0.10	11.3	8.8	mg/kg	77	4.1	SW846 6020	12/05-12/06/07	KDD7W1DQ
			Dilution Factor: 1						
Vanadium									
	17.2	56.6	66.6	mg/kg	87		SW846 6010B	12/05/07	KDD7W1C8
	17.2	56.6	68.3	mg/kg	90	2.5	SW846 6010B	12/05-12/06/07	KDD7W1C9
			Dilution Factor: 1						
Zinc									
	28.6	11.3	45.2	mg/kg	147		SW846 6020	12/05-12/06/07	KDD7W1DR
	28.6	11.3	52.1 N	mg/kg	208	14	SW846 6020	12/05-12/06/07	KDD7W1DT
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L040225-001 **Prep Batch #...:** 7339027							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CE
		Dilution Factor: 1					
Antimony	59 N	(75 - 125)			SW846 6020	12/05-12/06/07	KDD7W1DF
	51 N	(75 - 125)	16	(0-20)	SW846 6020	12/05-12/06/07	KDD7W1DG
		Dilution Factor: 10					
Arsenic	90	(23 - 131)			SW846 6020	12/05-12/06/07	KDD7W1DH
	102	(23 - 131)	9.8	(0-20)	SW846 6020	12/05-12/06/07	KDD7W1DJ
		Dilution Factor: 1					
Barium	83	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CF
	82	(75 - 125)	1.1	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CG
		Dilution Factor: 1					
Beryllium	80	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CH
	77	(75 - 125)	2.9	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CJ
		Dilution Factor: 1					
Cadmium	78	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CK
	76	(75 - 125)	1.8	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CL
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/05-12/06/07	KDD7W1CM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CN
		Dilution Factor: 5					
Chromium	90	(75 - 125)			SW846 6010B	12/05/07	KDD7W1DA
	97	(75 - 125)	4.5	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1DC
		Dilution Factor: 1					
Cobalt	76	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CP
	75	(75 - 125)	2.0	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CQ
		Dilution Factor: 1					
Copper	85	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CR
	86	(75 - 125)	0.48	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CT
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CV
		Dilution Factor: 1					
Lead	77	(75 - 125)			SW846 6010B	12/05/07	KDD7W1DD
	73 N	(75 - 125)	4.6	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1DE
		Dilution Factor: 1					
Magnesium	152 N	(75 - 125)			SW846 6010B	12/05/07	KDD7W1CW
	159 N	(75 - 125)	1.9	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1CX
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	12/05/07	KDD7W1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1C1
		Dilution Factor: 1					
Mercury	104	(11 - 192)			SW846 7471A	12/05-12/06/07	KDD7W1CA
	100	(11 - 192)	4.0	(0-20)	SW846 7471A	12/05-12/06/07	KDD7W1CC
		Dilution Factor: 1					
Nickel	76	(75 - 125)			SW846 6010B	12/05/07	KDD7W1C2
	76	(75 - 125)	0.63	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1C3
		Dilution Factor: 1					
Potassium	93	(75 - 125)			SW846 6010B	12/05/07	KDD7W1C4
	106	(75 - 125)	9.6	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1C5
		Dilution Factor: 1					
Selenium	79	(39 - 116)			SW846 6020	12/05-12/06/07	KDD7W1DK
	84	(39 - 116)	6.0	(0-20)	SW846 6020	12/05-12/06/07	KDD7W1DL
		Dilution Factor: 1					
Silver	95	(75 - 125)			SW846 6020	12/05-12/06/07	KDD7W1DM
	94	(75 - 125)	1.6	(0-20)	SW846 6020	12/05-12/06/07	KDD7W1DN
		Dilution Factor: 10					
Sodium	85	(75 - 125)			SW846 6010B	12/05/07	KDD7W1C6
	84	(75 - 125)	1.6	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1C7
		Dilution Factor: 1					
Thallium	74	(62 - 110)			SW846 6020	12/05-12/06/07	KDD7W1DP
	77	(62 - 110)	4.1	(0-20)	SW846 6020	12/05-12/06/07	KDD7W1DQ
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040225 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:00 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	87	(75 - 125)			SW846 6010B	12/05/07	KDD7W1C8
	90	(75 - 125)	2.5	(0-20)	SW846 6010B	12/05-12/06/07	KDD7W1C9
		Dilution Factor: 1					
Zinc	147	(10 - 199)			SW846 6020	12/05-12/06/07	KDD7W1DR
	208 N	(10 - 199)	14	(0-20)	SW846 6020	12/05-12/06/07	KDD7W1DT
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AA		MB Lot-Sample #:	A7L110000-331	
	ND	0.20	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KDXC81AA		MB Lot-Sample #:	A7L110000-435	
	ND	0.80	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1				
Percent Solids		Work Order #: KDN7T1AA		MB Lot-Sample #:	A7L060000-410	
	ND	10.0	%	MCAWW 160.3 MOD	12/06-12/07/07	7340410
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC		LCS Lot-Sample#: A7L110000-331			
	33.0	28.4	mg/kg	86	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KDXC81AC		LCS Lot-Sample#: A7L110000-435			
	644	717	mg/kg	111	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040225 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC	LCS Lot-Sample#: A7L110000-331		
	86	(68 - 123)	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KDXC81AC	LCS Lot-Sample#: A7L110000-435		
	111	(10 - 200)	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L040225 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
					% Moisture.....: 14				
Cyanide, Total			WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002		
	ND	2.3	2.2	mg/kg	96		SW846 9012A	12/11/07	7345331
	ND	2.3	2.2	mg/kg	94	2.5	SW846 9012A	12/11/07	7345331
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040225 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 14	
Cyanide, Total		WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002	
	96	(50 - 134)			SW846 9012A	12/11/07	7345331
	94	(50 - 134)	2.5	(0-20)	SW846 9012A	12/11/07	7345331

Dilution Factor: 1

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040225 **Work Order #...:** KDHJN-SMP KDHJN-DUP **Matrix.....:** SOLID

Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L050288-002		
	85.7	87.7	%	2.4	(0-20)	MCAWW 160.3 MOD	12/06-12/07/07	7340410

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040225 **Work Order #...:** KDH7H-SMP **Matrix.....:** SOLID
KDH7H-DUP
Date Sampled...: 12/04/07 09:00 **Date Received..:** 12/05/07
% Moisture.....: 3.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L050392-001		
	96.4	96.6	%	0.21	(0-20)	MCAWW 160.3 MOD	12/06-12/07/07	7340410

Dilution Factor: 1

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021

Lot #: A7L040208

Paul Wiseman (PM)

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CASE NARRATIVE

CASE NARRATIVE

A7L040208

The following report contains the analytical results for four solid samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM Validation SSOW# E111021 Site, project number 17322. The samples were received December 04, 2007, according to documented sample acceptance procedures. Select samples were taken off hold on December 18, 2007. All holding times were expired with the exception of metals when the samples were taken off hold.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

Any reference within this document to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.)

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

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.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 0.7 and 1.3°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) SO-17322-120307-CB-094, SO-17322-120307-CB-098, and SO-17322-120307-CB-099 were originally logged in as archived samples. These samples were taken out of archive and assigned for analysis. This was done after the samples were outside of the method's holding time. These samples were analyzed beyond the expiration date at the request of the client.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES (continued)

The matrix spike/matrix spike duplicate(s) for SO-17322-120307-CB-095 and SO-17322-120307-CB-098 had RPD's outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 7351326 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Batch(es) 7362058 had recoveries and/or RPD's out high in the LCS. Since there were no hits detected in any of the associated samples for 1,4-Dichlorobenzene, no corrective action was necessary.

Three (3) surrogate recoveries were out in sample(s) SO-17322-120307-CB-095. Reextraction and/or reanalysis performed in accordance with exceeded criteria corrective action required by QAPjP. Reextraction and/or reanalysis resulted in all surrogate recoveries within QC limits, but the reextraction was performed outside of the recommended holding time. Both sets of data have been reported.

Sample(s) SO-17322-120307-CB-094, SO-17322-120307-CB-098, and SO-17322-120307-CB-099 were originally logged in as archived samples. These samples were taken out of archive and assigned for analysis. This was done after the samples were outside of the method's holding time. These samples were analyzed beyond the expiration date at the request of the client.

POLYCHLORINATED BIPHENYLS-8082

Sample(s) SO-17322-120307-CB-094, SO-17322-120307-CB-098, and SO-17322-120307-CB-099 were originally logged in as archived samples. These samples were taken out of archive and assigned for analysis. This was done after the samples were outside of the method's holding time. These samples were analyzed beyond the expiration date at the request of the client.

CASE NARRATIVE (continued)

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for SO-17322-120307-CB-094 and SO-17322-120307-CB-095 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".
The matrix spike/matrix spike duplicate(s) for SO-17322-120307-CB-094 and SO-17322-120307-CB-095 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

No ICP Trace Form IX was provided for batch(es) 7351042. The serial dilution was performed on a different sample from the same QC batch(es).

Some reporting limits are lower than our standard reporting limit (SRL) but are supported by the laboratory's MDL and/or IDLs; however, there are no standards in the calibration curve low enough to support these value(s). The continuing calibration blanks and method blanks may not support the lower RL.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Sample(s) SO-17322-120307-CB-094, SO-17322-120307-CB-098, and SO-17322-120307-CB-099 were originally logged in as archived samples. These samples were taken out of archive and assigned for analysis. This was done after the samples were outside of the method’s holding time. These samples were analyzed beyond the expiration date at the request of the client.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A7L040208

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-094 12/03/07 08:55 003				
Aroclor 1248	340	37	ug/kg	SW846 8082
Trivalent Chromium	33.1	0.45	mg/kg	SW846 7196A
Silver	0.18	0.089	mg/kg	SW846 6020
Arsenic	3.5	0.089	mg/kg	SW846 6020
Antimony	0.13 B	0.18	mg/kg	SW846 6020
Selenium	0.24	0.19	mg/kg	SW846 6020
Thallium	0.10	0.089	mg/kg	SW846 6020
Zinc	38.9 J	0.89	mg/kg	SW846 6020
Mercury	0.027 B	0.045	mg/kg	SW846 7471A
Aluminum	10600	17.9	mg/kg	SW846 6010B
Barium	130 J	0.89	mg/kg	SW846 6010B
Beryllium	1.1	0.18	mg/kg	SW846 6010B
Calcium	131000 J	2230	mg/kg	SW846 6010B
Cadmium	0.32	0.089	mg/kg	SW846 6010B
Cobalt	4.8	0.45	mg/kg	SW846 6010B
Chromium	33.8	0.45	mg/kg	SW846 6010B
Copper	19.0	0.89	mg/kg	SW846 6010B
Iron	11100	8.9	mg/kg	SW846 6010B
Potassium	1380	447	mg/kg	SW846 6010B
Magnesium	24400 J	89.3	mg/kg	SW846 6010B
Manganese	921 J	0.89	mg/kg	SW846 6010B
Sodium	640 J	89.3	mg/kg	SW846 6010B
Nickel	10.4	0.89	mg/kg	SW846 6010B
Lead	19.4	0.27	mg/kg	SW846 6010B
Vanadium	24.5	0.89	mg/kg	SW846 6010B
Acenaphthene	100	15	ug/kg	SW846 8270C
Acenaphthylene	25	15	ug/kg	SW846 8270C
Anthracene	230	15	ug/kg	SW846 8270C
Benzo(a)anthracene	490	15	ug/kg	SW846 8270C
Benzo(a)pyrene	430	15	ug/kg	SW846 8270C
Benzo(b)fluoranthene	610	15	ug/kg	SW846 8270C
Benzo(ghi)perylene	320	15	ug/kg	SW846 8270C
Benzo(k)fluoranthene	240	15	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	61 J	110	ug/kg	SW846 8270C
Carbazole	93 J	110	ug/kg	SW846 8270C
Chrysene	550	15	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	96	15	ug/kg	SW846 8270C
Dibenzofuran	82 J	110	ug/kg	SW846 8270C
Fluoranthene	1400	15	ug/kg	SW846 8270C
Fluorene	60	15	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	270	15	ug/kg	SW846 8270C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040208

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-094 12/03/07 08:55 003				
2-Methylnaphthalene	69	15	ug/kg	SW846 8270C
Naphthalene	64	15	ug/kg	SW846 8270C
Phenanthrene	910	15	ug/kg	SW846 8270C
Pyrene	1100	15	ug/kg	SW846 8270C
Acetone	55	20	ug/kg	SW846 8260B
Benzene	0.62 J	4.9	ug/kg	SW846 8260B
Cyclohexane	1.1 J	9.8	ug/kg	SW846 8260B
Ethylbenzene	3.2 J	4.9	ug/kg	SW846 8260B
Isopropylbenzene	0.91 J	4.9	ug/kg	SW846 8260B
Methylcyclohexane	1.7 J	9.8	ug/kg	SW846 8260B
Toluene	2.6 J	4.9	ug/kg	SW846 8260B
Trichloroethene	1.1 J	4.9	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	4.2 J	4.9	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	3.2 J,B	4.9	ug/kg	SW846 8260B
Xylenes (total)	19	9.8	ug/kg	SW846 8260B
Hexavalent Chromium	0.73 B	0.89	mg/kg	SW846 7196A
Cyanide, Total	0.64	0.22	mg/kg	SW846 9012A
Percent Solids	89.6	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-095 12/03/07 09:05 004				
Trivalent Chromium	15.3	0.46	mg/kg	SW846 7196A
Silver	0.074 B	0.092	mg/kg	SW846 6020
Arsenic	3.2	0.092	mg/kg	SW846 6020
Antimony	0.081 B	0.18	mg/kg	SW846 6020
Thallium	0.20	0.092	mg/kg	SW846 6020
Zinc	35.9	0.92	mg/kg	SW846 6020
Aluminum	8520	18.3	mg/kg	SW846 6010B
Barium	43.4 J	0.92	mg/kg	SW846 6010B
Beryllium	0.15 B	0.18	mg/kg	SW846 6010B
Calcium	85000	2290	mg/kg	SW846 6010B
Cadmium	0.12	0.092	mg/kg	SW846 6010B
Cobalt	7.5	0.46	mg/kg	SW846 6010B
Chromium	15.3	0.46	mg/kg	SW846 6010B
Copper	15.3	0.92	mg/kg	SW846 6010B
Iron	16400	9.2	mg/kg	SW846 6010B
Potassium	1950	459	mg/kg	SW846 6010B
Magnesium	14500 J	91.7	mg/kg	SW846 6010B
Manganese	352 J	0.92	mg/kg	SW846 6010B
Sodium	1210	91.7	mg/kg	SW846 6010B
Nickel	19.0	0.92	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-095 12/03/07 09:05 004				
Lead	6.3	0.28	mg/kg	SW846 6010B
Vanadium	18.7	0.92	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	21 J	57	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	40 J,B	57	ug/kg	SW846 8270C
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-098 12/03/07 10:40 005				
Trivalent Chromium	13.4	0.45	mg/kg	SW846 7196A
Silver	0.096	0.091	mg/kg	SW846 6020
Arsenic	5.3	0.091	mg/kg	SW846 6020
Antimony	0.087 B	0.18	mg/kg	SW846 6020
Thallium	0.24	0.091	mg/kg	SW846 6020
Zinc	38.6 J	0.91	mg/kg	SW846 6020
Aluminum	8320	18.1	mg/kg	SW846 6010B
Barium	54.9 J	0.91	mg/kg	SW846 6010B
Beryllium	0.19	0.18	mg/kg	SW846 6010B
Calcium	80500 J	2270	mg/kg	SW846 6010B
Cadmium	0.29	0.091	mg/kg	SW846 6010B
Cobalt	7.5	0.45	mg/kg	SW846 6010B
Chromium	15.2	0.45	mg/kg	SW846 6010B
Copper	15.8	0.91	mg/kg	SW846 6010B
Iron	19200	9.1	mg/kg	SW846 6010B
Potassium	1760	454	mg/kg	SW846 6010B
Magnesium	14700 J	90.7	mg/kg	SW846 6010B
Manganese	382 J	0.91	mg/kg	SW846 6010B
Sodium	1210 J	90.7	mg/kg	SW846 6010B
Nickel	21.6	0.91	mg/kg	SW846 6010B
Lead	6.7	0.27	mg/kg	SW846 6010B
Vanadium	21.1	0.91	mg/kg	SW846 6010B
Hexavalent Chromium	1.8	0.91	mg/kg	SW846 7196A
Percent Solids	88.2	10.0	%	MCAWW 160.3 MOD
SO-17322-120307-CB-099 12/03/07 10:45 006				
Trivalent Chromium	11.1	0.45	mg/kg	SW846 7196A
Silver	0.099	0.091	mg/kg	SW846 6020
Arsenic	6.5	0.091	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L040208

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120307-CB-099 12/03/07 10:45 006				
Antimony	0.079 B	0.18	mg/kg	SW846 6020
Thallium	0.17	0.091	mg/kg	SW846 6020
Zinc	33.6 J	0.91	mg/kg	SW846 6020
Aluminum	7230	18.2	mg/kg	SW846 6010B
Barium	34.9 J	0.91	mg/kg	SW846 6010B
Beryllium	0.17 B	0.18	mg/kg	SW846 6010B
Calcium	77200 J	2270	mg/kg	SW846 6010B
Cadmium	0.22	0.091	mg/kg	SW846 6010B
Cobalt	6.1	0.45	mg/kg	SW846 6010B
Chromium	11.9	0.45	mg/kg	SW846 6010B
Copper	13.1	0.91	mg/kg	SW846 6010B
Iron	16100	9.1	mg/kg	SW846 6010B
Potassium	1450	455	mg/kg	SW846 6010B
Magnesium	18200 J	91.0	mg/kg	SW846 6010B
Manganese	268 J	0.91	mg/kg	SW846 6010B
Sodium	625 J	91.0	mg/kg	SW846 6010B
Nickel	17.3	0.91	mg/kg	SW846 6010B
Lead	6.8	0.27	mg/kg	SW846 6010B
Vanadium	15.9	0.91	mg/kg	SW846 6010B
Hexavalent Chromium	0.83 B	0.91	mg/kg	SW846 7196A
Percent Solids	87.9	10.0	%	MCAWW 160.3 MOD

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A7L040208

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

A7L040208

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDD37	003	SO-17322-120307-CB-094	12/03/07	08:55
KDD38	004	SO-17322-120307-CB-095	12/03/07	09:05
KDD4A	005	SO-17322-120307-CB-098	12/03/07	10:40
KDD4C	006	SO-17322-120307-CB-099	12/03/07	10:45

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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ID # N° 08437

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd, Suite 300, Plymouth, MI, 48170	Copy To: Terry Layman / CRA
	Invoice To: Darla Stewart / CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: on-hold
QA/QC Requirements: Standard	

Analysis and Method

Preservative

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	Methanol	H2SO4	HNO3	NaOH	Other: organic free water	FCL VOCs	HOLD	Remarks/Lab ID
1. SO-17322-120307-CB-092	SO	12/3/07	815	3		1				2	X	X	
2. -093	SO		830	3		1				2	X	X	
3. -094	SO		855	3		1				2	X	X	
4. -095	SO		905	3		1				2	X	X	
5. -098	SO		1040	3		1				2	X	X	
6. -099	SO		1045	3		1				2	X	X	
7. -101	SO		1225	3		1				2	X	X	
8. -103	SO		1405	3		1				2	X	X	
9. -104	SO		1445	3		1				2	X	X	
10. -107	SO		1540	3		1				2	X	X	
11.													
12.													
13.													
14.													
15.													
TOTAL NUMBER OF CONTAINERS				30									

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	12/3/07	1800		12-4-07	0945
AIRBILL NO. 8632 0249 8483							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 12/3/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

TestAmerica North Canton

BLAISE BLASTOS DECEMBER 18, 2007 REVISED COC.

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 3 OF 4

ID # Nº 08437

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Layman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: on-hold
QA/QC Requirements: Standard	

A7L040208

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: Methanol	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: organic free water	Analysis and Method: TCL VOCs	Analysis and Method: HOLD	Analysis and Method: OFF-HOLD	Remarks/Lab ID
1. SO-17322-120307-CB-092	SO	12/3/07	815	3		1				2	X	X		
2. -093	SO		830	3		1				2	X	X		
3. -094	SO		855	3		1				2	X	X	X	CB-094
4. -095	SO		905	3		1				2	X	X	X	-095
5. -098	SO		1040	3		1				2	X	X	X	-098
6. -099	SO		1045	3		1				2	X	X	X	-099
7. -101	SO		1225	3		1				2	X	X		
8. -103	SO		1405	3		1				2	X	X		TAKE OFF HOLD
9. -104	SO		1445	3		1				2	X	X		ANALYZE ALL
10. -107	SO		1540	3		1				2	X	X		PARAMETERS
11.														
12.														BLAISE
13.														12.18.07.
14.														
15.														
TOTAL NUMBER OF CONTAINERS				30										

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy/CRA	12/3/07	1860		12-4-07	0945
AIRBILL NO. 8632 0249 8483							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 12/3/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 0 (6-04)

TestAmerica North Canton

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BLAISE BLASTOS DECEMBER 13, 2007 REVISED COC

GM REALM
QNCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 3 OF 4

ID # N° 08437

SSOW Ref. Code: E111021

A7L040208

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd, Suite 300, Plymouth, MI, 48170	Copy To: Terry Layman / CRA
	Invoice To: Darla Stewart / CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date: —	TAT: on-hold
QA/QC Requirements: Standard	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: MeOH	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: aggregate	TCL VOCs	HOLD	Remarks/Lab ID
1.	SO-17322-120307-CB-092	SO	12/3/07	815	3		1				2	X	X	
2.	-093	SO		830	3		1				2	X	X	
3.	-094	SO		855	3		1				2	X	X	
4.	-095	SO		905	3		1				2	X	X	ANALYZE
5.	-098	SO		1040	3		1				2	X	X	CB-095
6.	-099	SO		1045	3		1				2	X	X	STANDARD TAT
7.	-101	SO		1225	3		1				2	X	X	
8.	-103	SO		1405	3		1				2	X	X	
9.	-104	SO		1445	3		1				2	X	X	
10.	-107	SO		1540	3		1				2	X	X	
11.														
12.														
13.														
14.														
15.														
	TOTAL NUMBER OF CONTAINERS				30									

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	12/3/07	1800		12-4-07	0945
AIRBILL NO. 8632 0249 8483							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 12/3/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

BLAISE BLASTOS DECEMBER 13, 2007 REVISED COC

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 4 OF 4

ID # NC 0849

SSOW Ref. Code: E111021

Required Client Information:

Company:	CRA	Report To:	Paul Wiseman/CRA
Address:	14496 Sheldon Rd Suite 200, Plymouth, MI, 48170	Copy To:	Jerry Gayman/CRA
		Invoice To:	Darla Stewart/CRA
		P.O.:	
Phone:	(734) 453-5123	Project Name:	GM Validon
Fax:	(734) 453-5201	Project Number:	17322
E-mail:	pwiseman@craworld.com		

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heikster
Requested Due Date:	TAT: on-hold
QA/QC Requirements:	see below

A7L040208.

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL SVOC	TCL BCB	Sulfide/specific TBL-Methods	total cyanide	hexavalent chromium	trivalent chromium	fractionated lead	HOLD	Remarks/Lab ID
1.	SO-17322-120307-CB-092	SO	12/3/07	815	1	X						X	X	X	X	X	X	X	X	
2.	-093	SO		830	1	X						X	X	X	X	X	X	X	X	
3.	-094	SO		855	1	X						X	X	X	X	X	X	X	X	
4.	-095	SO		905	1	X						X	X	X	X	X	X	X	X	ANALYZE CB-095
5.	-098	SO		1040	1	X						X	X	X	X	X	X	X	X	STANDARD TAT.
6.	-099	SO		1045	1	X						X	X	X	X	X	X	X	X	
7.	-101	SO		1225	1	X						X	X	X	X	X	X	X	X	
8.	-103	SO		1405	1	X						X	X	X	X	X	X	X	X	
9.	-104	SO		1445	1	X						X	X	X	X	X	X	X	X	
10.	-107	SO		1540	1	X						X	X	X	X	X	X	X	X	
11.																				
12.																				
13.																				
14.																				
15.																				
	TOTAL NUMBER OF CONTAINERS				10															

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Connie Bondy / CRA	12/3/07	1900		12-4-07	0945
AIRBILL NO. 8632 0249 8483							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Connie Bondy

Sampler Signature: C Bondy Date: 12/3/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 9/16/04

TestAmerica North Canton

BLAISE BLASTOS DECEMBER 18, 2007 REVISED COC.

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 4 OF 4

ID # No 0849

SSOW Ref. Code: E111021

Required Client Information:

Company:	CRA	Report To:	Paul Wiseman/CRA
Address:	14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To:	Terry Gawman/CRA
		Invoice To:	Darla Stewart/CRA
		P.O.:	
Phone:	(734) 453-5123	Project Name:	GM Validon
Fax:	(734) 453-5201	Project Number:	17322
E-mail:	pwiseman@craworld.com		

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	——— TAT: on-hold
QA/QC Requirements:	see below

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

A7L040208

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL SVOC	TCL PCB	Sulfide, reactive	Total cyanide	Hexavalent chromium	Trivalent chromium	Dissolved lead	HOLD		OFF HOLD	Remarks/Lab ID
1. SO-17322-120307-CB-092	SO	12/3/07	815	1	X						X	X	X	X	X	X	X	X			
2. -093	SO		830	1	X						X	X	X	X	X	X	X	X			
3. -094	SO		855	1	X						X	X	X	X	X	X	X	X		X	CB-094
4. -095	SO		905	1	X						X	X	X	X	X	X	X	X		X	-095
5. -098	SO		1040	1	X						X	X	X	X	X	X	X	X		X	-098
6. -099	SO		1045	1	X						X	X	X	X	X	X	X	X		X	-099
7. -101	SO		1225	1	X						X	X	X	X	X	X	X	X			
8. -103	SO		1405	1	X						X	X	X	X	X	X	X	X			TAKE OFF HOLD
9. -104	SO		1445	1	X						X	X	X	X	X	X	X	X			ANALYZE ALL
10. -107	SO		1540	1	X						X	X	X	X	X	X	X	X			PARAMETERS
11.																					
12.																					BLAISE
13.																					12.18.07
14.																					
15.																					
TOTAL NUMBER OF CONTAINERS				10																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy /CRA	12/3/07	1900		12-4-07	0945
AIRBILL NO. 8632 0249 8493							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 12/3/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 4 OF 4

ID # № 08419

SSOW Ref. Code: E111021

Required Client Information:

Company:	CRA	Report To:	Paul Wiseman/CRA
Address:	14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To:	Jerry Gayman/CRA
		Invoice To:	Darla Stewart/CRA
		P.O.:	
Phone:	(734)453-5123	Project Name:	GM Validon
Fax:	(734)453-5201	Project Number:	17322
E-mail:	pwiseman@craworld.com		

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	——— TAT: on-hold
QA/QC Requirements:	see below

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL SVOC	TCL PCB	Site specific TAL-Metals	total cyanide	hexavalent chromium	trivalent chromium	fractionated lead	HOLD					Remarks/Lab ID
1.	SO-17322-120307-CB-092	SO	12/3/07	815	1	X						X	X	X	X	X	X	X	X					
2.	-093	SO		830	1	X						X	X	X	X	X	X	X	X					
3.	-094	SO		855	1	X						X	X	X	X	X	X	X	X					
4.	-095	SO		905	1	X						X	X	X	X	X	X	X	X					
5.	-098	SO		1040	1	X						X	X	X	X	X	X	X	X					
6.	-099	SO		1045	1	X						X	X	X	X	X	X	X	X					
7.	-101	SO		1225	1	X						X	X	X	X	X	X	X	X					
8.	-103	SO		1405	1	X						X	X	X	X	X	X	X	X					
9.	-104	SO		1445	1	X						X	X	X	X	X	X	X	X					
10.	-107	SO		1540	1	X						X	X	X	X	X	X	X	X					
11.																								
12.																								
13.																								
14.																								
15.																								
	TOTAL NUMBER OF CONTAINERS				10																			

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Connie Bondy /CRA	12/3/07	1800		12-4-07	0945
AIRBILL NO.	8632 0249 8493						

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Connie Bondy

Sampler Signature: C Bondy

Date: 12/3/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: A7040208

Client CRA Project _____ Quote # 77171

Cooler Received on 12-4-07 Opened on 12-4-07 By _____ (Signature)

FedEx ☑ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐

Stetson ☐ US Cargo ☐ Other _____

TestAmerica Cooler # _____ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? Yes ☑ ~~No ☑~~ NS 12-4 Intact? Yes ☑ No ☐ ~~NA ☑~~
   If YES, Quantity 1
   Were custody seals on the outside of cooler signed and dated? Yes ☑ No ☐ ~~NA ☑~~ NS 12-4
   Were custody seals on the bottles? Yes ☐ No ☑
   If YES, are there any exceptions _____
2. Shipper's packing slip attached to this form? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ ~~Foam ☐~~ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temps)

METHOD: IR ☑ Other ☐ _____

COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☑ No ☐
9. Were samples at the correct pH upon receipt? Yes ☐ No ☐ NA ☑
10. Were correct bottles used for the tests indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? NS 12-4 Yes ☑ No ☐
13. Was a Trip Blank present in the cooler? Yes ☑ ~~No ☑~~ Were VOAs on the COC? Yes ☐ No ☑

Contacted PM _____ Date _____ by _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*

What time was preserved added to sample(s)? _____

Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant
241-341	0.7	IR	ice
2 366	1.3.	2	2

Discrepancies Cont'd

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

GC/MS Volatiles

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD371AC **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 0.88 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**55**	**20**	**ug/kg**	**6.2**
Benzene	**0.62 J**	**4.9**	**ug/kg**	**0.23**
Bromodichloromethane	ND	4.9	ug/kg	0.28
Bromoform	ND	4.9	ug/kg	0.32
Bromomethane	ND	4.9	ug/kg	0.53
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	4.9	ug/kg	0.43
Carbon tetrachloride	ND	4.9	ug/kg	0.36
Chlorobenzene	ND	4.9	ug/kg	0.32
Dibromochloromethane	ND	4.9	ug/kg	0.54
1,2-Dibromo-3-chloro-propane	ND	9.8	ug/kg	1.3
Chloroethane	ND	4.9	ug/kg	0.84
Chloroform	ND	4.9	ug/kg	0.28
Chloromethane	ND	4.9	ug/kg	0.40
Cyclohexane	**1.1 J**	**9.8**	**ug/kg**	**0.32**
1,2-Dibromoethane	ND	4.9	ug/kg	0.49
1,2-Dichlorobenzene	ND	4.9	ug/kg	0.35
1,3-Dichlorobenzene	ND	4.9	ug/kg	0.34
1,4-Dichlorobenzene	ND	4.9	ug/kg	0.65
Dichlorodifluoromethane	ND	4.9	ug/kg	0.49
1,1-Dichloroethane	ND	4.9	ug/kg	0.35
1,2-Dichloroethane	ND	4.9	ug/kg	0.33
1,1-Dichloroethene	ND	4.9	ug/kg	0.51
cis-1,2-Dichloroethene	ND	4.9	ug/kg	0.35
trans-1,2-Dichloroethene	ND	4.9	ug/kg	0.40
1,2-Dichloropropane	ND	4.9	ug/kg	0.68
cis-1,3-Dichloropropene	ND	4.9	ug/kg	0.33
trans-1,3-Dichloropropene	ND	4.9	ug/kg	0.53
Ethylbenzene	**3.2 J**	**4.9**	**ug/kg**	**0.26**
Trichlorofluoromethane	ND	4.9	ug/kg	0.33
2-Hexanone	ND	20	ug/kg	0.62
Isopropylbenzene	**0.91 J**	**4.9**	**ug/kg**	**0.16**
Methyl acetate	ND	9.8	ug/kg	1.4
Methylcyclohexane	**1.7 J**	**9.8**	**ug/kg**	**0.30**
Methylene chloride	ND	4.9	ug/kg	0.66
4-Methyl-2-pentanone	ND	20	ug/kg	0.53
Styrene	ND	4.9	ug/kg	0.15

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

GC/MS Volatiles

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD371AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.9	ug/kg	0.33
Tetrachloroethene	ND	4.9	ug/kg	0.51
Toluene	**2.6 J**	**4.9**	**ug/kg**	**0.27**
1,2,4-Trichloro-benzene	ND	4.9	ug/kg	0.27
1,1,1-Trichloroethane	ND	4.9	ug/kg	0.55
1,1,2-Trichloroethane	ND	4.9	ug/kg	0.38
Trichloroethene	**1.1 J**	**4.9**	**ug/kg**	**0.41**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.9	ug/kg	1.3
1,2,4-Trimethylbenzene	**4.2 J**	**4.9**	**ug/kg**	**0.64**
1,3,5-Trimethylbenzene	**3.2 J,B**	**4.9**	**ug/kg**	**0.25**
Vinyl chloride	ND	4.9	ug/kg	0.38
Xylenes (total)	**19**	**9.8**	**ug/kg**	**0.66**
Methyl tert-butyl ether	ND	20	ug/kg	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	68	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	79	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Volatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD381AC **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
Prep Date.....: 12/14/07 **Analysis Date..:** 12/14/07
Prep Batch #...: 7351423
Dilution Factor: 1 **Initial Wgt/Vol:** 11.7 g **Final Wgt/Vol..:** 11.7 mL
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	460	ug/kg	110
Benzene	ND	46	ug/kg	7.3
Bromodichloromethane	ND	46	ug/kg	14
Bromoform	ND	92	ug/kg	15
Bromomethane	ND	92	ug/kg	29
2-Butanone	ND	460	ug/kg	56
Carbon disulfide	ND	46	ug/kg	23
Carbon tetrachloride	ND	46	ug/kg	14
Chlorobenzene	ND	46	ug/kg	7.2
Dibromochloromethane	ND	46	ug/kg	7.9
1,2-Dibromo-3-chloro-propane	ND	92	ug/kg	69
Chloroethane	ND	92	ug/kg	75
Chloroform	ND	46	ug/kg	14
Chloromethane	ND	92	ug/kg	6.0
Cyclohexane	ND	92	ug/kg	8.8
1,2-Dibromoethane	ND	46	ug/kg	11
1,2-Dichlorobenzene	ND	46	ug/kg	19
1,3-Dichlorobenzene	ND	46	ug/kg	8.3
1,4-Dichlorobenzene	ND	46	ug/kg	9.1
Dichlorodifluoromethane	ND	92	ug/kg	6.2
1,1-Dichloroethane	ND	46	ug/kg	8.4
1,2-Dichloroethane	ND	46	ug/kg	11
1,1-Dichloroethene	ND	46	ug/kg	9.5
cis-1,2-Dichloroethene	ND	46	ug/kg	16
trans-1,2-Dichloroethene	ND	46	ug/kg	13
1,2-Dichloropropane	ND	46	ug/kg	8.5
cis-1,3-Dichloropropene	ND	46	ug/kg	6.3
trans-1,3-Dichloropropene	ND	46	ug/kg	6.2
Ethylbenzene	ND	46	ug/kg	7.8
Trichlorofluoromethane	ND	92	ug/kg	9.5
2-Hexanone	ND	460	ug/kg	28
Isopropylbenzene	ND	46	ug/kg	5.8
Methyl acetate	ND	92	ug/kg	60
Methylcyclohexane	ND	92	ug/kg	6.5
Methylene chloride	ND	180	ug/kg	110
4-Methyl-2-pentanone	ND	460	ug/kg	13
Styrene	ND	46	ug/kg	32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Volatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD381AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	46	ug/kg	9.4
Tetrachloroethene	ND	46	ug/kg	10
Toluene	ND	46	ug/kg	10
1,2,4-Trichloro-benzene	ND	46	ug/kg	14
1,1,1-Trichloroethane	ND	46	ug/kg	11
1,1,2-Trichloroethane	ND	46	ug/kg	11
Trichloroethene	ND	46	ug/kg	14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	92	ug/kg	11
1,2,4-Trimethylbenzene	ND	46	ug/kg	30
1,3,5-Trimethylbenzene	ND	46	ug/kg	29
Vinyl chloride	ND	37	ug/kg	18
Xylenes (total)	ND	92	ug/kg	17
Methyl tert-butyl ether	ND	180	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
Toluene-d8	97	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

GC/MS Volatiles

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A1AN **Matrix.....:** SO
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 0.71 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.1
Benzene	ND	4.0	ug/kg	0.19
Bromodichloromethane	ND	4.0	ug/kg	0.23
Bromoform	ND	4.0	ug/kg	0.27
Bromomethane	ND	4.0	ug/kg	0.43
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.0	ug/kg	0.35
Carbon tetrachloride	ND	4.0	ug/kg	0.30
Chlorobenzene	ND	4.0	ug/kg	0.27
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.0
Chloroethane	ND	4.0	ug/kg	0.69
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.33
Cyclohexane	ND	8.1	ug/kg	0.27
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.53
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.29
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.33
1,2-Dichloropropane	ND	4.0	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.43
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	ND	8.1	ug/kg	0.25
Methylene chloride	ND	4.0	ug/kg	0.54
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

GC/MS Volatiles

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.42
Toluene	ND	4.0	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.31
Trichloroethene	ND	4.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.52
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.31
Xylenes (total)	ND	8.1	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

GC/MS Volatiles

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C1AN **Matrix.....:** SO
Date Sampled...: 12/03/07 10:45 **Date Received..:** 12/04/07
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 0.71 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.1
Benzene	ND	4.0	ug/kg	0.19
Bromodichloromethane	ND	4.0	ug/kg	0.23
Bromoform	ND	4.0	ug/kg	0.27
Bromomethane	ND	4.0	ug/kg	0.44
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.0	ug/kg	0.36
Carbon tetrachloride	ND	4.0	ug/kg	0.30
Chlorobenzene	ND	4.0	ug/kg	0.27
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.0
Chloroethane	ND	4.0	ug/kg	0.69
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.33
Cyclohexane	ND	8.1	ug/kg	0.27
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.53
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.29
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.33
1,2-Dichloropropane	ND	4.0	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.44
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	ND	8.1	ug/kg	0.25
Methylene chloride	ND	4.0	ug/kg	0.54
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

GC/MS Volatiles

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.42
Toluene	ND	4.0	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.31
Trichloroethene	ND	4.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.52
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.31
Xylenes (total)	ND	8.1	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L170000-423

Prep Date.....: 12/13/07 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 12/14/07 **Prep Batch #...:** 7351423
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	400	ug/kg	SW846 8260B
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	40	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	80	ug/kg	SW846 8260B
2-Butanone	ND	400	ug/kg	SW846 8260B
Carbon disulfide	ND	40	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	80	ug/kg	SW846 8260B
Chloroethane	ND	80	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	80	ug/kg	SW846 8260B
Cyclohexane	ND	80	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	40	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	40	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	40	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	40	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
2-Hexanone	ND	400	ug/kg	SW846 8260B
Isopropylbenzene	ND	40	ug/kg	SW846 8260B
Methyl acetate	ND	80	ug/kg	SW846 8260B
Methylcyclohexane	ND	80	ug/kg	SW846 8260B
Methylene chloride	ND	160	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	400	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	40	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	40	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	80	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	40	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	40	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	80	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	160	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
Toluene-d8	101	(60 - 143)
4-Bromofluorobenzene	97	(47 - 158)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AA **Matrix.....:** SOLID
MB Lot-Sample #: A8A030000-201

Prep Date.....: 01/02/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 01/02/08 **Prep Batch #...:** 8003201
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.67 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	**0.67 J**	**5.0**	**ug/kg**	**SW846 8260B**
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	79	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-423 KEA471AD-LCSD
Prep Date.....: 12/13/07 **Analysis Date..:** 12/14/07
Prep Batch #...: 7351423
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	500	450	ug/kg	89		SW846 8260B
	500	430	ug/kg	85	4.8	SW846 8260B
Benzene	**500**	**490**	**ug/kg**	**97**		**SW846 8260B**
	500	**500**	**ug/kg**	**100**	**3.2**	**SW846 8260B**
Bromodichloromethane	500	440	ug/kg	88		SW846 8260B
	500	440	ug/kg	89	0.86	SW846 8260B
Bromoform	500	360	ug/kg	71		SW846 8260B
	500	350	ug/kg	70	2.2	SW846 8260B
Bromomethane	500	260	ug/kg	51		SW846 8260B
	500	220	ug/kg	44	14	SW846 8260B
2-Butanone	500	480	ug/kg	96		SW846 8260B
	500	540	ug/kg	107	11	SW846 8260B
Carbon disulfide	500	410	ug/kg	83		SW846 8260B
	500	370	ug/kg	75	10	SW846 8260B
Carbon tetrachloride	500	420	ug/kg	84		SW846 8260B
	500	420	ug/kg	85	0.82	SW846 8260B
Chlorobenzene	**500**	**490**	**ug/kg**	**98**		**SW846 8260B**
	500	**500**	**ug/kg**	**100**	**2.0**	**SW846 8260B**
Dibromochloromethane	500	400	ug/kg	79		SW846 8260B
	500	370	ug/kg	74	7.5	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	380	ug/kg	76		SW846 8260B
	500	360	ug/kg	72	5.0	SW846 8260B
Chloroethane	500	340	ug/kg	67		SW846 8260B
	500	300	ug/kg	60	11	SW846 8260B
Chloroform	500	480	ug/kg	97		SW846 8260B
	500	500	ug/kg	100	3.8	SW846 8260B
Chloromethane	500	390	ug/kg	78		SW846 8260B
	500	410	ug/kg	83	6.5	SW846 8260B
Cyclohexane	500	330	ug/kg	65		SW846 8260B
	500	360	ug/kg	72	10	SW846 8260B
1,2-Dibromoethane	500	470	ug/kg	95		SW846 8260B
	500	480	ug/kg	97	1.8	SW846 8260B
1,2-Dichlorobenzene	500	490	ug/kg	97		SW846 8260B
	500	480	ug/kg	97	0.51	SW846 8260B
1,3-Dichlorobenzene	500	480	ug/kg	97		SW846 8260B
	500	460	ug/kg	93	4.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-423 KEA471AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	500	490	ug/kg	97		SW846 8260B
	500	490	ug/kg	97	0.35	SW846 8260B
Dichlorodifluoromethane	500	270	ug/kg	53		SW846 8260B
	500	320	ug/kg	65	19	SW846 8260B
1,1-Dichloroethane	500	480	ug/kg	97		SW846 8260B
	500	490	ug/kg	98	1.6	SW846 8260B
1,2-Dichloroethane	500	490	ug/kg	98		SW846 8260B
	500	510	ug/kg	102	3.9	SW846 8260B
1,1-Dichloroethene	**500**	**440**	**ug/kg**	**88**		**SW846 8260B**
	500	**440**	**ug/kg**	**88**	**0.78**	**SW846 8260B**
cis-1,2-Dichloroethene	500	480	ug/kg	96		SW846 8260B
	500	470	ug/kg	94	1.8	SW846 8260B
trans-1,2-Dichloroethene	500	420	ug/kg	83		SW846 8260B
	500	440	ug/kg	88	6.1	SW846 8260B
1,2-Dichloropropane	500	470	ug/kg	94		SW846 8260B
	500	490	ug/kg	97	3.2	SW846 8260B
cis-1,3-Dichloropropene	500	380	ug/kg	76		SW846 8260B
	500	390	ug/kg	78	2.2	SW846 8260B
trans-1,3-Dichloropropene	500	360	ug/kg	73		SW846 8260B
	500	360	ug/kg	73	0.46	SW846 8260B
Ethylbenzene	500	470	ug/kg	94		SW846 8260B
	500	480	ug/kg	97	3.0	SW846 8260B
Trichlorofluoromethane	500	380	ug/kg	77		SW846 8260B
	500	350	ug/kg	71	8.1	SW846 8260B
2-Hexanone	500	430	ug/kg	86		SW846 8260B
	500	430	ug/kg	86	0.23	SW846 8260B
Isopropylbenzene	500	520	ug/kg	103		SW846 8260B
	500	530	ug/kg	106	2.7	SW846 8260B
Methyl acetate	500	540	ug/kg	109		SW846 8260B
	500	580	ug/kg	116	6.6	SW846 8260B
Methylcyclohexane	500	400	ug/kg	80		SW846 8260B
	500	420	ug/kg	85	6.1	SW846 8260B
Methylene chloride	500	620	ug/kg	124		SW846 8260B
	500	620	ug/kg	125	1.1	SW846 8260B
4-Methyl-2-pentanone	500	440	ug/kg	88		SW846 8260B
	500	470	ug/kg	93	5.3	SW846 8260B
Styrene	500	440	ug/kg	88		SW846 8260B
	500	450	ug/kg	91	2.8	SW846 8260B
1,1,2,2-Tetrachloroethane	500	460	ug/kg	92		SW846 8260B
	500	460	ug/kg	93	0.62	SW846 8260B
Tetrachloroethene	500	570	ug/kg	113		SW846 8260B
	500	570	ug/kg	114	0.75	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-423 KEA471AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**500**	**480**	**ug/kg**	**96**		**SW846 8260B**
	500	**490**	**ug/kg**	**99**	**2.5**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	470	ug/kg	94		SW846 8260B
	500	450	ug/kg	91	3.8	SW846 8260B
1,1,1-Trichloroethane	500	430	ug/kg	86		SW846 8260B
	500	440	ug/kg	88	3.1	SW846 8260B
1,1,2-Trichloroethane	500	500	ug/kg	100		SW846 8260B
	500	480	ug/kg	96	4.0	SW846 8260B
Trichloroethene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**540**	**ug/kg**	**108**	**6.1**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	500	330	ug/kg	66		SW846 8260B
	500	280	ug/kg	56	16	SW846 8260B
1,2,4-Trimethylbenzene	500	440	ug/kg	89		SW846 8260B
	500	440	ug/kg	88	0.49	SW846 8260B
1,3,5-Trimethylbenzene	500	450	ug/kg	90		SW846 8260B
	500	440	ug/kg	89	1.6	SW846 8260B
Vinyl chloride	500	350	ug/kg	70		SW846 8260B
	500	370	ug/kg	74	6.0	SW846 8260B
Xylenes (total)	1500	1400	ug/kg	96		SW846 8260B
	1500	1500	ug/kg	98	1.4	SW846 8260B
Methyl tert-butyl ether	500	470	ug/kg	95		SW846 8260B
	500	500	ug/kg	101	5.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
	101	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
	102	(61 - 130)
Toluene-d8	97	(60 - 143)
	101	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)
	99	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-423 KEA471AD-LCSD
Prep Date.....: 12/13/07 **Analysis Date..:** 12/14/07
Prep Batch #...: 7351423
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	89	(58 - 130)			SW846 8260B
	85	(58 - 130)	4.8	(0-30)	SW846 8260B
Benzene	**97**	**(75 - 129)**			**SW846 8260B**
	100	**(75 - 129)**	**3.2**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	88	(72 - 125)			SW846 8260B
	89	(72 - 125)	0.86	(0-30)	SW846 8260B
Bromoform	71	(43 - 149)			SW846 8260B
	70	(43 - 149)	2.2	(0-30)	SW846 8260B
Bromomethane	51	(24 - 152)			SW846 8260B
	44	(24 - 152)	14	(0-30)	SW846 8260B
2-Butanone	96	(27 - 200)			SW846 8260B
	107	(27 - 200)	11	(0-46)	SW846 8260B
Carbon disulfide	83	(50 - 137)			SW846 8260B
	75	(50 - 137)	10	(0-30)	SW846 8260B
Carbon tetrachloride	84	(57 - 137)			SW846 8260B
	85	(57 - 137)	0.82	(0-30)	SW846 8260B
Chlorobenzene	**98**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**2.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	79	(49 - 135)			SW846 8260B
	74	(49 - 135)	7.5	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	76	(50 - 150)			SW846 8260B
	72	(50 - 150)	5.0	(0-30)	SW846 8260B
Chloroethane	67	(31 - 144)			SW846 8260B
	60	(31 - 144)	11	(0-30)	SW846 8260B
Chloroform	97	(73 - 115)			SW846 8260B
	100	(73 - 115)	3.8	(0-30)	SW846 8260B
Chloromethane	78	(15 - 136)			SW846 8260B
	83	(15 - 136)	6.5	(0-30)	SW846 8260B
Cyclohexane	65	(50 - 150)			SW846 8260B
	72	(50 - 150)	10	(0-20)	SW846 8260B
1,2-Dibromoethane	95	(50 - 150)			SW846 8260B
	97	(50 - 150)	1.8	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.51	(0-30)	SW846 8260B
1,3-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	93	(50 - 150)	4.1	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-423 KEA471AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.35	(0-20)	SW846 8260B
Dichlorodifluoromethane	53	(50 - 150)			SW846 8260B
	65	(50 - 150)	19	(0-20)	SW846 8260B
1,1-Dichloroethane	97	(77 - 119)			SW846 8260B
	98	(77 - 119)	1.6	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(78 - 121)			SW846 8260B
	102	(78 - 121)	3.9	(0-30)	SW846 8260B
1,1-Dichloroethene	**88**	**(55 - 142)**			**SW846 8260B**
	88	**(55 - 142)**	**0.78**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	96	(77 - 114)			SW846 8260B
	94	(77 - 114)	1.8	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	83	(68 - 117)			SW846 8260B
	88	(68 - 117)	6.1	(0-30)	SW846 8260B
1,2-Dichloropropane	94	(78 - 116)			SW846 8260B
	97	(78 - 116)	3.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	76	(71 - 125)			SW846 8260B
	78	(71 - 125)	2.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	73	(67 - 125)			SW846 8260B
	73	(67 - 125)	0.46	(0-30)	SW846 8260B
Ethylbenzene	94	(79 - 114)			SW846 8260B
	97	(79 - 114)	3.0	(0-30)	SW846 8260B
Trichlorofluoromethane	77	(50 - 150)			SW846 8260B
	71	(50 - 150)	8.1	(0-20)	SW846 8260B
2-Hexanone	86	(29 - 200)			SW846 8260B
	86	(29 - 200)	0.23	(0-41)	SW846 8260B
Isopropylbenzene	103	(50 - 150)			SW846 8260B
	106	(50 - 150)	2.7	(0-20)	SW846 8260B
Methyl acetate	109	(50 - 150)			SW846 8260B
	116	(50 - 150)	6.6	(0-20)	SW846 8260B
Methylcyclohexane	80	(50 - 150)			SW846 8260B
	85	(50 - 150)	6.1	(0-20)	SW846 8260B
Methylene chloride	124	(58 - 130)			SW846 8260B
	125	(58 - 130)	1.1	(0-30)	SW846 8260B
4-Methyl-2-pentanone	88	(68 - 142)			SW846 8260B
	93	(68 - 142)	5.3	(0-60)	SW846 8260B
Styrene	88	(80 - 114)			SW846 8260B
	91	(80 - 114)	2.8	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(70 - 133)			SW846 8260B
	93	(70 - 133)	0.62	(0-30)	SW846 8260B
Tetrachloroethene	113	(72 - 120)			SW846 8260B
	114	(72 - 120)	0.75	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KEA471AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-423 KEA471AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**96**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**2.5**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	94	(50 - 150)			SW846 8260B
	91	(50 - 150)	3.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	86	(67 - 123)			SW846 8260B
	88	(67 - 123)	3.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	100	(82 - 116)			SW846 8260B
	96	(82 - 116)	4.0	(0-30)	SW846 8260B
Trichloroethene	**102**	**(70 - 131)**			**SW846 8260B**
	108	**(70 - 131)**	**6.1**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	66	(50 - 150)			SW846 8260B
	56	(50 - 150)	16	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.49	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	89	(70 - 130)	1.6	(0-30)	SW846 8260B
Vinyl chloride	70	(24 - 152)			SW846 8260B
	74	(24 - 152)	6.0	(0-30)	SW846 8260B
Xylenes (total)	96	(80 - 114)			SW846 8260B
	98	(80 - 114)	1.4	(0-30)	SW846 8260B
Methyl tert-butyl ether	95	(70 - 130)			SW846 8260B
	101	(70 - 130)	5.9	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
	101	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
	102	(61 - 130)
Toluene-d8	97	(60 - 143)
	101	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)
	99	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8A030000-201 KE1641AD-LCSD
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	57	ug/kg	115		SW846 8260B
	50	59	ug/kg	118	2.6	SW846 8260B
Benzene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**49**	**ug/kg**	**97**	**4.3**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	106		SW846 8260B
	50	50	ug/kg	101	4.6	SW846 8260B
Bromoform	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.4	SW846 8260B
Bromomethane	50	52	ug/kg	104		SW846 8260B
	50	53	ug/kg	105	1.2	SW846 8260B
2-Butanone	50	59	ug/kg	117		SW846 8260B
	50	57	ug/kg	113	3.3	SW846 8260B
Carbon disulfide	50	46	ug/kg	92		SW846 8260B
	50	44	ug/kg	89	3.2	SW846 8260B
Carbon tetrachloride	50	61	ug/kg	122		SW846 8260B
	50	59	ug/kg	117	3.6	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**5.4**	**SW846 8260B**
Dibromochloromethane	50	60	ug/kg	120		SW846 8260B
	50	57	ug/kg	115	4.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	109	1.9	SW846 8260B
Chloroethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.43	SW846 8260B
Chloroform	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	101	1.4	SW846 8260B
Chloromethane	50	42	ug/kg	83		SW846 8260B
	50	42	ug/kg	85	1.9	SW846 8260B
Cyclohexane	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	97	3.9	SW846 8260B
1,2-Dibromoethane	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	101	2.7	SW846 8260B
1,2-Dichlorobenzene	50	54	ug/kg	108		SW846 8260B
	50	51	ug/kg	101	6.0	SW846 8260B
1,3-Dichlorobenzene	50	54	ug/kg	108		SW846 8260B
	50	50	ug/kg	100	7.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8A030000-201 KE1641AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	48	ug/kg	97	7.2	SW846 8260B
Dichlorodifluoromethane	50	28	ug/kg	55		SW846 8260B
	50	26	ug/kg	53	4.6	SW846 8260B
1,1-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	96	3.9	SW846 8260B
1,2-Dichloroethane	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	98	3.7	SW846 8260B
1,1-Dichloroethene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**50**	**ug/kg**	**101**	**5.3**	**SW846 8260B**
cis-1,2-Dichloroethene	50	53	ug/kg	105		SW846 8260B
	50	50	ug/kg	100	4.7	SW846 8260B
trans-1,2-Dichloroethene	50	52	ug/kg	103		SW846 8260B
	50	49	ug/kg	98	5.3	SW846 8260B
1,2-Dichloropropane	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	104	4.2	SW846 8260B
cis-1,3-Dichloropropene	50	56	ug/kg	113		SW846 8260B
	50	54	ug/kg	109	3.6	SW846 8260B
trans-1,3-Dichloropropene	50	53	ug/kg	105		SW846 8260B
	50	51	ug/kg	102	3.1	SW846 8260B
Ethylbenzene	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	103	5.5	SW846 8260B
Trichlorofluoromethane	50	60	ug/kg	119		SW846 8260B
	50	58	ug/kg	117	2.1	SW846 8260B
2-Hexanone	50	53	ug/kg	106		SW846 8260B
	50	51	ug/kg	101	4.2	SW846 8260B
Isopropylbenzene	50	59	ug/kg	119		SW846 8260B
	50	56	ug/kg	113	5.3	SW846 8260B
Methyl acetate	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.4	SW846 8260B
Methylcyclohexane	50	45	ug/kg	91		SW846 8260B
	50	43	ug/kg	85	6.7	SW846 8260B
Methylene chloride	50	49	ug/kg	99		SW846 8260B
	50	47	ug/kg	93	5.6	SW846 8260B
4-Methyl-2-pentanone	50	58	ug/kg	117		SW846 8260B
	50	58	ug/kg	115	1.6	SW846 8260B
Styrene	50	47	ug/kg	95		SW846 8260B
	50	45	ug/kg	90	5.4	SW846 8260B
1,1,2,2-Tetrachloroethane	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	94	2.3	SW846 8260B
Tetrachloroethene	50	53	ug/kg	106		SW846 8260B
	50	50	ug/kg	101	5.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8A030000-201 KE1641AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**49**	**ug/kg**	**97**	**5.1**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	95	4.6	SW846 8260B
1,1,1-Trichloroethane	50	57	ug/kg	114		SW846 8260B
	50	55	ug/kg	110	3.6	SW846 8260B
1,1,2-Trichloroethane	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	96	3.9	SW846 8260B
Trichloroethene	**50**	**62**	**ug/kg**	**125**		**SW846 8260B**
	50	**60**	**ug/kg**	**121**	**3.4**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	65	ug/kg	131		SW846 8260B
	50	65	ug/kg	130	0.83	SW846 8260B
1,2,4-Trimethylbenzene	50	49	ug/kg	98		SW846 8260B
	50	45	ug/kg	91	7.5	SW846 8260B
1,3,5-Trimethylbenzene	50	50	ug/kg	101		SW846 8260B
	50	46	ug/kg	92	9.3	SW846 8260B
Vinyl chloride	50	43	ug/kg	86		SW846 8260B
	50	43	ug/kg	86	0.20	SW846 8260B
Xylenes (total)	150	160	ug/kg	110		SW846 8260B
	150	160	ug/kg	103	6.2	SW846 8260B
Methyl tert-butyl ether	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	2.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
	88	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
	85	(61 - 130)
Toluene-d8	91	(60 - 143)
	92	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8A030000-201 KE1641AD-LCSD
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	115	(58 - 130)			SW846 8260B
	118	(58 - 130)	2.6	(0-30)	SW846 8260B
Benzene	**102**	**(75 - 129)**			**SW846 8260B**
	97	**(75 - 129)**	**4.3**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	106	(72 - 125)			SW846 8260B
	101	(72 - 125)	4.6	(0-30)	SW846 8260B
Bromoform	103	(43 - 149)			SW846 8260B
	102	(43 - 149)	1.4	(0-30)	SW846 8260B
Bromomethane	104	(24 - 152)			SW846 8260B
	105	(24 - 152)	1.2	(0-30)	SW846 8260B
2-Butanone	117	(27 - 200)			SW846 8260B
	113	(27 - 200)	3.3	(0-46)	SW846 8260B
Carbon disulfide	92	(50 - 137)			SW846 8260B
	89	(50 - 137)	3.2	(0-30)	SW846 8260B
Carbon tetrachloride	122	(57 - 137)			SW846 8260B
	117	(57 - 137)	3.6	(0-30)	SW846 8260B
Chlorobenzene	**106**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**5.4**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	120	(49 - 135)			SW846 8260B
	115	(49 - 135)	4.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	111	(50 - 150)			SW846 8260B
	109	(50 - 150)	1.9	(0-30)	SW846 8260B
Chloroethane	103	(31 - 144)			SW846 8260B
	102	(31 - 144)	0.43	(0-30)	SW846 8260B
Chloroform	102	(73 - 115)			SW846 8260B
	101	(73 - 115)	1.4	(0-30)	SW846 8260B
Chloromethane	83	(15 - 136)			SW846 8260B
	85	(15 - 136)	1.9	(0-30)	SW846 8260B
Cyclohexane	101	(50 - 150)			SW846 8260B
	97	(50 - 150)	3.9	(0-20)	SW846 8260B
1,2-Dibromoethane	104	(50 - 150)			SW846 8260B
	101	(50 - 150)	2.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	108	(50 - 150)			SW846 8260B
	101	(50 - 150)	6.0	(0-30)	SW846 8260B
1,3-Dichlorobenzene	108	(50 - 150)			SW846 8260B
	100	(50 - 150)	7.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8A030000-201 KE1641AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	97	(50 - 150)	7.2	(0-20)	SW846 8260B
Dichlorodifluoromethane	55	(50 - 150)			SW846 8260B
	53	(50 - 150)	4.6	(0-20)	SW846 8260B
1,1-Dichloroethane	100	(77 - 119)			SW846 8260B
	96	(77 - 119)	3.9	(0-30)	SW846 8260B
1,2-Dichloroethane	102	(78 - 121)			SW846 8260B
	98	(78 - 121)	3.7	(0-30)	SW846 8260B
1,1-Dichloroethene	**106**	**(55 - 142)**			**SW846 8260B**
	101	**(55 - 142)**	**5.3**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	105	(77 - 114)			SW846 8260B
	100	(77 - 114)	4.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	103	(68 - 117)			SW846 8260B
	98	(68 - 117)	5.3	(0-30)	SW846 8260B
1,2-Dichloropropane	109	(78 - 116)			SW846 8260B
	104	(78 - 116)	4.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	113	(71 - 125)			SW846 8260B
	109	(71 - 125)	3.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	105	(67 - 125)			SW846 8260B
	102	(67 - 125)	3.1	(0-30)	SW846 8260B
Ethylbenzene	109	(79 - 114)			SW846 8260B
	103	(79 - 114)	5.5	(0-30)	SW846 8260B
Trichlorofluoromethane	119	(50 - 150)			SW846 8260B
	117	(50 - 150)	2.1	(0-20)	SW846 8260B
2-Hexanone	106	(29 - 200)			SW846 8260B
	101	(29 - 200)	4.2	(0-41)	SW846 8260B
Isopropylbenzene	119	(50 - 150)			SW846 8260B
	113	(50 - 150)	5.3	(0-20)	SW846 8260B
Methyl acetate	104	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.4	(0-20)	SW846 8260B
Methylcyclohexane	91	(50 - 150)			SW846 8260B
	85	(50 - 150)	6.7	(0-20)	SW846 8260B
Methylene chloride	99	(58 - 130)			SW846 8260B
	93	(58 - 130)	5.6	(0-30)	SW846 8260B
4-Methyl-2-pentanone	117	(68 - 142)			SW846 8260B
	115	(68 - 142)	1.6	(0-60)	SW846 8260B
Styrene	95	(80 - 114)			SW846 8260B
	90	(80 - 114)	5.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	97	(70 - 133)			SW846 8260B
	94	(70 - 133)	2.3	(0-30)	SW846 8260B
Tetrachloroethene	106	(72 - 120)			SW846 8260B
	101	(72 - 120)	5.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KE1641AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8A030000-201 KE1641AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**102**	**(71 - 130)**			**SW846 8260B**
	97	**(71 - 130)**	**5.1**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	100	(50 - 150)			SW846 8260B
	95	(50 - 150)	4.6	(0-20)	SW846 8260B
1,1,1-Trichloroethane	114	(67 - 123)			SW846 8260B
	110	(67 - 123)	3.6	(0-30)	SW846 8260B
1,1,2-Trichloroethane	100	(82 - 116)			SW846 8260B
	96	(82 - 116)	3.9	(0-30)	SW846 8260B
Trichloroethene	**125**	**(70 - 131)**			**SW846 8260B**
	121	**(70 - 131)**	**3.4**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	131	(50 - 150)			SW846 8260B
	130	(50 - 150)	0.83	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	98	(70 - 130)			SW846 8260B
	91	(70 - 130)	7.5	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	101	(70 - 130)			SW846 8260B
	92	(70 - 130)	9.3	(0-30)	SW846 8260B
Vinyl chloride	86	(24 - 152)			SW846 8260B
	86	(24 - 152)	0.20	(0-30)	SW846 8260B
Xylenes (total)	110	(80 - 114)			SW846 8260B
	103	(80 - 114)	6.2	(0-30)	SW846 8260B
Methyl tert-butyl ether	100	(70 - 130)			SW846 8260B
	98	(70 - 130)	2.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
	88	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
	85	(61 - 130)
Toluene-d8	91	(60 - 143)
	92	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KENFJ1A6-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L210260-008 KENFJ1A7-MSD
Date Sampled...: 12/20/07 15:10 **Date Received..:** 12/21/07
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 33

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	75	78	ug/kg	105		SW846 8260B
	ND	75	82	ug/kg	110	4.9	SW846 8260B
Benzene	**ND**	**75**	**78**	**ug/kg**	**104**		**SW846 8260B**
	ND	**75**	**78**	**ug/kg**	**105**	**0.51**	**SW846 8260B**
Bromodichloromethane	ND	75	75	ug/kg	101		SW846 8260B
	ND	75	74	ug/kg	99	1.4	SW846 8260B
Bromoform	ND	75	67	ug/kg	90		SW846 8260B
	ND	75	66	ug/kg	88	2.4	SW846 8260B
Bromomethane	ND	75	73	ug/kg	97		SW846 8260B
	ND	75	72	ug/kg	97	0.20	SW846 8260B
2-Butanone	ND	75	73	ug/kg	97		SW846 8260B
	ND	75	75	ug/kg	101	3.4	SW846 8260B
Carbon disulfide	ND	75	66	ug/kg	89		SW846 8260B
	ND	75	66	ug/kg	88	0.17	SW846 8260B
Carbon tetrachloride	ND	75	94	ug/kg	126		SW846 8260B
	ND	75	91	ug/kg	122	3.0	SW846 8260B
Chlorobenzene	**ND**	**75**	**79**	**ug/kg**	**106**		**SW846 8260B**
	ND	**75**	**80**	**ug/kg**	**107**	**0.73**	**SW846 8260B**
Dibromochloromethane	ND	75	86	ug/kg	115		SW846 8260B
	ND	75	85	ug/kg	113	1.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	75	84	ug/kg	113		SW846 8260B
	ND	75	94	ug/kg	126	11	SW846 8260B
Chloroethane	ND	75	74	ug/kg	100		SW846 8260B
	ND	75	76	ug/kg	102	2.3	SW846 8260B
Chloroform	ND	75	80	ug/kg	108		SW846 8260B
	ND	75	82	ug/kg	109	1.4	SW846 8260B
Chloromethane	ND	75	58	ug/kg	78		SW846 8260B
	ND	75	59	ug/kg	79	1.8	SW846 8260B
Cyclohexane	ND	75	75	ug/kg	100		SW846 8260B
	ND	75	74	ug/kg	99	0.91	SW846 8260B
1,2-Dibromoethane	ND	75	75	ug/kg	101		SW846 8260B
	ND	75	76	ug/kg	102	0.78	SW846 8260B
1,2-Dichlorobenzene	ND	75	74	ug/kg	100		SW846 8260B
	ND	75	76	ug/kg	102	2.2	SW846 8260B
1,3-Dichlorobenzene	ND	75	81	ug/kg	108		SW846 8260B
	ND	75	85	ug/kg	113	4.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KENFJ1A6-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L210260-008 KENFJ1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dichlorobenzene	ND	75	77	ug/kg	103		SW846 8260B
	ND	75	78	ug/kg	105	2.0	SW846 8260B
Dichlorodifluoromethane	ND	75	40	ug/kg	53		SW846 8260B
	ND	75	42	ug/kg	56	5.0	SW846 8260B
1,1-Dichloroethane	ND	75	79	ug/kg	106		SW846 8260B
	ND	75	80	ug/kg	107	0.96	SW846 8260B
1,2-Dichloroethane	ND	75	76	ug/kg	102		SW846 8260B
	ND	75	77	ug/kg	103	1.1	SW846 8260B
1,1-Dichloroethene	**ND**	**75**	**81**	**ug/kg**	**109**		**SW846 8260B**
	ND	**75**	**82**	**ug/kg**	**110**	**0.66**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	75	81	ug/kg	108		SW846 8260B
	ND	75	80	ug/kg	107	1.1	SW846 8260B
trans-1,2-Dichloroethene	ND	75	83	ug/kg	111		SW846 8260B
	ND	75	83	ug/kg	111	0.47	SW846 8260B
1,2-Dichloropropane	ND	75	80	ug/kg	107		SW846 8260B
	ND	75	81	ug/kg	108	1.2	SW846 8260B
cis-1,3-Dichloropropene	ND	75	66	ug/kg	88		SW846 8260B
	ND	75	67	ug/kg	89	1.4	SW846 8260B
trans-1,3-Dichloropropene	ND	75	69	ug/kg	92		SW846 8260B
	ND	75	68	ug/kg	91	1.1	SW846 8260B
Ethylbenzene	ND	75	86	ug/kg	116		SW846 8260B
	ND	75	87	ug/kg	116	0.25	SW846 8260B
Trichlorofluoromethane	ND	75	86	ug/kg	115		SW846 8260B
	ND	75	87	ug/kg	117	1.7	SW846 8260B
2-Hexanone	ND	75	64	ug/kg	86		SW846 8260B
	ND	75	70	ug/kg	94	8.9	SW846 8260B
Isopropylbenzene	ND	75	92	ug/kg	123		SW846 8260B
	ND	75	91	ug/kg	122	0.96	SW846 8260B
Methyl acetate	ND	75	48	ug/kg	64		SW846 8260B
	ND	75	47	ug/kg	63	1.5	SW846 8260B
Methylcyclohexane	ND	75	64	ug/kg	85		SW846 8260B
	ND	75	63	ug/kg	84	1.5	SW846 8260B
Methylene chloride	ND	75	74	ug/kg	100		SW846 8260B
	ND	75	77	ug/kg	103	3.4	SW846 8260B
4-Methyl-2-pentanone	ND	75	74	ug/kg	99		SW846 8260B
	ND	75	78	ug/kg	105	5.4	SW846 8260B
Styrene	ND	75	63	ug/kg	84		SW846 8260B
	ND	75	63	ug/kg	85	0.48	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	75	93	ug/kg	125		SW846 8260B
	ND	75	94	ug/kg	126	0.86	SW846 8260B
Tetrachloroethene	ND	75	92	ug/kg	123		SW846 8260B
	ND	75	90	ug/kg	120	2.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KENFJ1A6-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L210260-008 KENFJ1A7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Toluene	**ND**	**75**	**84**	**ug/kg**	**113**		**SW846 8260B**
	ND	**75**	**84**	**ug/kg**	**112**	**0.35**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	75	38	ug/kg	51		SW846 8260B
	ND	75	41	ug/kg	54	7.5	SW846 8260B
1,1,1-Trichloroethane	ND	75	88	ug/kg	117		SW846 8260B
	ND	75	88	ug/kg	118	0.40	SW846 8260B
1,1,2-Trichloroethane	ND	75	78	ug/kg	104		SW846 8260B
	ND	75	80	ug/kg	107	3.3	SW846 8260B
Trichloroethene	**ND**	**75**	**94**	**ug/kg**	**125**		**SW846 8260B**
	ND	**75**	**94**	**ug/kg**	**125**	**0.14**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	75	100	ug/kg	140		SW846 8260B
	ND	75	100	ug/kg	138	1.3	SW846 8260B
1,2,4-Trimethylbenzene	ND	75	90	ug/kg	120		SW846 8260B
	ND	75	89	ug/kg	120	0.33	SW846 8260B
1,3,5-Trimethylbenzene	ND	75	96	ug/kg	128		SW846 8260B
	ND	75	95	ug/kg	127	1.1	SW846 8260B
Vinyl chloride	ND	75	61	ug/kg	81		SW846 8260B
	ND	75	61	ug/kg	81	0.35	SW846 8260B
Xylenes (total)	ND	220	250	ug/kg	114		SW846 8260B
	ND	220	250	ug/kg	114	0.18	SW846 8260B
Methyl tert-butyl ether	ND	75	72	ug/kg	97		SW846 8260B
	ND	75	74	ug/kg	99	2.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
	87	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	85	(61 - 130)
Toluene-d8	87	(60 - 143)
	87	(60 - 143)
4-Bromofluorobenzene	73	(47 - 158)
	70	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KENFJ1A6-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L210260-008 KENFJ1A7-MSD
Date Sampled...: 12/20/07 15:10 **Date Received..:** 12/21/07
Prep Date.....: 01/02/08 **Analysis Date..:** 01/02/08
Prep Batch #...: 8003201
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 33

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	105	(10 - 200)			SW846 8260B
	110	(10 - 200)	4.9	(0-66)	SW846 8260B
Benzene	**104**	**(55 - 138)**			**SW846 8260B**
	105	**(55 - 138)**	**0.51**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	101	(47 - 131)			SW846 8260B
	99	(47 - 131)	1.4	(0-51)	SW846 8260B
Bromoform	90	(26 - 141)			SW846 8260B
	88	(26 - 141)	2.4	(0-64)	SW846 8260B
Bromomethane	97	(15 - 152)			SW846 8260B
	97	(15 - 152)	0.20	(0-72)	SW846 8260B
2-Butanone	97	(21 - 195)			SW846 8260B
	101	(21 - 195)	3.4	(0-60)	SW846 8260B
Carbon disulfide	89	(27 - 149)			SW846 8260B
	88	(27 - 149)	0.17	(0-73)	SW846 8260B
Carbon tetrachloride	126	(32 - 143)			SW846 8260B
	122	(32 - 143)	3.0	(0-68)	SW846 8260B
Chlorobenzene	**106**	**(49 - 139)**			**SW846 8260B**
	107	**(49 - 139)**	**0.73**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	115	(44 - 135)			SW846 8260B
	113	(44 - 135)	1.7	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	113	(50 - 150)			SW846 8260B
	126	(50 - 150)	11	(0-20)	SW846 8260B
Chloroethane	100	(32 - 140)			SW846 8260B
	102	(32 - 140)	2.3	(0-66)	SW846 8260B
Chloroform	108	(59 - 128)			SW846 8260B
	109	(59 - 128)	1.4	(0-46)	SW846 8260B
Chloromethane	78	(28 - 130)			SW846 8260B
	79	(28 - 130)	1.8	(0-81)	SW846 8260B
Cyclohexane	100	(50 - 150)			SW846 8260B
	99	(50 - 150)	0.91	(0-20)	SW846 8260B
1,2-Dibromoethane	101	(50 - 150)			SW846 8260B
	102	(50 - 150)	0.78	(0-20)	SW846 8260B
1,2-Dichlorobenzene	100	(50 - 150)			SW846 8260B
	102	(50 - 150)	2.2	(0-20)	SW846 8260B
1,3-Dichlorobenzene	108	(50 - 150)			SW846 8260B
	113	(50 - 150)	4.5	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KENFJ1A6-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L210260-008 KENFJ1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	105	(50 - 150)	2.0	(0-20)	SW846 8260B
Dichlorodifluoromethane	53	(50 - 150)			SW846 8260B
	56	(50 - 150)	5.0	(0-20)	SW846 8260B
1,1-Dichloroethane	106	(56 - 130)			SW846 8260B
	107	(56 - 130)	0.96	(0-54)	SW846 8260B
1,2-Dichloroethane	102	(56 - 126)			SW846 8260B
	103	(56 - 126)	1.1	(0-38)	SW846 8260B
1,1-Dichloroethene	**109**	**(43 - 147)**			**SW846 8260B**
	110	**(43 - 147)**	**0.66**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	108	(48 - 127)			SW846 8260B
	107	(48 - 127)	1.1	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	111	(47 - 127)			SW846 8260B
	111	(47 - 127)	0.47	(0-58)	SW846 8260B
1,2-Dichloropropane	107	(54 - 125)			SW846 8260B
	108	(54 - 125)	1.2	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	88	(30 - 138)			SW846 8260B
	89	(30 - 138)	1.4	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	92	(34 - 134)			SW846 8260B
	91	(34 - 134)	1.1	(0-57)	SW846 8260B
Ethylbenzene	116	(36 - 133)			SW846 8260B
	116	(36 - 133)	0.25	(0-72)	SW846 8260B
Trichlorofluoromethane	115	(50 - 150)			SW846 8260B
	117	(50 - 150)	1.7	(0-20)	SW846 8260B
2-Hexanone	86	(20 - 190)			SW846 8260B
	94	(20 - 190)	8.9	(0-70)	SW846 8260B
Isopropylbenzene	123	(50 - 150)			SW846 8260B
	122	(50 - 150)	0.96	(0-20)	SW846 8260B
Methyl acetate	64	(50 - 150)			SW846 8260B
	63	(50 - 150)	1.5	(0-20)	SW846 8260B
Methylcyclohexane	85	(50 - 150)			SW846 8260B
	84	(50 - 150)	1.5	(0-20)	SW846 8260B
Methylene chloride	100	(45 - 129)			SW846 8260B
	103	(45 - 129)	3.4	(0-49)	SW846 8260B
4-Methyl-2-pentanone	99	(42 - 143)			SW846 8260B
	105	(42 - 143)	5.4	(0-60)	SW846 8260B
Styrene	84	(23 - 136)			SW846 8260B
	85	(23 - 136)	0.48	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	125	(33 - 162)			SW846 8260B
	126	(33 - 162)	0.86	(0-90)	SW846 8260B
Tetrachloroethene	123	(31 - 137)			SW846 8260B
	120	(31 - 137)	2.0	(0-81)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L040208 **Work Order #...:** KENFJ1A6-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L210260-008 KENFJ1A7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**113**	**(46 - 147)**			**SW846 8260B**
	112	**(46 - 147)**	**0.35**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	51	(50 - 150)			SW846 8260B
	54	(50 - 150)	7.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	117	(48 - 132)			SW846 8260B
	118	(48 - 132)	0.40	(0-57)	SW846 8260B
1,1,2-Trichloroethane	104	(58 - 128)			SW846 8260B
	107	(58 - 128)	3.3	(0-52)	SW846 8260B
Trichloroethene	**125**	**(46 - 143)**			**SW846 8260B**
	125	**(46 - 143)**	**0.14**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	140	(50 - 150)			SW846 8260B
	138	(50 - 150)	1.3	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	120	(70 - 130)			SW846 8260B
	120	(70 - 130)	0.33	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	128	(70 - 130)			SW846 8260B
	127	(70 - 130)	1.1	(0-30)	SW846 8260B
Vinyl chloride	81	(30 - 136)			SW846 8260B
	81	(30 - 136)	0.35	(0-80)	SW846 8260B
Xylenes (total)	114	(33 - 135)			SW846 8260B
	114	(33 - 135)	0.18	(0-78)	SW846 8260B
Methyl tert-butyl ether	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.3	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
	87	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	85	(61 - 130)
Toluene-d8	87	(60 - 143)
	87	(60 - 143)
4-Bromofluorobenzene	73	(47 - 158)
	70	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD371A5 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7352511
Dilution Factor: 2 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	220	ug/kg	58
Pyridine	ND	220	ug/kg	38
Acenaphthene	**100**	**15**	**ug/kg**	**2.9**
Acenaphthylene	**25**	**15**	**ug/kg**	**2.7**
Acetophenone	ND	220	ug/kg	58
Anthracene	**230**	**15**	**ug/kg**	**2.9**
Atrazine	ND	450	ug/kg	47
Benzo(a)anthracene	**490**	**15**	**ug/kg**	**2.1**
Benzo(a)pyrene	**430**	**15**	**ug/kg**	**2.9**
Benzo(b)fluoranthene	**610**	**15**	**ug/kg**	**2.7**
Benzo(ghi)perylene	**320**	**15**	**ug/kg**	**2.9**
Benzo(k)fluoranthene	**240**	**15**	**ug/kg**	**3.8**
Benzaldehyde	ND	220	ug/kg	47
1,1'-Biphenyl	ND	110	ug/kg	51
bis(2-Chloroethoxy) methane	ND	220	ug/kg	49
bis(2-Chloroethyl)-ether	ND	220	ug/kg	4.5
bis(2-Ethylhexyl) phthalate	**61 J**	**110**	**ug/kg**	**40**
4-Bromophenyl phenyl ether	ND	110	ug/kg	47
Butyl benzyl phthalate	ND	110	ug/kg	42
Caprolactam	ND	740	ug/kg	83
Carbazole	**93 J**	**110**	**ug/kg**	**42**
4-Chloroaniline	ND	330	ug/kg	38
4-Chloro-3-methylphenol	ND	330	ug/kg	47
2-Chloronaphthalene	ND	110	ug/kg	49
2-Chlorophenol	ND	110	ug/kg	58
4-Chlorophenyl phenyl ether	ND	110	ug/kg	54
Chrysene	**550**	**15**	**ug/kg**	**2.0**
Dibenz(a,h)anthracene	**96**	**15**	**ug/kg**	**2.9**
Dibenzofuran	**82 J**	**110**	**ug/kg**	**45**
3,3'-Dichlorobenzidine	ND	220	ug/kg	40
2,4-Dichlorophenol	ND	330	ug/kg	45
Diethyl phthalate	ND	110	ug/kg	42

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD371A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	330	ug/kg	45
Dimethyl phthalate	ND	110	ug/kg	47
Di-n-butyl phthalate	ND	110	ug/kg	42
4,6-Dinitro-2-methylphenol	ND	330	ug/kg	29
2,4-Dinitrophenol	ND	740	ug/kg	190
2,4-Dinitrotoluene	ND	450	ug/kg	40
2,6-Dinitrotoluene	ND	450	ug/kg	47
Di-n-octyl phthalate	ND	110	ug/kg	40
Fluoranthene	**1400**	**15**	**ug/kg**	**2.7**
Fluorene	**60**	**15**	**ug/kg**	**2.7**
Hexachlorobenzene	ND	15	ug/kg	4.7
Hexachlorobutadiene	ND	110	ug/kg	58
Hexachlorocyclopentadiene	ND	740	ug/kg	36
Hexachloroethane	ND	110	ug/kg	63
Indeno(1,2,3-cd)pyrene	**270**	**15**	**ug/kg**	**3.3**
Isophorone	ND	110	ug/kg	47
2-Methylnaphthalene	**69**	**15**	**ug/kg**	**3.3**
2-Methylphenol	ND	450	ug/kg	63
4-Methylphenol	ND	450	ug/kg	49
Naphthalene	**64**	**15**	**ug/kg**	**3.6**
2-Nitroaniline	ND	450	ug/kg	49
3-Nitroaniline	ND	450	ug/kg	36
4-Nitroaniline	ND	450	ug/kg	58
Nitrobenzene	ND	220	ug/kg	4.9
2-Nitrophenol	ND	110	ug/kg	42
4-Nitrophenol	ND	740	ug/kg	250
N-Nitrosodi-n-propylamine	ND	110	ug/kg	51
N-Nitrosodiphenylamine	ND	110	ug/kg	47
Pentachlorophenol	ND	330	ug/kg	180
Phenanthrene	**910**	**15**	**ug/kg**	**4.5**
Phenol	ND	110	ug/kg	56
Pyrene	**1100**	**15**	**ug/kg**	**2.5**
2,4,5-Trichlorophenol	ND	330	ug/kg	56
2,4,6-Trichlorophenol	ND	330	ug/kg	47

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD371A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55 DIL	(24 - 112)
2-Fluorobiphenyl	70 DIL	(34 - 110)
Terphenyl-d14	84 DIL	(41 - 119)
Phenol-d5	52 DIL	(28 - 110)
2-Fluorophenol	12 DIL,*	(26 - 110)
2,4,6-Tribromophenol	0.0 DIL,*	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD381A5 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
Prep Date.....: 12/17/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7351326
Dilution Factor: 1 **Initial Wgt/Vol:** 30.2 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**21 J**	**57**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	28
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD381A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	94
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD381A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	14 *	(24 - 112)
2-Fluorobiphenyl	35	(34 - 110)
Terphenyl-d14	71	(41 - 119)
Phenol-d5	27 *	(28 - 110)
2-Fluorophenol	15 *	(26 - 110)
2,4,6-Tribromophenol	45	(10 - 118)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD382A5 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
Prep Date.....: 12/28/07 **Analysis Date..:** 01/03/08
Prep Batch #...: 7362058
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**40 J,B**	**57**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	28
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD382A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	94
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD382A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	68	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	61	(28 - 110)
2-Fluorophenol	61	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A1AG **Matrix.....:** SO
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7352511
Dilution Factor: 1 **Initial Wgt/Vol:** 30.18 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	20
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	29
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	28
Pyrene	ND	7.6	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	37	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	49	(28 - 110)
2-Fluorophenol	35	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C1AG **Matrix.....:** SO
Date Sampled...: 12/03/07 10:45 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/27/07
Prep Batch #...: 7352511
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	20
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	28
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

GC/MS Semivolatiles

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
2-Fluorobiphenyl	68	(34 - 110)
Terphenyl-d14	95	(41 - 119)
Phenol-d5	63	(28 - 110)
2-Fluorophenol	59	(26 - 110)
2,4,6-Tribromophenol	71	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L170000-326

Prep Date.....: 12/17/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/26/07 **Prep Batch #...:** 7351326
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Pyridine	ND	100	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(24 - 112)
2-Fluorobiphenyl	57	(34 - 110)
Terphenyl-d14	77	(41 - 119)
Phenol-d5	49	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	50	(10 - 118)

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AA **Matrix.....:** SOLID

NOTE(S):

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

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L180000-511

Prep Date.....: 12/18/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/26/07 **Prep Batch #...:** 7352511
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
2-Fluorobiphenyl	75	(34 - 110)
Terphenyl-d14	96	(41 - 119)
Phenol-d5	68	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	67	(10 - 118)

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AA **Matrix.....:** SOLID

NOTE(S):

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

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L280000-058

Prep Date.....: 12/28/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 01/03/08 **Prep Batch #...:** 7362058
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Pyridine	ND	100	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	**24 J**	**50**	**ug/kg**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	67	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AA **Matrix.....:** SOLID

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-326
Prep Date.....: 12/17/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7351326
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	280	ug/kg	41	SW846 8270C
Pyridine	670	92 a	ug/kg	14	SW846 8270C
Acenaphthene	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
Acenaphthylene	670	420	ug/kg	63	SW846 8270C
Acetophenone	670	310 a	ug/kg	46	SW846 8270C
Anthracene	670	530	ug/kg	80	SW846 8270C
Atrazine	670	660	ug/kg	98	SW846 8270C
Benzo(a)anthracene	670	510	ug/kg	77	SW846 8270C
Benzo(a)pyrene	670	530	ug/kg	79	SW846 8270C
Benzo(b)fluoranthene	670	540	ug/kg	80	SW846 8270C
Benzo(ghi)perylene	670	560	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	670	600	ug/kg	90	SW846 8270C
Benzaldehyde	670	240	ug/kg	36	SW846 8270C
1,1'-Biphenyl	670	400	ug/kg	60	SW846 8270C
bis(2-Chloroethoxy) methane	670	340	ug/kg	51	SW846 8270C
bis(2-Chloroethyl)- ether	670	250 a	ug/kg	38	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	590	ug/kg	89	SW846 8270C
4-Bromophenyl phenyl ether	670	530	ug/kg	80	SW846 8270C
Butyl benzyl phthalate	670	550	ug/kg	82	SW846 8270C
Caprolactam	670	530	ug/kg	80	SW846 8270C
Carbazole	670	570	ug/kg	86	SW846 8270C
4-Chloroaniline	670	280	ug/kg	42	SW846 8270C
4-Chloro-3-methylphenol	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
2-Chloronaphthalene	670	380	ug/kg	57	SW846 8270C
2-Chlorophenol	**670**	**280**	**ug/kg**	**42**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	480	ug/kg	71	SW846 8270C
Chrysene	670	530	ug/kg	80	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-326

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	670	560	ug/kg	84	SW846 8270C
Dibenzofuran	670	420	ug/kg	64	SW846 8270C
3,3'-Dichlorobenzidine	670	380	ug/kg	57	SW846 8270C
2,4-Dichlorophenol	670	380	ug/kg	57	SW846 8270C
Diethyl phthalate	670	520	ug/kg	78	SW846 8270C
2,4-Dimethylphenol	670	310	ug/kg	46	SW846 8270C
Dimethyl phthalate	670	470	ug/kg	71	SW846 8270C
Di-n-butyl phthalate	670	630	ug/kg	94	SW846 8270C
4,6-Dinitro-2-methylphenol	670	480	ug/kg	72	SW846 8270C
2,4-Dinitrophenol	670	360	ug/kg	54	SW846 8270C
2,4-Dinitrotoluene	**670**	**550**	**ug/kg**	**83**	**SW846 8270C**
2,6-Dinitrotoluene	670	500	ug/kg	76	SW846 8270C
Di-n-octyl phthalate	670	580	ug/kg	87	SW846 8270C
Fluoranthene	670	610	ug/kg	91	SW846 8270C
Fluorene	670	460	ug/kg	69	SW846 8270C
Hexachlorobenzene	670	490	ug/kg	73	SW846 8270C
Hexachlorobutadiene	670	310	ug/kg	46	SW846 8270C
Hexachlorocyclopenta-diene	670	230	ug/kg	34	SW846 8270C
Hexachloroethane	670	220 a	ug/kg	33	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	540	ug/kg	81	SW846 8270C
Isophorone	670	390	ug/kg	58	SW846 8270C
2-Methylnaphthalene	670	400	ug/kg	60	SW846 8270C
2-Methylphenol	670	340	ug/kg	51	SW846 8270C
4-Methylphenol	1300	680	ug/kg	51	SW846 8270C
Naphthalene	670	320	ug/kg	49	SW846 8270C
2-Nitroaniline	670	470	ug/kg	70	SW846 8270C
3-Nitroaniline	670	460	ug/kg	69	SW846 8270C
4-Nitroaniline	670	540	ug/kg	80	SW846 8270C
Nitrobenzene	670	310	ug/kg	46	SW846 8270C
2-Nitrophenol	670	330	ug/kg	50	SW846 8270C
4-Nitrophenol	**670**	**480**	**ug/kg**	**73**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**340**	**ug/kg**	**50**	**SW846 8270C**
N-Nitrosodiphenylamine	670	520	ug/kg	77	SW846 8270C
Pentachlorophenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-326

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	670	500	ug/kg	75	SW846 8270C
Phenol	**670**	**310**	**ug/kg**	**46**	**SW846 8270C**
Pyrene	**670**	**540**	**ug/kg**	**81**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	420	ug/kg	63	SW846 8270C
2,4,6-Trichloro-phenol	670	380	ug/kg	56	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	45	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	46	(28 - 110)
2-Fluorophenol	42	(26 - 110)
2,4,6-Tribromophenol	64	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-326
Prep Date.....: 12/17/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7351326
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	41	(36 - 116)	SW846 8270C
Pyridine	14 a	(22 - 110)	SW846 8270C
Acenaphthene	**63**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	63	(47 - 110)	SW846 8270C
Acetophenone	46 a	(50 - 130)	SW846 8270C
Anthracene	80	(56 - 111)	SW846 8270C
Atrazine	98	(50 - 130)	SW846 8270C
Benzo(a)anthracene	77	(58 - 111)	SW846 8270C
Benzo(a)pyrene	79	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	80	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	84	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	90	(38 - 122)	SW846 8270C
Benzaldehyde	36	(10 - 130)	SW846 8270C
1,1'-Biphenyl	60	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	51	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	38 a	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	89	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	80	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	82	(57 - 121)	SW846 8270C
Caprolactam	80	(50 - 130)	SW846 8270C
Carbazole	86	(56 - 115)	SW846 8270C
4-Chloroaniline	42	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**60**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	57	(46 - 110)	SW846 8270C
2-Chlorophenol	**42**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	71	(53 - 110)	SW846 8270C
Chrysene	80	(56 - 111)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-326

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	84	(45 - 122)	SW846 8270C
Dibenzofuran	64	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	57	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	57	(40 - 110)	SW846 8270C
Diethyl phthalate	78	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	46	(28 - 110)	SW846 8270C
Dimethyl phthalate	71	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	94	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	72	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	54	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**83**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	76	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	87	(45 - 123)	SW846 8270C
Fluoranthene	91	(55 - 118)	SW846 8270C
Fluorene	69	(51 - 110)	SW846 8270C
Hexachlorobenzene	73	(51 - 110)	SW846 8270C
Hexachlorobutadiene	46	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	34	(10 - 110)	SW846 8270C
Hexachloroethane	33 a	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	(45 - 121)	SW846 8270C
Isophorone	58	(46 - 117)	SW846 8270C
2-Methylnaphthalene	60	(46 - 110)	SW846 8270C
2-Methylphenol	51	(36 - 110)	SW846 8270C
4-Methylphenol	51	(40 - 110)	SW846 8270C
Naphthalene	49	(42 - 110)	SW846 8270C
2-Nitroaniline	70	(47 - 124)	SW846 8270C
3-Nitroaniline	69	(44 - 110)	SW846 8270C
4-Nitroaniline	80	(50 - 110)	SW846 8270C
Nitrobenzene	46	(40 - 110)	SW846 8270C
2-Nitrophenol	50	(35 - 110)	SW846 8270C
4-Nitrophenol	**73**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**50**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	77	(54 - 112)	SW846 8270C
Pentachlorophenol	**64**	**(10 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEAWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L170000-326

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	75	(54 - 110)	SW846 8270C
Phenol	**46**	**(39 - 110)**	**SW846 8270C**
Pyrene	**81**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	63	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	56	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	45	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	46	(28 - 110)
2-Fluorophenol	42	(26 - 110)
2,4,6-Tribromophenol	64	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-511
Prep Date.....: 12/18/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7352511
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	470	ug/kg	70	SW846 8270C
Pyridine	670	300	ug/kg	45	SW846 8270C
Acenaphthene	**670**	**510**	**ug/kg**	**77**	**SW846 8270C**
Acenaphthylene	670	530	ug/kg	80	SW846 8270C
Acetophenone	670	450	ug/kg	67	SW846 8270C
Anthracene	670	560	ug/kg	84	SW846 8270C
Atrazine	670	680	ug/kg	101	SW846 8270C
Benzo(a)anthracene	670	530	ug/kg	79	SW846 8270C
Benzo(a)pyrene	670	520	ug/kg	78	SW846 8270C
Benzo(b)fluoranthene	670	550	ug/kg	82	SW846 8270C
Benzo(ghi)perylene	670	580	ug/kg	87	SW846 8270C
Benzo(k)fluoranthene	670	570	ug/kg	86	SW846 8270C
Benzaldehyde	670	490	ug/kg	73	SW846 8270C
1,1'-Biphenyl	670	510	ug/kg	76	SW846 8270C
bis(2-Chloroethoxy) methane	670	480	ug/kg	71	SW846 8270C
bis(2-Chloroethyl)- ether	670	430	ug/kg	65	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	570	ug/kg	86	SW846 8270C
4-Bromophenyl phenyl ether	670	580	ug/kg	87	SW846 8270C
Butyl benzyl phthalate	670	550	ug/kg	83	SW846 8270C
Caprolactam	670	570	ug/kg	85	SW846 8270C
Carbazole	670	590	ug/kg	89	SW846 8270C
4-Chloroaniline	670	300	ug/kg	44	SW846 8270C
4-Chloro-3-methylphenol	**670**	**450**	**ug/kg**	**67**	**SW846 8270C**
2-Chloronaphthalene	670	500	ug/kg	76	SW846 8270C
2-Chlorophenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	550	ug/kg	82	SW846 8270C
Chrysene	670	530	ug/kg	80	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-511

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	670	570	ug/kg	85	SW846 8270C
Dibenzofuran	670	520	ug/kg	77	SW846 8270C
3,3'-Dichlorobenzidine	670	280	ug/kg	42	SW846 8270C
2,4-Dichlorophenol	670	470	ug/kg	71	SW846 8270C
Diethyl phthalate	670	550	ug/kg	83	SW846 8270C
2,4-Dimethylphenol	670	410	ug/kg	61	SW846 8270C
Dimethyl phthalate	670	530	ug/kg	80	SW846 8270C
Di-n-butyl phthalate	670	620	ug/kg	93	SW846 8270C
4,6-Dinitro-2-methylphenol	670	450	ug/kg	67	SW846 8270C
2,4-Dinitrophenol	670	340	ug/kg	51	SW846 8270C
2,4-Dinitrotoluene	**670**	**580**	**ug/kg**	**87**	**SW846 8270C**
2,6-Dinitrotoluene	670	560	ug/kg	85	SW846 8270C
Di-n-octyl phthalate	670	580	ug/kg	87	SW846 8270C
Fluoranthene	670	620	ug/kg	92	SW846 8270C
Fluorene	670	530	ug/kg	80	SW846 8270C
Hexachlorobenzene	670	520	ug/kg	79	SW846 8270C
Hexachlorobutadiene	670	540	ug/kg	81	SW846 8270C
Hexachlorocyclopenta-diene	670	330	ug/kg	49	SW846 8270C
Hexachloroethane	670	510	ug/kg	76	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	560	ug/kg	84	SW846 8270C
Isophorone	670	520	ug/kg	78	SW846 8270C
2-Methylnaphthalene	670	540	ug/kg	80	SW846 8270C
2-Methylphenol	670	470	ug/kg	71	SW846 8270C
4-Methylphenol	1300	880	ug/kg	66	SW846 8270C
Naphthalene	670	480	ug/kg	73	SW846 8270C
2-Nitroaniline	670	530	ug/kg	80	SW846 8270C
3-Nitroaniline	670	430	ug/kg	65	SW846 8270C
4-Nitroaniline	670	560	ug/kg	84	SW846 8270C
Nitrobenzene	670	470	ug/kg	71	SW846 8270C
2-Nitrophenol	670	480	ug/kg	71	SW846 8270C
4-Nitrophenol	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**480**	**ug/kg**	**71**	**SW846 8270C**
N-Nitrosodiphenylamine	670	540	ug/kg	82	SW846 8270C
Pentachlorophenol	**670**	**360**	**ug/kg**	**55**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-511

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	670	530	ug/kg	79	SW846 8270C
Phenol	**670**	**420**	**ug/kg**	**64**	**SW846 8270C**
Pyrene	**670**	**550**	**ug/kg**	**83**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	470	ug/kg	71	SW846 8270C
2,4,6-Trichloro-phenol	670	430	ug/kg	64	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	75	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-511
Prep Date.....: 12/18/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7352511
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	70	(36 - 116)	SW846 8270C
Pyridine	45	(22 - 110)	SW846 8270C
Acenaphthene	**77**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	80	(47 - 110)	SW846 8270C
Acetophenone	67	(50 - 130)	SW846 8270C
Anthracene	84	(56 - 111)	SW846 8270C
Atrazine	101	(50 - 130)	SW846 8270C
Benzo(a)anthracene	79	(58 - 111)	SW846 8270C
Benzo(a)pyrene	78	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	82	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	87	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	86	(38 - 122)	SW846 8270C
Benzaldehyde	73	(10 - 130)	SW846 8270C
1,1'-Biphenyl	76	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	71	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	65	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	86	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	87	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	83	(57 - 121)	SW846 8270C
Caprolactam	85	(50 - 130)	SW846 8270C
Carbazole	89	(56 - 115)	SW846 8270C
4-Chloroaniline	44	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**67**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	76	(46 - 110)	SW846 8270C
2-Chlorophenol	**64**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	82	(53 - 110)	SW846 8270C
Chrysene	80	(56 - 111)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-511

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	85	(45 - 122)	SW846 8270C
Dibenzofuran	77	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	42	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	71	(40 - 110)	SW846 8270C
Diethyl phthalate	83	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	61	(28 - 110)	SW846 8270C
Dimethyl phthalate	80	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	93	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	67	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	51	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**87**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	85	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	87	(45 - 123)	SW846 8270C
Fluoranthene	92	(55 - 118)	SW846 8270C
Fluorene	80	(51 - 110)	SW846 8270C
Hexachlorobenzene	79	(51 - 110)	SW846 8270C
Hexachlorobutadiene	81	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	49	(10 - 110)	SW846 8270C
Hexachloroethane	76	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	84	(45 - 121)	SW846 8270C
Isophorone	78	(46 - 117)	SW846 8270C
2-Methylnaphthalene	80	(46 - 110)	SW846 8270C
2-Methylphenol	71	(36 - 110)	SW846 8270C
4-Methylphenol	66	(40 - 110)	SW846 8270C
Naphthalene	73	(42 - 110)	SW846 8270C
2-Nitroaniline	80	(47 - 124)	SW846 8270C
3-Nitroaniline	65	(44 - 110)	SW846 8270C
4-Nitroaniline	84	(50 - 110)	SW846 8270C
Nitrobenzene	71	(40 - 110)	SW846 8270C
2-Nitrophenol	71	(35 - 110)	SW846 8270C
4-Nitrophenol	**70**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**71**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	82	(54 - 112)	SW846 8270C
Pentachlorophenol	**55**	**(10 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEDA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-511

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	79	(54 - 110)	SW846 8270C
Phenol	**64**	**(39 - 110)**	**SW846 8270C**
Pyrene	**83**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	71	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	64	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	75	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L280000-058
Prep Date.....: 12/28/07 **Analysis Date..:** 01/03/08
Prep Batch #...: 7362058
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	490	ug/kg	73	SW846 8270C
Pyridine	670	320	ug/kg	48	SW846 8270C
Acenaphthene	**670**	**500**	**ug/kg**	**75**	**SW846 8270C**
Acenaphthylene	670	520	ug/kg	78	SW846 8270C
Acetophenone	670	480	ug/kg	72	SW846 8270C
Anthracene	670	540	ug/kg	81	SW846 8270C
Atrazine	670	650	ug/kg	98	SW846 8270C
Benzo(a)anthracene	670	500	ug/kg	76	SW846 8270C
Benzo(a)pyrene	670	510	ug/kg	76	SW846 8270C
Benzo(b)fluoranthene	670	500	ug/kg	75	SW846 8270C
Benzo(ghi)perylene	670	530	ug/kg	80	SW846 8270C
Benzo(k)fluoranthene	670	530	ug/kg	80	SW846 8270C
Benzaldehyde	670	520	ug/kg	79	SW846 8270C
1,1'-Biphenyl	670	510	ug/kg	77	SW846 8270C
bis(2-Chloroethoxy) methane	670	490	ug/kg	73	SW846 8270C
bis(2-Chloroethyl)- ether	670	540	ug/kg	81	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	600	ug/kg	90	SW846 8270C
4-Bromophenyl phenyl ether	670	540	ug/kg	81	SW846 8270C
Butyl benzyl phthalate	670	580	ug/kg	87	SW846 8270C
Caprolactam	670	560	ug/kg	84	SW846 8270C
Carbazole	670	550	ug/kg	82	SW846 8270C
4-Chloroaniline	670	290	ug/kg	43	SW846 8270C
4-Chloro-3-methylphenol	**670**	**470**	**ug/kg**	**71**	**SW846 8270C**
2-Chloronaphthalene	670	500	ug/kg	74	SW846 8270C
2-Chlorophenol	**670**	**460**	**ug/kg**	**68**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	550	ug/kg	82	SW846 8270C
Chrysene	670	520	ug/kg	78	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L280000-058

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	670	540	ug/kg	81	SW846 8270C
Dibenzofuran	670	510	ug/kg	77	SW846 8270C
3,3'-Dichlorobenzidine	670	260	ug/kg	38	SW846 8270C
2,4-Dichlorophenol	670	470	ug/kg	71	SW846 8270C
Diethyl phthalate	670	530	ug/kg	80	SW846 8270C
2,4-Dimethylphenol	670	420	ug/kg	64	SW846 8270C
Dimethyl phthalate	670	540	ug/kg	81	SW846 8270C
Di-n-butyl phthalate	670	610	ug/kg	92	SW846 8270C
4,6-Dinitro-2-methylphenol	670	400	ug/kg	60	SW846 8270C
2,4-Dinitrophenol	670	320	ug/kg	48	SW846 8270C
2,4-Dinitrotoluene	**670**	**580**	**ug/kg**	**87**	**SW846 8270C**
2,6-Dinitrotoluene	670	580	ug/kg	87	SW846 8270C
Di-n-octyl phthalate	670	580	ug/kg	87	SW846 8270C
Fluoranthene	670	590	ug/kg	88	SW846 8270C
Fluorene	670	510	ug/kg	76	SW846 8270C
Hexachlorobenzene	670	500	ug/kg	75	SW846 8270C
Hexachlorobutadiene	670	540	ug/kg	80	SW846 8270C
Hexachlorocyclopenta-diene	670	520	ug/kg	78	SW846 8270C
Hexachloroethane	670	510	ug/kg	77	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	540	ug/kg	81	SW846 8270C
Isophorone	670	540	ug/kg	81	SW846 8270C
2-Methylnaphthalene	670	540	ug/kg	80	SW846 8270C
2-Methylphenol	670	460	ug/kg	69	SW846 8270C
4-Methylphenol	1300	900	ug/kg	68	SW846 8270C
Naphthalene	670	500	ug/kg	74	SW846 8270C
2-Nitroaniline	670	540	ug/kg	80	SW846 8270C
3-Nitroaniline	670	430	ug/kg	64	SW846 8270C
4-Nitroaniline	670	520	ug/kg	77	SW846 8270C
Nitrobenzene	670	500	ug/kg	75	SW846 8270C
2-Nitrophenol	670	470	ug/kg	70	SW846 8270C
4-Nitrophenol	**670**	**480**	**ug/kg**	**72**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**510**	**ug/kg**	**76**	**SW846 8270C**
N-Nitrosodiphenylamine	670	490	ug/kg	73	SW846 8270C
Pentachlorophenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L280000-058

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	670	510	ug/kg	76	SW846 8270C
Phenol	**670**	**440**	**ug/kg**	**65**	**SW846 8270C**
Pyrene	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	470	ug/kg	71	SW846 8270C
2,4,6-Trichloro-phenol	670	480	ug/kg	72	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	85	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	75	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L280000-058
Prep Date.....: 12/28/07 **Analysis Date..:** 01/03/08
Prep Batch #...: 7362058
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	73	(36 - 116)	SW846 8270C
Pyridine	48	(22 - 110)	SW846 8270C
Acenaphthene	**75**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	78	(47 - 110)	SW846 8270C
Acetophenone	72	(50 - 130)	SW846 8270C
Anthracene	81	(56 - 111)	SW846 8270C
Atrazine	98	(50 - 130)	SW846 8270C
Benzo(a)anthracene	76	(58 - 111)	SW846 8270C
Benzo(a)pyrene	76	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	75	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	80	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	80	(38 - 122)	SW846 8270C
Benzaldehyde	79	(10 - 130)	SW846 8270C
1,1'-Biphenyl	77	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	73	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	81	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	90	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	81	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	87	(57 - 121)	SW846 8270C
Caprolactam	84	(50 - 130)	SW846 8270C
Carbazole	82	(56 - 115)	SW846 8270C
4-Chloroaniline	43	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**71**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	74	(46 - 110)	SW846 8270C
2-Chlorophenol	**68**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	82	(53 - 110)	SW846 8270C
Chrysene	78	(56 - 111)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L280000-058

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	81	(45 - 122)	SW846 8270C
Dibenzofuran	77	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	38	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	71	(40 - 110)	SW846 8270C
Diethyl phthalate	80	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	64	(28 - 110)	SW846 8270C
Dimethyl phthalate	81	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	92	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	60	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	48	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**87**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	87	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	87	(45 - 123)	SW846 8270C
Fluoranthene	88	(55 - 118)	SW846 8270C
Fluorene	76	(51 - 110)	SW846 8270C
Hexachlorobenzene	75	(51 - 110)	SW846 8270C
Hexachlorobutadiene	80	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	78	(10 - 110)	SW846 8270C
Hexachloroethane	77	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	(45 - 121)	SW846 8270C
Isophorone	81	(46 - 117)	SW846 8270C
2-Methylnaphthalene	80	(46 - 110)	SW846 8270C
2-Methylphenol	69	(36 - 110)	SW846 8270C
4-Methylphenol	68	(40 - 110)	SW846 8270C
Naphthalene	74	(42 - 110)	SW846 8270C
2-Nitroaniline	80	(47 - 124)	SW846 8270C
3-Nitroaniline	64	(44 - 110)	SW846 8270C
4-Nitroaniline	77	(50 - 110)	SW846 8270C
Nitrobenzene	75	(40 - 110)	SW846 8270C
2-Nitrophenol	70	(35 - 110)	SW846 8270C
4-Nitrophenol	**72**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**76**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	73	(54 - 112)	SW846 8270C
Pentachlorophenol	**64**	**(10 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEV451AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L280000-058

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	76	(54 - 110)	SW846 8270C
Phenol	**65**	**(39 - 110)**	**SW846 8270C**
Pyrene	**78**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	71	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	72	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	85	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	75	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD
Date Sampled...: 12/12/07 17:00 **Date Received..:** 12/13/07
Prep Date.....: 12/17/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7351326
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 30

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	940	440	ug/kg	47		SW846 8270C
	ND	950	540	ug/kg	57	20	SW846 8270C
Pyridine	ND	940	220	ug/kg	23		SW846 8270C
	ND	950	300	ug/kg	31	29	SW846 8270C
Acenaphthene	**120**	**940**	**680**	**ug/kg**	**59**		**SW846 8270C**
	120	**950**	**560**	**ug/kg**	**47**	**18**	**SW846 8270C**
Acenaphthylene	ND	940	590	ug/kg	63		SW846 8270C
	ND	950	580	ug/kg	61	1.8	SW846 8270C
Acetophenone	ND	940	440	ug/kg	47 a		SW846 8270C
	ND	950	510	ug/kg	54	15	SW846 8270C
Anthracene	87	940	750	ug/kg	70		SW846 8270C
	87	950	650	ug/kg	60	13	SW846 8270C
Atrazine	ND	940	730	ug/kg	77		SW846 8270C
	ND	950	730	ug/kg	77	0.30	SW846 8270C
Benzo(a)anthracene	220	940	910	ug/kg	73		SW846 8270C
	220	950	750	ug/kg	56	20	SW846 8270C
Benzo(a)pyrene	150	940	780	ug/kg	67		SW846 8270C
	150	950	670	ug/kg	55	15	SW846 8270C
Benzo(b)fluoranthene	260	940	900	ug/kg	67		SW846 8270C
	260	950	760	ug/kg	52	17	SW846 8270C
Benzo(ghi)perylene	84	940	700	ug/kg	65		SW846 8270C
	84	950	660	ug/kg	61	4.9	SW846 8270C
Benzo(k)fluoranthene	75	940	800	ug/kg	77		SW846 8270C
	75	950	670	ug/kg	63	18	SW846 8270C
Benzaldehyde	ND	940	420	ug/kg	44		SW846 8270C
	ND	950	540	ug/kg	57	25	SW846 8270C
1,1'-Biphenyl	120	940	580	ug/kg	49 a		SW846 8270C
	120	950	500	ug/kg	40 a	15	SW846 8270C
bis(2-Chloroethoxy) methane	ND	940	490	ug/kg	52		SW846 8270C
	ND	950	550	ug/kg	58	11	SW846 8270C
bis(2-Chloroethyl)-ether	ND	940	490	ug/kg	52		SW846 8270C
	ND	950	480	ug/kg	51	1.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	1300	940	1800	ug/kg	51		SW846 8270C
	1300	950	1700	ug/kg	35	8.4	SW846 8270C
4-Bromophenyl phenyl ether	ND	940	660	ug/kg	70		SW846 8270C
	ND	950	640	ug/kg	67	4.2	SW846 8270C
Butyl benzyl phthalate	ND	940	710	ug/kg	75		SW846 8270C
	ND	950	680	ug/kg	72	3.8	SW846 8270C
Caprolactam	ND	940	680	ug/kg	72		SW846 8270C
	ND	950	610	ug/kg	65	11	SW846 8270C
Carbazole	78	940	750	ug/kg	71		SW846 8270C
	78	950	640	ug/kg	60	15	SW846 8270C
4-Chloroaniline	ND	940	420	ug/kg	45		SW846 8270C
	ND	950	420	ug/kg	44	0.48	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**940**	**640**	**ug/kg**	**68**		**SW846 8270C**
	ND	**950**	**570**	**ug/kg**	**61**	**11**	**SW846 8270C**
2-Chloronaphthalene	ND	940	560	ug/kg	59		SW846 8270C
	ND	950	570	ug/kg	60	2.8	SW846 8270C
2-Chlorophenol	**ND**	**940**	**430**	**ug/kg**	**46**		**SW846 8270C**
	ND	**950**	**510**	**ug/kg**	**54**	**16**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	940	620	ug/kg	66		SW846 8270C
	ND	950	570	ug/kg	60	8.6	SW846 8270C
Chrysene	210	940	850	ug/kg	68		SW846 8270C
	210	950	720	ug/kg	54	16	SW846 8270C
Dibenz(a,h)anthracene	41	940	660	ug/kg	66		SW846 8270C
	41	950	640	ug/kg	63	3.0	SW846 8270C
Dibenzofuran	31	940	620	ug/kg	62		SW846 8270C
	31	950	550	ug/kg	55	11	SW846 8270C
3,3'-Dichlorobenzidine	ND	940	240	ug/kg	25		SW846 8270C
	ND	950	240	ug/kg	25	0.17	SW846 8270C
2,4-Dichlorophenol	ND	940	590	ug/kg	62		SW846 8270C
	ND	950	540	ug/kg	57	8.7	SW846 8270C
Diethyl phthalate	ND	940	650	ug/kg	69		SW846 8270C
	ND	950	590	ug/kg	63	9.0	SW846 8270C
2,4-Dimethylphenol	ND	940	540	ug/kg	57		SW846 8270C
	ND	950	550	ug/kg	58	1.7	SW846 8270C
Dimethyl phthalate	ND	940	650	ug/kg	69		SW846 8270C
	ND	950	610	ug/kg	64	7.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	37	940	720	ug/kg	72		SW846 8270C
	37	950	650	ug/kg	65	9.6	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	940	460	ug/kg	49		SW846 8270C
	ND	950	440	ug/kg	46	4.8	SW846 8270C
2,4-Dinitrophenol	ND	940	390	ug/kg	42		SW846 8270C
	ND	950	380	ug/kg	40	3.7	SW846 8270C
2,4-Dinitrotoluene	**ND**	**940**	**720**	**ug/kg**	**77**		**SW846 8270C**
	ND	**950**	**650**	**ug/kg**	**69**	**11**	**SW846 8270C**
2,6-Dinitrotoluene	ND	940	700	ug/kg	74		SW846 8270C
	ND	950	670	ug/kg	71	4.6	SW846 8270C
Di-n-octyl phthalate	ND	940	800	ug/kg	85		SW846 8270C
	ND	950	690	ug/kg	73	15	SW846 8270C
Fluoranthene	430	940	1200	ug/kg	81		SW846 8270C
	430	950	830	ug/kg	43 p	35	SW846 8270C
Fluorene	73	940	680	ug/kg	65		SW846 8270C
	73	950	560	ug/kg	51	20	SW846 8270C
Hexachlorobenzene	ND	940	610	ug/kg	65		SW846 8270C
	ND	950	560	ug/kg	59	9.8	SW846 8270C
Hexachlorobutadiene	ND	940	430	ug/kg	45		SW846 8270C
	ND	950	530	ug/kg	56	21	SW846 8270C
Hexachlorocyclopenta-diene	ND	940	0.0	ug/kg	0.0 a		SW846 8270C
	ND	950	100	ug/kg	11 p	200	SW846 8270C
Hexachloroethane	ND	940	340	ug/kg	36		SW846 8270C
	ND	950	490	ug/kg	52 p	37	SW846 8270C
Indeno(1,2,3-cd)pyrene	95	940	690	ug/kg	63		SW846 8270C
	95	950	660	ug/kg	60	4.2	SW846 8270C
Isophorone	ND	940	570	ug/kg	61		SW846 8270C
	ND	950	630	ug/kg	66	9.3	SW846 8270C
2-Methylnaphthalene	62	940	610	ug/kg	58		SW846 8270C
	62	950	630	ug/kg	60	3.6	SW846 8270C
2-Methylphenol	ND	940	520	ug/kg	56		SW846 8270C
	ND	950	520	ug/kg	55	0.08	SW846 8270C
4-Methylphenol	ND	1900	1100	ug/kg	59		SW846 8270C
	ND	1900	1100	ug/kg	58	1.2	SW846 8270C
Naphthalene	43	940	480	ug/kg	46		SW846 8270C
	43	950	540	ug/kg	53	12	SW846 8270C
2-Nitroaniline	ND	940	700	ug/kg	75		SW846 8270C
	ND	950	660	ug/kg	70	5.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	940	600	ug/kg	63		SW846 8270C
	ND	950	570	ug/kg	60	4.9	SW846 8270C
4-Nitroaniline	ND	940	600	ug/kg	64		SW846 8270C
	ND	950	570	ug/kg	60	6.1	SW846 8270C
Nitrobenzene	ND	940	480	ug/kg	51		SW846 8270C
	ND	950	560	ug/kg	59	16	SW846 8270C
2-Nitrophenol	ND	940	460	ug/kg	49		SW846 8270C
	ND	950	540	ug/kg	57	15	SW846 8270C
4-Nitrophenol	**ND**	**940**	**620**	**ug/kg**	**66**		**SW846 8270C**
	ND	**950**	**560**	**ug/kg**	**60**	**9.5**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**940**	**510**	**ug/kg**	**54**		**SW846 8270C**
	ND	**950**	**600**	**ug/kg**	**63**	**16**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	940	680	ug/kg	72		SW846 8270C
	ND	950	650	ug/kg	68	5.1	SW846 8270C
Pentachlorophenol	**ND**	**940**	**550**	**ug/kg**	**58**		**SW846 8270C**
	ND	**950**	**480**	**ug/kg**	**51**	**13**	**SW846 8270C**
Phenanthrene	310	940	1000	ug/kg	75		SW846 8270C
	310	950	700	ug/kg	41 p	38	SW846 8270C
Phenol	**ND**	**940**	**460**	**ug/kg**	**49**		**SW846 8270C**
	ND	**950**	**510**	**ug/kg**	**54**	**10**	**SW846 8270C**
Pyrene	**350**	**940**	**1100**	**ug/kg**	**76**		**SW846 8270C**
	350	**950**	**840**	**ug/kg**	**52**	**24**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	940	630	ug/kg	67		SW846 8270C
	ND	950	590	ug/kg	62	7.7	SW846 8270C
2,4,6-Trichloro-phenol	ND	940	590	ug/kg	62		SW846 8270C
	ND	950	550	ug/kg	58	6.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
	60	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	76	(41 - 119)
	72	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	49	(28 - 110)
	56	(28 - 110)
2-Fluorophenol	44	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)
	58	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD
Date Sampled...: 12/12/07 17:00 **Date Received..:** 12/13/07
Prep Date.....: 12/17/07 **Analysis Date..:** 12/19/07
Prep Batch #...: 7351326
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 30

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	47	(25 - 124)			SW846 8270C
	57	(25 - 124)	20	(0-30)	SW846 8270C
Pyridine	23	(10 - 110)			SW846 8270C
	31	(10 - 110)	29	(0-30)	SW846 8270C
Acenaphthene	**59**	**(10 - 200)**			**SW846 8270C**
	47	**(10 - 200)**	**18**	**(0-30)**	**SW846 8270C**
Acenaphthylene	63	(10 - 200)			SW846 8270C
	61	(10 - 200)	1.8	(0-30)	SW846 8270C
Acetophenone	47 a	(50 - 130)			SW846 8270C
	54	(50 - 130)	15	(0-30)	SW846 8270C
Anthracene	70	(10 - 200)			SW846 8270C
	60	(10 - 200)	13	(0-30)	SW846 8270C
Atrazine	77	(50 - 130)			SW846 8270C
	77	(50 - 130)	0.30	(0-30)	SW846 8270C
Benzo(a)anthracene	73	(10 - 200)			SW846 8270C
	56	(10 - 200)	20	(0-30)	SW846 8270C
Benzo(a)pyrene	67	(10 - 200)			SW846 8270C
	55	(10 - 200)	15	(0-30)	SW846 8270C
Benzo(b)fluoranthene	67	(10 - 200)			SW846 8270C
	52	(10 - 200)	17	(0-30)	SW846 8270C
Benzo(ghi)perylene	65	(10 - 200)			SW846 8270C
	61	(10 - 200)	4.9	(0-30)	SW846 8270C
Benzo(k)fluoranthene	77	(10 - 200)			SW846 8270C
	63	(10 - 200)	18	(0-30)	SW846 8270C
Benzaldehyde	44	(10 - 130)			SW846 8270C
	57	(10 - 130)	25	(0-30)	SW846 8270C
1,1'-Biphenyl	49 a	(50 - 130)			SW846 8270C
	40 a	(50 - 130)	15	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	52	(36 - 110)			SW846 8270C
	58	(36 - 110)	11	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	52	(32 - 118)			SW846 8270C
	51	(32 - 118)	1.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	51	(10 - 200)			SW846 8270C
	35	(10 - 200)	8.4	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	70	(44 - 120)			SW846 8270C
	67	(44 - 120)	4.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	75	(43 - 138)			SW846 8270C
	72	(43 - 138)	3.8	(0-30)	SW846 8270C
Caprolactam	72	(50 - 130)			SW846 8270C
	65	(50 - 130)	11	(0-30)	SW846 8270C
Carbazole	71	(10 - 162)			SW846 8270C
	60	(10 - 162)	15	(0-30)	SW846 8270C
4-Chloroaniline	45	(11 - 110)			SW846 8270C
	44	(11 - 110)	0.48	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**68**	**(32 - 117)**			**SW846 8270C**
	61	**(32 - 117)**	**11**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	59	(40 - 110)			SW846 8270C
	60	(40 - 110)	2.8	(0-30)	SW846 8270C
2-Chlorophenol	**46**	**(32 - 110)**			**SW846 8270C**
	54	**(32 - 110)**	**16**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	66	(47 - 116)			SW846 8270C
	60	(47 - 116)	8.6	(0-30)	SW846 8270C
Chrysene	68	(10 - 200)			SW846 8270C
	54	(10 - 200)	16	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	66	(10 - 200)			SW846 8270C
	63	(10 - 200)	3.0	(0-30)	SW846 8270C
Dibenzofuran	62	(10 - 200)			SW846 8270C
	55	(10 - 200)	11	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	25	(10 - 110)			SW846 8270C
	25	(10 - 110)	0.17	(0-30)	SW846 8270C
2,4-Dichlorophenol	62	(33 - 110)			SW846 8270C
	57	(33 - 110)	8.7	(0-30)	SW846 8270C
Diethyl phthalate	69	(48 - 118)			SW846 8270C
	63	(48 - 118)	9.0	(0-30)	SW846 8270C
2,4-Dimethylphenol	57	(19 - 114)			SW846 8270C
	58	(19 - 114)	1.7	(0-30)	SW846 8270C
Dimethyl phthalate	69	(47 - 116)			SW846 8270C
	64	(47 - 116)	7.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	72	(31 - 145)			SW846 8270C
	65	(31 - 145)	9.6	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	49	(10 - 110)			SW846 8270C
	46	(10 - 110)	4.8	(0-30)	SW846 8270C
2,4-Dinitrophenol	42	(10 - 110)			SW846 8270C
	40	(10 - 110)	3.7	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**77**	**(42 - 118)**			**SW846 8270C**
	69	**(42 - 118)**	**11**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	74	(28 - 137)			SW846 8270C
	71	(28 - 137)	4.6	(0-30)	SW846 8270C
Di-n-octyl phthalate	85	(10 - 182)			SW846 8270C
	73	(10 - 182)	15	(0-30)	SW846 8270C
Fluoranthene	81	(10 - 200)			SW846 8270C
	43 p	(10 - 200)	35	(0-30)	SW846 8270C
Fluorene	65	(10 - 187)			SW846 8270C
	51	(10 - 187)	20	(0-30)	SW846 8270C
Hexachlorobenzene	65	(37 - 122)			SW846 8270C
	59	(37 - 122)	9.8	(0-30)	SW846 8270C
Hexachlorobutadiene	45	(30 - 110)			SW846 8270C
	56	(30 - 110)	21	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	0.0 a	(10 - 110)			SW846 8270C
	11 p	(10 - 110)	200	(0-30)	SW846 8270C
Hexachloroethane	36	(13 - 110)			SW846 8270C
	52 p	(13 - 110)	37	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	63	(10 - 200)			SW846 8270C
	60	(10 - 200)	4.2	(0-30)	SW846 8270C
Isophorone	61	(32 - 129)			SW846 8270C
	66	(32 - 129)	9.3	(0-30)	SW846 8270C
2-Methylnaphthalene	58	(10 - 200)			SW846 8270C
	60	(10 - 200)	3.6	(0-30)	SW846 8270C
2-Methylphenol	56	(19 - 124)			SW846 8270C
	55	(19 - 124)	0.08	(0-30)	SW846 8270C
4-Methylphenol	59	(27 - 116)			SW846 8270C
	58	(27 - 116)	1.2	(0-30)	SW846 8270C
Naphthalene	46	(10 - 200)			SW846 8270C
	53	(10 - 200)	12	(0-30)	SW846 8270C
2-Nitroaniline	75	(31 - 141)			SW846 8270C
	70	(31 - 141)	5.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	63	(24 - 110)			SW846 8270C
	60	(24 - 110)	4.9	(0-30)	SW846 8270C
4-Nitroaniline	64	(23 - 124)			SW846 8270C
	60	(23 - 124)	6.1	(0-30)	SW846 8270C
Nitrobenzene	51	(33 - 111)			SW846 8270C
	59	(33 - 111)	16	(0-30)	SW846 8270C
2-Nitrophenol	49	(17 - 110)			SW846 8270C
	57	(17 - 110)	15	(0-30)	SW846 8270C
4-Nitrophenol	**66**	**(10 - 125)**			**SW846 8270C**
	60	**(10 - 125)**	**9.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**54**	**(30 - 121)**			**SW846 8270C**
	63	**(30 - 121)**	**16**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	72	(10 - 169)			SW846 8270C
	68	(10 - 169)	5.1	(0-30)	SW846 8270C
Pentachlorophenol	**58**	**(10 - 182)**			**SW846 8270C**
	51	**(10 - 182)**	**13**	**(0-30)**	**SW846 8270C**
Phenanthrene	75	(10 - 200)			SW846 8270C
	41 p	(10 - 200)	38	(0-30)	SW846 8270C
Phenol	**49**	**(10 - 144)**			**SW846 8270C**
	54	**(10 - 144)**	**10**	**(0-30)**	**SW846 8270C**
Pyrene	**76**	**(10 - 200)**			**SW846 8270C**
	52	**(10 - 200)**	**24**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	67	(32 - 112)			SW846 8270C
	62	(32 - 112)	7.7	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	62	(22 - 110)			SW846 8270C
	58	(22 - 110)	6.6	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
	60	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	76	(41 - 119)
	72	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD3MT1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L130212-008 KD3MT1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	49	(28 - 110)
	56	(28 - 110)
2-Fluorophenol	44	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)
	58	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7352511
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	520	ug/kg	69		SW846 8270C
	ND	760	540	ug/kg	72	3.7	SW846 8270C
Pyridine	ND	750	340	ug/kg	45		SW846 8270C
	ND	760	350	ug/kg	47	5.2	SW846 8270C
Acenaphthene	**ND**	**750**	**580**	**ug/kg**	**76**		**SW846 8270C**
	ND	**760**	**580**	**ug/kg**	**76**	**0.19**	**SW846 8270C**
Acenaphthylene	ND	750	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	77	1.3	SW846 8270C
Acetophenone	ND	750	520	ug/kg	69		SW846 8270C
	ND	760	520	ug/kg	69	0.18	SW846 8270C
Anthracene	ND	750	610	ug/kg	81		SW846 8270C
	ND	760	600	ug/kg	80	1.7	SW846 8270C
Atrazine	ND	750	730	ug/kg	97		SW846 8270C
	ND	760	700	ug/kg	92	5.0	SW846 8270C
Benzo(a)anthracene	ND	750	580	ug/kg	77		SW846 8270C
	ND	760	570	ug/kg	75	1.7	SW846 8270C
Benzo(a)pyrene	ND	750	550	ug/kg	73		SW846 8270C
	ND	760	540	ug/kg	72	1.2	SW846 8270C
Benzo(b)fluoranthene	ND	750	560	ug/kg	74		SW846 8270C
	ND	760	570	ug/kg	76	2.8	SW846 8270C
Benzo(ghi)perylene	ND	750	610	ug/kg	80		SW846 8270C
	ND	760	600	ug/kg	79	1.2	SW846 8270C
Benzo(k)fluoranthene	ND	750	620	ug/kg	82		SW846 8270C
	ND	760	580	ug/kg	77	7.1	SW846 8270C
Benzaldehyde	ND	750	510	ug/kg	68		SW846 8270C
	ND	760	530	ug/kg	70	3.3	SW846 8270C
1,1'-Biphenyl	ND	750	570	ug/kg	75		SW846 8270C
	ND	760	560	ug/kg	74	1.2	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	550	ug/kg	74		SW846 8270C
	ND	760	560	ug/kg	74	1.3	SW846 8270C
bis(2-Chloroethyl)-ether	ND	750	580	ug/kg	76		SW846 8270C
	ND	760	580	ug/kg	77	0.67	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	750	670	ug/kg	89		SW846 8270C
	ND	760	650	ug/kg	86	3.2	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	650	ug/kg	86		SW846 8270C
	ND	760	620	ug/kg	82	4.2	SW846 8270C
Butyl benzyl phthalate	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	610	ug/kg	80	3.1	SW846 8270C
Caprolactam	ND	750	570	ug/kg	75		SW846 8270C
	ND	760	570	ug/kg	76	0.58	SW846 8270C
Carbazole	ND	750	620	ug/kg	83		SW846 8270C
	ND	760	610	ug/kg	81	2.4	SW846 8270C
4-Chloroaniline	ND	750	480	ug/kg	64		SW846 8270C
	ND	760	470	ug/kg	62	3.0	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**550**	**ug/kg**	**73**		**SW846 8270C**
	ND	**760**	**540**	**ug/kg**	**71**	**2.9**	**SW846 8270C**
2-Chloronaphthalene	ND	750	560	ug/kg	74		SW846 8270C
	ND	760	560	ug/kg	74	1.0	SW846 8270C
2-Chlorophenol	**ND**	**750**	**490**	**ug/kg**	**65**		**SW846 8270C**
	ND	**760**	**480**	**ug/kg**	**63**	**2.2**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	620	ug/kg	82		SW846 8270C
	ND	760	590	ug/kg	79	3.7	SW846 8270C
Chrysene	ND	750	600	ug/kg	79		SW846 8270C
	ND	760	600	ug/kg	79	0.14	SW846 8270C
Dibenz(a,h)anthracene	ND	750	600	ug/kg	79		SW846 8270C
	ND	760	590	ug/kg	78	1.8	SW846 8270C
Dibenzofuran	ND	750	580	ug/kg	77		SW846 8270C
	ND	760	570	ug/kg	75	1.5	SW846 8270C
3,3'-Dichlorobenzidine	ND	750	450	ug/kg	60		SW846 8270C
	ND	760	440	ug/kg	58	3.0	SW846 8270C
2,4-Dichlorophenol	ND	750	570	ug/kg	75		SW846 8270C
	ND	760	570	ug/kg	75	0.10	SW846 8270C
Diethyl phthalate	ND	750	610	ug/kg	81		SW846 8270C
	ND	760	600	ug/kg	79	1.7	SW846 8270C
2,4-Dimethylphenol	ND	750	500	ug/kg	66		SW846 8270C
	ND	760	500	ug/kg	66	0.22	SW846 8270C
Dimethyl phthalate	ND	750	600	ug/kg	79		SW846 8270C
	ND	760	590	ug/kg	78	1.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	750	690	ug/kg	91		SW846 8270C
	ND	760	670	ug/kg	88	3.2	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	110	ug/kg	15		SW846 8270C
	ND	760	170	ug/kg	22 p	41	SW846 8270C
2,4-Dinitrophenol	ND	750	130	ug/kg	17		SW846 8270C
	ND	760	180	ug/kg	23	30	SW846 8270C
2,4-Dinitrotoluene	**ND**	**750**	**560**	**ug/kg**	**74**		**SW846 8270C**
	ND	**760**	**560**	**ug/kg**	**74**	**0.47**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	570	ug/kg	76		SW846 8270C
	ND	760	560	ug/kg	74	1.4	SW846 8270C
Di-n-octyl phthalate	ND	750	650	ug/kg	87		SW846 8270C
	ND	760	630	ug/kg	84	3.4	SW846 8270C
Fluoranthene	ND	750	640	ug/kg	85		SW846 8270C
	ND	760	630	ug/kg	84	1.4	SW846 8270C
Fluorene	ND	750	580	ug/kg	77		SW846 8270C
	ND	760	580	ug/kg	76	1.2	SW846 8270C
Hexachlorobenzene	ND	750	590	ug/kg	78		SW846 8270C
	ND	760	570	ug/kg	76	2.6	SW846 8270C
Hexachlorobutadiene	ND	750	600	ug/kg	80		SW846 8270C
	ND	760	620	ug/kg	81	2.5	SW846 8270C
Hexachlorocyclopenta-diene	ND	750	120	ug/kg	15		SW846 8270C
	ND	760	160	ug/kg	21	29	SW846 8270C
Hexachloroethane	ND	750	480	ug/kg	64		SW846 8270C
	ND	760	500	ug/kg	66	2.8	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	750	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	77	0.86	SW846 8270C
Isophorone	ND	750	600	ug/kg	80		SW846 8270C
	ND	760	610	ug/kg	81	1.6	SW846 8270C
2-Methylnaphthalene	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	620	ug/kg	83	0.93	SW846 8270C
2-Methylphenol	ND	750	520	ug/kg	69		SW846 8270C
	ND	760	540	ug/kg	72	3.2	SW846 8270C
4-Methylphenol	ND	1500	1000	ug/kg	69		SW846 8270C
	ND	1500	1000	ug/kg	69	0.91	SW846 8270C
Naphthalene	ND	750	540	ug/kg	71		SW846 8270C
	ND	760	550	ug/kg	73	2.8	SW846 8270C
2-Nitroaniline	ND	750	590	ug/kg	78		SW846 8270C
	ND	760	570	ug/kg	75	4.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	750	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	76	1.9	SW846 8270C
4-Nitroaniline	ND	750	630	ug/kg	83		SW846 8270C
	ND	760	650	ug/kg	85	3.1	SW846 8270C
Nitrobenzene	ND	750	510	ug/kg	68		SW846 8270C
	ND	760	530	ug/kg	70	3.2	SW846 8270C
2-Nitrophenol	ND	750	380	ug/kg	50		SW846 8270C
	ND	760	410	ug/kg	54	7.5	SW846 8270C
4-Nitrophenol	**ND**	**750**	**490**	**ug/kg**	**65**		**SW846 8270C**
	ND	**760**	**470**	**ug/kg**	**62**	**4.6**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**760**	**530**	**ug/kg**	**70**	**1.6**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	750	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	76	1.8	SW846 8270C
Pentachlorophenol	**ND**	**750**	**470**	**ug/kg**	**63**		**SW846 8270C**
	ND	**760**	**430**	**ug/kg**	**57**	**8.4**	**SW846 8270C**
Phenanthrene	ND	750	570	ug/kg	75		SW846 8270C
	ND	760	560	ug/kg	74	1.8	SW846 8270C
Phenol	**ND**	**750**	**480**	**ug/kg**	**64**		**SW846 8270C**
	ND	**760**	**470**	**ug/kg**	**63**	**1.5**	**SW846 8270C**
Pyrene	**ND**	**750**	**590**	**ug/kg**	**78**		**SW846 8270C**
	ND	**760**	**590**	**ug/kg**	**78**	**0.25**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	520	ug/kg	68		SW846 8270C
	ND	760	510	ug/kg	67	1.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	520	ug/kg	69		SW846 8270C
	ND	760	510	ug/kg	68	1.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
	70	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
	70	(34 - 110)
Terphenyl-d14	87	(41 - 119)
	87	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	64	(28 - 110)
	67	(28 - 110)
2-Fluorophenol	61	(26 - 110)
	66	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)
	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/26/07
Prep Batch #...: 7352511
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	69	(25 - 124)			SW846 8270C
	72	(25 - 124)	3.7	(0-30)	SW846 8270C
Pyridine	45	(10 - 110)			SW846 8270C
	47	(10 - 110)	5.2	(0-30)	SW846 8270C
Acenaphthene	**76**	**(10 - 200)**			**SW846 8270C**
	76	**(10 - 200)**	**0.19**	**(0-30)**	**SW846 8270C**
Acenaphthylene	78	(10 - 200)			SW846 8270C
	77	(10 - 200)	1.3	(0-30)	SW846 8270C
Acetophenone	69	(50 - 130)			SW846 8270C
	69	(50 - 130)	0.18	(0-30)	SW846 8270C
Anthracene	81	(10 - 200)			SW846 8270C
	80	(10 - 200)	1.7	(0-30)	SW846 8270C
Atrazine	97	(50 - 130)			SW846 8270C
	92	(50 - 130)	5.0	(0-30)	SW846 8270C
Benzo(a)anthracene	77	(10 - 200)			SW846 8270C
	75	(10 - 200)	1.7	(0-30)	SW846 8270C
Benzo(a)pyrene	73	(10 - 200)			SW846 8270C
	72	(10 - 200)	1.2	(0-30)	SW846 8270C
Benzo(b)fluoranthene	74	(10 - 200)			SW846 8270C
	76	(10 - 200)	2.8	(0-30)	SW846 8270C
Benzo(ghi)perylene	80	(10 - 200)			SW846 8270C
	79	(10 - 200)	1.2	(0-30)	SW846 8270C
Benzo(k)fluoranthene	82	(10 - 200)			SW846 8270C
	77	(10 - 200)	7.1	(0-30)	SW846 8270C
Benzaldehyde	68	(10 - 130)			SW846 8270C
	70	(10 - 130)	3.3	(0-30)	SW846 8270C
1,1'-Biphenyl	75	(50 - 130)			SW846 8270C
	74	(50 - 130)	1.2	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(36 - 110)			SW846 8270C
	74	(36 - 110)	1.3	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	76	(32 - 118)			SW846 8270C
	77	(32 - 118)	0.67	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	89	(10 - 200)			SW846 8270C
	86	(10 - 200)	3.2	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	86	(44 - 120)			SW846 8270C
	82	(44 - 120)	4.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	83	(43 - 138)			SW846 8270C
	80	(43 - 138)	3.1	(0-30)	SW846 8270C
Caprolactam	75	(50 - 130)			SW846 8270C
	76	(50 - 130)	0.58	(0-30)	SW846 8270C
Carbazole	83	(10 - 162)			SW846 8270C
	81	(10 - 162)	2.4	(0-30)	SW846 8270C
4-Chloroaniline	64	(11 - 110)			SW846 8270C
	62	(11 - 110)	3.0	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**73**	**(32 - 117)**			**SW846 8270C**
	71	**(32 - 117)**	**2.9**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	74	(40 - 110)			SW846 8270C
	74	(40 - 110)	1.0	(0-30)	SW846 8270C
2-Chlorophenol	**65**	**(32 - 110)**			**SW846 8270C**
	63	**(32 - 110)**	**2.2**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	82	(47 - 116)			SW846 8270C
	79	(47 - 116)	3.7	(0-30)	SW846 8270C
Chrysene	79	(10 - 200)			SW846 8270C
	79	(10 - 200)	0.14	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	79	(10 - 200)			SW846 8270C
	78	(10 - 200)	1.8	(0-30)	SW846 8270C
Dibenzofuran	77	(10 - 200)			SW846 8270C
	75	(10 - 200)	1.5	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	60	(10 - 110)			SW846 8270C
	58	(10 - 110)	3.0	(0-30)	SW846 8270C
2,4-Dichlorophenol	75	(33 - 110)			SW846 8270C
	75	(33 - 110)	0.10	(0-30)	SW846 8270C
Diethyl phthalate	81	(48 - 118)			SW846 8270C
	79	(48 - 118)	1.7	(0-30)	SW846 8270C
2,4-Dimethylphenol	66	(19 - 114)			SW846 8270C
	66	(19 - 114)	0.22	(0-30)	SW846 8270C
Dimethyl phthalate	79	(47 - 116)			SW846 8270C
	78	(47 - 116)	1.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	91	(31 - 145)			SW846 8270C
	88	(31 - 145)	3.2	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	15	(10 - 110)			SW846 8270C
	22 p	(10 - 110)	41	(0-30)	SW846 8270C
2,4-Dinitrophenol	17	(10 - 110)			SW846 8270C
	23	(10 - 110)	30	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**74**	**(42 - 118)**			**SW846 8270C**
	74	**(42 - 118)**	**0.47**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	76	(28 - 137)			SW846 8270C
	74	(28 - 137)	1.4	(0-30)	SW846 8270C
Di-n-octyl phthalate	87	(10 - 182)			SW846 8270C
	84	(10 - 182)	3.4	(0-30)	SW846 8270C
Fluoranthene	85	(10 - 200)			SW846 8270C
	84	(10 - 200)	1.4	(0-30)	SW846 8270C
Fluorene	77	(10 - 187)			SW846 8270C
	76	(10 - 187)	1.2	(0-30)	SW846 8270C
Hexachlorobenzene	78	(37 - 122)			SW846 8270C
	76	(37 - 122)	2.6	(0-30)	SW846 8270C
Hexachlorobutadiene	80	(30 - 110)			SW846 8270C
	81	(30 - 110)	2.5	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	15	(10 - 110)			SW846 8270C
	21	(10 - 110)	29	(0-30)	SW846 8270C
Hexachloroethane	64	(13 - 110)			SW846 8270C
	66	(13 - 110)	2.8	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	78	(10 - 200)			SW846 8270C
	77	(10 - 200)	0.86	(0-30)	SW846 8270C
Isophorone	80	(32 - 129)			SW846 8270C
	81	(32 - 129)	1.6	(0-30)	SW846 8270C
2-Methylnaphthalene	83	(10 - 200)			SW846 8270C
	83	(10 - 200)	0.93	(0-30)	SW846 8270C
2-Methylphenol	69	(19 - 124)			SW846 8270C
	72	(19 - 124)	3.2	(0-30)	SW846 8270C
4-Methylphenol	69	(27 - 116)			SW846 8270C
	69	(27 - 116)	0.91	(0-30)	SW846 8270C
Naphthalene	71	(10 - 200)			SW846 8270C
	73	(10 - 200)	2.8	(0-30)	SW846 8270C
2-Nitroaniline	78	(31 - 141)			SW846 8270C
	75	(31 - 141)	4.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	78	(24 - 110)			SW846 8270C
	76	(24 - 110)	1.9	(0-30)	SW846 8270C
4-Nitroaniline	83	(23 - 124)			SW846 8270C
	85	(23 - 124)	3.1	(0-30)	SW846 8270C
Nitrobenzene	68	(33 - 111)			SW846 8270C
	70	(33 - 111)	3.2	(0-30)	SW846 8270C
2-Nitrophenol	50	(17 - 110)			SW846 8270C
	54	(17 - 110)	7.5	(0-30)	SW846 8270C
4-Nitrophenol	**65**	**(10 - 125)**			**SW846 8270C**
	62	**(10 - 125)**	**4.6**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**69**	**(30 - 121)**			**SW846 8270C**
	70	**(30 - 121)**	**1.6**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	78	(10 - 169)			SW846 8270C
	76	(10 - 169)	1.8	(0-30)	SW846 8270C
Pentachlorophenol	**63**	**(10 - 182)**			**SW846 8270C**
	57	**(10 - 182)**	**8.4**	**(0-30)**	**SW846 8270C**
Phenanthrene	75	(10 - 200)			SW846 8270C
	74	(10 - 200)	1.8	(0-30)	SW846 8270C
Phenol	**64**	**(10 - 144)**			**SW846 8270C**
	63	**(10 - 144)**	**1.5**	**(0-30)**	**SW846 8270C**
Pyrene	**78**	**(10 - 200)**			**SW846 8270C**
	78	**(10 - 200)**	**0.25**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	68	(32 - 112)			SW846 8270C
	67	(32 - 112)	1.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	69	(22 - 110)			SW846 8270C
	68	(22 - 110)	1.6	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
	70	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
	70	(34 - 110)
Terphenyl-d14	87	(41 - 119)
	87	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD4A1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-005 KDD4A1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	64	(28 - 110)
	67	(28 - 110)
2-Fluorophenol	61	(26 - 110)
	66	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)
	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
Prep Date.....: 12/28/07 **Analysis Date..:** 01/03/08
Prep Batch #...: 7362058
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	760	450	ug/kg	58		SW846 8270C
	ND	760	460	ug/kg	60	3.2	SW846 8270C
Pyridine	ND	760	230	ug/kg	30		SW846 8270C
	ND	760	240	ug/kg	31	4.0	SW846 8270C
Acenaphthene	**ND**	**760**	**570**	**ug/kg**	**75**		**SW846 8270C**
	ND	**760**	**520**	**ug/kg**	**68**	**10**	**SW846 8270C**
Acenaphthylene	ND	760	590	ug/kg	77		SW846 8270C
	ND	760	530	ug/kg	70	11	SW846 8270C
Acetophenone	ND	760	490	ug/kg	64		SW846 8270C
	ND	760	480	ug/kg	63	2.5	SW846 8270C
Anthracene	ND	760	640	ug/kg	83		SW846 8270C
	ND	760	620	ug/kg	82	2.3	SW846 8270C
Atrazine	ND	760	760	ug/kg	100		SW846 8270C
	ND	760	760	ug/kg	100	0.26	SW846 8270C
Benzo(a)anthracene	ND	760	620	ug/kg	82		SW846 8270C
	ND	760	600	ug/kg	79	3.5	SW846 8270C
Benzo(a)pyrene	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	580	ug/kg	77	2.6	SW846 8270C
Benzo(b)fluoranthene	ND	760	630	ug/kg	83		SW846 8270C
	ND	760	610	ug/kg	80	4.3	SW846 8270C
Benzo(ghi)perylene	ND	760	630	ug/kg	83		SW846 8270C
	ND	760	620	ug/kg	81	2.3	SW846 8270C
Benzo(k)fluoranthene	ND	760	600	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	76	3.3	SW846 8270C
Benzaldehyde	ND	760	480	ug/kg	63		SW846 8270C
	ND	760	500	ug/kg	66	4.2	SW846 8270C
1,1'-Biphenyl	ND	760	560	ug/kg	73		SW846 8270C
	ND	760	510	ug/kg	67	8.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	500	ug/kg	66	5.5	SW846 8270C
bis(2-Chloroethyl)-ether	ND	760	440	ug/kg	57		SW846 8270C
	ND	760	480	ug/kg	63	10	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	40	760	700	ug/kg	87		SW846 8270C
	40	760	720	ug/kg	89	1.7	SW846 8270C
4-Bromophenyl phenyl ether	ND	760	640	ug/kg	83		SW846 8270C
	ND	760	620	ug/kg	81	2.5	SW846 8270C
Butyl benzyl phthalate	ND	760	690	ug/kg	90		SW846 8270C
	ND	760	690	ug/kg	91	0.52	SW846 8270C
Caprolactam	ND	760	570	ug/kg	75		SW846 8270C
	ND	760	610	ug/kg	80	6.4	SW846 8270C
Carbazole	ND	760	650	ug/kg	85		SW846 8270C
	ND	760	640	ug/kg	84	1.8	SW846 8270C
4-Chloroaniline	ND	760	400	ug/kg	52		SW846 8270C
	ND	760	410	ug/kg	53	2.5	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**760**	**560**	**ug/kg**	**73**		**SW846 8270C**
	ND	**760**	**520**	**ug/kg**	**68**	**7.0**	**SW846 8270C**
2-Chloronaphthalene	ND	760	550	ug/kg	72		SW846 8270C
	ND	760	500	ug/kg	66	10	SW846 8270C
2-Chlorophenol	**ND**	**760**	**470**	**ug/kg**	**61**		**SW846 8270C**
	ND	**760**	**450**	**ug/kg**	**59**	**3.7**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	760	630	ug/kg	82		SW846 8270C
	ND	760	600	ug/kg	79	4.3	SW846 8270C
Chrysene	ND	760	610	ug/kg	80		SW846 8270C
	ND	760	600	ug/kg	79	2.5	SW846 8270C
Dibenz(a,h)anthracene	ND	760	630	ug/kg	83		SW846 8270C
	ND	760	620	ug/kg	82	1.8	SW846 8270C
Dibenzofuran	ND	760	600	ug/kg	78		SW846 8270C
	ND	760	550	ug/kg	72	8.7	SW846 8270C
3,3'-Dichlorobenzidine	ND	760	430	ug/kg	57		SW846 8270C
	ND	760	420	ug/kg	55	3.4	SW846 8270C
2,4-Dichlorophenol	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	490	ug/kg	65	9.5	SW846 8270C
Diethyl phthalate	ND	760	620	ug/kg	82		SW846 8270C
	ND	760	620	ug/kg	81	1.2	SW846 8270C
2,4-Dimethylphenol	ND	760	500	ug/kg	66		SW846 8270C
	ND	760	440	ug/kg	58	13	SW846 8270C
Dimethyl phthalate	ND	760	630	ug/kg	82		SW846 8270C
	ND	760	610	ug/kg	80	3.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	760	710	ug/kg	93		SW846 8270C
	ND	760	730	ug/kg	96	2.7	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	760	270	ug/kg	35		SW846 8270C
	ND	760	330	ug/kg	43	21	SW846 8270C
2,4-Dinitrophenol	ND	760	180	ug/kg	23		SW846 8270C
	ND	760	280	ug/kg	36 p	42	SW846 8270C
2,4-Dinitrotoluene	**ND**	**760**	**690**	**ug/kg**	**90**		**SW846 8270C**
	ND	**760**	**660**	**ug/kg**	**87**	**3.7**	**SW846 8270C**
2,6-Dinitrotoluene	ND	760	690	ug/kg	91		SW846 8270C
	ND	760	660	ug/kg	87	5.1	SW846 8270C
Di-n-octyl phthalate	ND	760	690	ug/kg	90		SW846 8270C
	ND	760	700	ug/kg	91	1.0	SW846 8270C
Fluoranthene	ND	760	690	ug/kg	90		SW846 8270C
	ND	760	670	ug/kg	88	2.0	SW846 8270C
Fluorene	ND	760	590	ug/kg	77		SW846 8270C
	ND	760	550	ug/kg	71	7.6	SW846 8270C
Hexachlorobenzene	ND	760	590	ug/kg	77		SW846 8270C
	ND	760	580	ug/kg	76	1.5	SW846 8270C
Hexachlorobutadiene	ND	760	530	ug/kg	69		SW846 8270C
	ND	760	530	ug/kg	70	0.52	SW846 8270C
Hexachlorocyclopenta-diene	ND	760	430	ug/kg	57		SW846 8270C
	ND	760	400	ug/kg	52	8.4	SW846 8270C
Hexachloroethane	ND	760	450	ug/kg	59		SW846 8270C
	ND	760	470	ug/kg	62	4.7	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	760	640	ug/kg	84		SW846 8270C
	ND	760	630	ug/kg	82	2.1	SW846 8270C
Isophorone	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	540	ug/kg	71	7.8	SW846 8270C
2-Methylnaphthalene	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	550	ug/kg	72	5.3	SW846 8270C
2-Methylphenol	ND	760	480	ug/kg	63		SW846 8270C
	ND	760	470	ug/kg	61	3.4	SW846 8270C
4-Methylphenol	ND	1500	1000	ug/kg	66		SW846 8270C
	ND	1500	950	ug/kg	62	6.9	SW846 8270C
Naphthalene	ND	760	500	ug/kg	66		SW846 8270C
	ND	760	490	ug/kg	65	2.4	SW846 8270C
2-Nitroaniline	ND	760	650	ug/kg	86		SW846 8270C
	ND	760	610	ug/kg	80	6.9	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	760	610	ug/kg	80		SW846 8270C
	ND	760	580	ug/kg	76	5.5	SW846 8270C
4-Nitroaniline	ND	760	630	ug/kg	83		SW846 8270C
	ND	760	600	ug/kg	79	4.5	SW846 8270C
Nitrobenzene	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	490	ug/kg	64	5.2	SW846 8270C
2-Nitrophenol	ND	760	500	ug/kg	65		SW846 8270C
	ND	760	480	ug/kg	63	3.2	SW846 8270C
4-Nitrophenol	**ND**	**760**	**580**	**ug/kg**	**76**		**SW846 8270C**
	ND	**760**	**570**	**ug/kg**	**74**	**2.4**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**760**	**530**	**ug/kg**	**70**		**SW846 8270C**
	ND	**760**	**520**	**ug/kg**	**68**	**2.3**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	760	600	ug/kg	78		SW846 8270C
	ND	760	590	ug/kg	77	1.9	SW846 8270C
Pentachlorophenol	**ND**	**760**	**370**	**ug/kg**	**48**		**SW846 8270C**
	ND	**760**	**420**	**ug/kg**	**55**	**13**	**SW846 8270C**
Phenanthrene	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	590	ug/kg	78	1.0	SW846 8270C
Phenol	**ND**	**760**	**480**	**ug/kg**	**63**		**SW846 8270C**
	ND	**760**	**440**	**ug/kg**	**58**	**8.3**	**SW846 8270C**
Pyrene	**ND**	**760**	**610**	**ug/kg**	**79**		**SW846 8270C**
	ND	**760**	**600**	**ug/kg**	**78**	**1.6**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	520	ug/kg	68	4.7	SW846 8270C
2,4,6-Trichloro-phenol	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	510	ug/kg	67	13	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
	64	(24 - 112)
2-Fluorobiphenyl	72	(34 - 110)
	64	(34 - 110)
Terphenyl-d14	89	(41 - 119)
	85	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	63	(28 - 110)
	56	(28 - 110)
2-Fluorophenol	59	(26 - 110)
	58	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)
	76	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
Prep Date.....: 12/28/07 **Analysis Date..:** 01/03/08
Prep Batch #...: 7362058
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	58	(25 - 124)			SW846 8270C
	60	(25 - 124)	3.2	(0-30)	SW846 8270C
Pyridine	30	(10 - 110)			SW846 8270C
	31	(10 - 110)	4.0	(0-30)	SW846 8270C
Acenaphthene	**75**	**(10 - 200)**			**SW846 8270C**
	68	**(10 - 200)**	**10**	**(0-30)**	**SW846 8270C**
Acenaphthylene	77	(10 - 200)			SW846 8270C
	70	(10 - 200)	11	(0-30)	SW846 8270C
Acetophenone	64	(50 - 130)			SW846 8270C
	63	(50 - 130)	2.5	(0-30)	SW846 8270C
Anthracene	83	(10 - 200)			SW846 8270C
	82	(10 - 200)	2.3	(0-30)	SW846 8270C
Atrazine	100	(50 - 130)			SW846 8270C
	100	(50 - 130)	0.26	(0-30)	SW846 8270C
Benzo(a)anthracene	82	(10 - 200)			SW846 8270C
	79	(10 - 200)	3.5	(0-30)	SW846 8270C
Benzo(a)pyrene	79	(10 - 200)			SW846 8270C
	77	(10 - 200)	2.6	(0-30)	SW846 8270C
Benzo(b)fluoranthene	83	(10 - 200)			SW846 8270C
	80	(10 - 200)	4.3	(0-30)	SW846 8270C
Benzo(ghi)perylene	83	(10 - 200)			SW846 8270C
	81	(10 - 200)	2.3	(0-30)	SW846 8270C
Benzo(k)fluoranthene	78	(10 - 200)			SW846 8270C
	76	(10 - 200)	3.3	(0-30)	SW846 8270C
Benzaldehyde	63	(10 - 130)			SW846 8270C
	66	(10 - 130)	4.2	(0-30)	SW846 8270C
1,1'-Biphenyl	73	(50 - 130)			SW846 8270C
	67	(50 - 130)	8.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	70	(36 - 110)			SW846 8270C
	66	(36 - 110)	5.5	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	57	(32 - 118)			SW846 8270C
	63	(32 - 118)	10	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	87	(10 - 200)			SW846 8270C
	89	(10 - 200)	1.7	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	83	(44 - 120)			SW846 8270C
	81	(44 - 120)	2.5	(0-30)	SW846 8270C
Butyl benzyl phthalate	90	(43 - 138)			SW846 8270C
	91	(43 - 138)	0.52	(0-30)	SW846 8270C
Caprolactam	75	(50 - 130)			SW846 8270C
	80	(50 - 130)	6.4	(0-30)	SW846 8270C
Carbazole	85	(10 - 162)			SW846 8270C
	84	(10 - 162)	1.8	(0-30)	SW846 8270C
4-Chloroaniline	52	(11 - 110)			SW846 8270C
	53	(11 - 110)	2.5	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**73**	**(32 - 117)**			**SW846 8270C**
	68	**(32 - 117)**	**7.0**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	72	(40 - 110)			SW846 8270C
	66	(40 - 110)	10	(0-30)	SW846 8270C
2-Chlorophenol	**61**	**(32 - 110)**			**SW846 8270C**
	59	**(32 - 110)**	**3.7**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	82	(47 - 116)			SW846 8270C
	79	(47 - 116)	4.3	(0-30)	SW846 8270C
Chrysene	80	(10 - 200)			SW846 8270C
	79	(10 - 200)	2.5	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	83	(10 - 200)			SW846 8270C
	82	(10 - 200)	1.8	(0-30)	SW846 8270C
Dibenzofuran	78	(10 - 200)			SW846 8270C
	72	(10 - 200)	8.7	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	57	(10 - 110)			SW846 8270C
	55	(10 - 110)	3.4	(0-30)	SW846 8270C
2,4-Dichlorophenol	71	(33 - 110)			SW846 8270C
	65	(33 - 110)	9.5	(0-30)	SW846 8270C
Diethyl phthalate	82	(48 - 118)			SW846 8270C
	81	(48 - 118)	1.2	(0-30)	SW846 8270C
2,4-Dimethylphenol	66	(19 - 114)			SW846 8270C
	58	(19 - 114)	13	(0-30)	SW846 8270C
Dimethyl phthalate	82	(47 - 116)			SW846 8270C
	80	(47 - 116)	3.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	93	(31 - 145)			SW846 8270C
	96	(31 - 145)	2.7	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	35	(10 - 110)			SW846 8270C
	43	(10 - 110)	21	(0-30)	SW846 8270C
2,4-Dinitrophenol	23	(10 - 110)			SW846 8270C
	36 p	(10 - 110)	42	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**90**	**(42 - 118)**			**SW846 8270C**
	87	**(42 - 118)**	**3.7**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	91	(28 - 137)			SW846 8270C
	87	(28 - 137)	5.1	(0-30)	SW846 8270C
Di-n-octyl phthalate	90	(10 - 182)			SW846 8270C
	91	(10 - 182)	1.0	(0-30)	SW846 8270C
Fluoranthene	90	(10 - 200)			SW846 8270C
	88	(10 - 200)	2.0	(0-30)	SW846 8270C
Fluorene	77	(10 - 187)			SW846 8270C
	71	(10 - 187)	7.6	(0-30)	SW846 8270C
Hexachlorobenzene	77	(37 - 122)			SW846 8270C
	76	(37 - 122)	1.5	(0-30)	SW846 8270C
Hexachlorobutadiene	69	(30 - 110)			SW846 8270C
	70	(30 - 110)	0.52	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	57	(10 - 110)			SW846 8270C
	52	(10 - 110)	8.4	(0-30)	SW846 8270C
Hexachloroethane	59	(13 - 110)			SW846 8270C
	62	(13 - 110)	4.7	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	84	(10 - 200)			SW846 8270C
	82	(10 - 200)	2.1	(0-30)	SW846 8270C
Isophorone	77	(32 - 129)			SW846 8270C
	71	(32 - 129)	7.8	(0-30)	SW846 8270C
2-Methylnaphthalene	76	(10 - 200)			SW846 8270C
	72	(10 - 200)	5.3	(0-30)	SW846 8270C
2-Methylphenol	63	(19 - 124)			SW846 8270C
	61	(19 - 124)	3.4	(0-30)	SW846 8270C
4-Methylphenol	66	(27 - 116)			SW846 8270C
	62	(27 - 116)	6.9	(0-30)	SW846 8270C
Naphthalene	66	(10 - 200)			SW846 8270C
	65	(10 - 200)	2.4	(0-30)	SW846 8270C
2-Nitroaniline	86	(31 - 141)			SW846 8270C
	80	(31 - 141)	6.9	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	80	(24 - 110)			SW846 8270C
	76	(24 - 110)	5.5	(0-30)	SW846 8270C
4-Nitroaniline	83	(23 - 124)			SW846 8270C
	79	(23 - 124)	4.5	(0-30)	SW846 8270C
Nitrobenzene	68	(33 - 111)			SW846 8270C
	64	(33 - 111)	5.2	(0-30)	SW846 8270C
2-Nitrophenol	65	(17 - 110)			SW846 8270C
	63	(17 - 110)	3.2	(0-30)	SW846 8270C
4-Nitrophenol	**76**	**(10 - 125)**			**SW846 8270C**
	74	**(10 - 125)**	**2.4**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**70**	**(30 - 121)**			**SW846 8270C**
	68	**(30 - 121)**	**2.3**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	78	(10 - 169)			SW846 8270C
	77	(10 - 169)	1.9	(0-30)	SW846 8270C
Pentachlorophenol	**48**	**(10 - 182)**			**SW846 8270C**
	55	**(10 - 182)**	**13**	**(0-30)**	**SW846 8270C**
Phenanthrene	79	(10 - 200)			SW846 8270C
	78	(10 - 200)	1.0	(0-30)	SW846 8270C
Phenol	**63**	**(10 - 144)**			**SW846 8270C**
	58	**(10 - 144)**	**8.3**	**(0-30)**	**SW846 8270C**
Pyrene	**79**	**(10 - 200)**			**SW846 8270C**
	78	**(10 - 200)**	**1.6**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	71	(32 - 112)			SW846 8270C
	68	(32 - 112)	4.7	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	76	(22 - 110)			SW846 8270C
	67	(22 - 110)	13	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
	64	(24 - 112)
2-Fluorobiphenyl	72	(34 - 110)
	64	(34 - 110)
Terphenyl-d14	89	(41 - 119)
	85	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD381GH-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-004 KDD381GJ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	63	(28 - 110)
	56	(28 - 110)
2-Fluorophenol	59	(26 - 110)
	58	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)
	76	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

GC Semivolatiles

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD371A7 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	13
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	**340**	**37**	**ug/kg**	**17**
Aroclor 1254	ND	37	ug/kg	9.8
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	126	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

GC Semivolatiles

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD381A7 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
Prep Date.....: 12/16/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7349085
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	41	(10 - 196)
Decachlorobiphenyl	54	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

GC Semivolatiles

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A1AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	12
Aroclor 1221	ND	37	ug/kg	15
Aroclor 1232	ND	37	ug/kg	14
Aroclor 1242	ND	37	ug/kg	16
Aroclor 1248	ND	37	ug/kg	17
Aroclor 1254	ND	37	ug/kg	10
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	58	(10 - 196)
Decachlorobiphenyl	54	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

GC Semivolatiles

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C1AJ **Matrix.....:** SO
Date Sampled...: 12/03/07 10:45 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD83C1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L150000-085

Prep Date.....: 12/16/07 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 12/17/07 **Prep Batch #...:** 7349085
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
Decachlorobiphenyl	100	(10 - 199)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEC71AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L180000-510

Prep Date.....: 12/18/07 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 12/21/07 **Prep Batch #...:** 7352510
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	57	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD83C1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-085
Prep Date.....: 12/16/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7349085
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**250**	**ug/kg**	**76**	**SW846 8082**
Aroclor 1260	**330**	**280**	**ug/kg**	**85**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	105	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD83C1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-085
Prep Date.....: 12/16/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7349085
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**76**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**85**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	105	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEC71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-510
Prep Date.....: 12/18/07 **Analysis Date..:** 12/22/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**370**	**ug/kg**	**111**	**SW846 8082**
Aroclor 1260	**330**	**380**	**ug/kg**	**114**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
Decachlorobiphenyl	122	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KEEC71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L180000-510
Prep Date.....: 12/18/07 **Analysis Date..:** 12/22/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**111**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**114**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(10 - 196)
Decachlorobiphenyl	122	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD8WQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L150115-001 KD8WQ1AE-MSD
Date Sampled...: 12/14/07 14:11 **Date Received..:** 12/15/07
Prep Date.....: 12/16/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7349085
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 25

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**440**	**300**	**ug/kg**	**68**		**SW846 8082**
	ND	**440**	**370**	**ug/kg**	**84**	**21**	**SW846 8082**
Aroclor 1260	**ND**	**440**	**320**	**ug/kg**	**71**		**SW846 8082**
	ND	**440**	**380**	**ug/kg**	**85**	**18**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 196)
	77	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)
	101	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KD8WQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L150115-001 KD8WQ1AE-MSD
Date Sampled...: 12/14/07 14:11 **Date Received..:** 12/15/07
Prep Date.....: 12/16/07 **Analysis Date..:** 12/17/07
Prep Batch #...: 7349085
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 25

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**68**	**(10 - 199)**			**SW846 8082**
	84	**(10 - 199)**	**21**	**(0-30)**	**SW846 8082**
Aroclor 1260	**71**	**(10 - 199)**			**SW846 8082**
	85	**(10 - 199)**	**18**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 196)
	77	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)
	101	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD371CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-003 KDD371CC-MSD
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**390**	**ug/kg**	**106**		**SW846 8082**
	ND	**370**	**470**	**ug/kg**	**126**	**17**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**260**	**ug/kg**	**69**		**SW846 8082**
	ND	**370**	**300**	**ug/kg**	**80**	**15**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 196)
	80	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)
	114	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L040208 **Work Order #...:** KDD371CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L040208-003 KDD371CC-MSD
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
Prep Date.....: 12/18/07 **Analysis Date..:** 12/21/07
Prep Batch #...: 7352510
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**106**	**(10 - 199)**			**SW846 8082**
	126	**(10 - 199)**	**17**	**(0-30)**	**SW846 8082**
Aroclor 1260	**69**	**(10 - 199)**			**SW846 8082**
	80	**(10 - 199)**	**15**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(10 - 196)
	80	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)
	114	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

TOTAL Metals

Lot-Sample #...: A7L040208-003 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7353050						
Trivalent Chromium	**33.1**	**0.45**	**mg/kg**	**SW846 7196A**	**12/19-12/24/07**	**KDD371A9**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 7353051						
Silver	**0.18**	**0.089**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD371A2**
		Dilution Factor: 1		Analysis Time..: 23:41	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.018		
Aluminum	**10600**	**17.9**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AE**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 10.7		
Arsenic	**3.5**	**0.089**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD371A0**
		Dilution Factor: 1		Analysis Time..: 23:07	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.069		
Barium	**130 J**	**0.89**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AF**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.079		
Beryllium	**1.1**	**0.18**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AG**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.048		
Calcium	**131000 J**	**2230**	**mg/kg**	**SW846 6010B**	**12/19-12/26/07**	**KDD371AJ**
		Dilution Factor: 5		Analysis Time..: 19:25	Analyst ID.....: 002260	
		Instrument ID..: I6		MDL.....: 89.3		
Cadmium	**0.32**	**0.089**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AH**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.040		
Cobalt	**4.8**	**0.45**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AK**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

TOTAL Metals

Lot-Sample #...: A7L040208-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**33.8**	**0.45**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AV**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.22		
Copper	**19.0**	**0.89**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AL**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.83		
Iron	**11100**	**8.9**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AM**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 5.5		
Mercury	**0.027 B**	**0.045**	**mg/kg**	**SW846 7471A**	**12/19-12/20/07**	**KDD371AD**
		Dilution Factor: 1		Analysis Time..: 15:09	Analyst ID.....: 001086	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1380**	**447**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AR**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 6.9		
Magnesium	**24400 J**	**89.3**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AN**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 5.7		
Manganese	**921 J**	**0.89**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AP**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.083		
Sodium	**640 J**	**89.3**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AT**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 73.7		
Nickel	**10.4**	**0.89**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AQ**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.30		
Lead	**19.4**	**0.27**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AW**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

TOTAL Metals

Lot-Sample #...: A7L040208-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.13 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD371AX**
		Dilution Factor: 1		Analysis Time..: 23:41	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.027		
Selenium	**0.24**	**0.19**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD371A1**
		Dilution Factor: 1		Analysis Time..: 23:07	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.10		
Thallium	**0.10**	**0.089**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD371A3**
		Dilution Factor: 1		Analysis Time..: 23:07	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.015		
Vanadium	**24.5**	**0.89**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD371AU**
		Dilution Factor: 1		Analysis Time..: 03:33	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**38.9 J**	**0.89**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD371A4**
		Dilution Factor: 1		Analysis Time..: 23:07	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

TOTAL Metals

Lot-Sample #...: A7L040208-004 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7351041						
Trivalent Chromium	**15.3**	**0.46**	**mg/kg**	**SW846 7196A**	**12/17-12/18/07**	**KDD381A9**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 7351042						
Silver	**0.074 B**	**0.092**	**mg/kg**	**SW846 6020**	**12/17-12/19/07**	**KDD381A2**
		Dilution Factor: 1		Analysis Time..: 18:54	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.018		
Aluminum	**8520**	**18.3**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AE**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 11.0		
Arsenic	**3.2**	**0.092**	**mg/kg**	**SW846 6020**	**12/17-12/19/07**	**KDD381A0**
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.071		
Barium	**43.4 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AF**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.081		
Beryllium	**0.15 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AG**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.049		
Calcium	**85000**	**2290**	**mg/kg**	**SW846 6010B**	**12/17-12/19/07**	**KDD381AJ**
		Dilution Factor: 5		Analysis Time..: 09:57	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 91.7		
Cadmium	**0.12**	**0.092**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AH**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.041		
Cobalt	**7.5**	**0.46**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AK**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

TOTAL Metals

Lot-Sample #...: A7L040208-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**15.3**	**0.46**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AV**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**15.3**	**0.92**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AL**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.85		
Iron	**16400**	**9.2**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AM**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.6		
Potassium	**1950**	**459**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AR**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.1		
Magnesium	**14500 J**	**91.7**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AN**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.8		
Manganese	**352 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AP**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.085		
Sodium	**1210**	**91.7**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AT**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 75.7		
Nickel	**19.0**	**0.92**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AQ**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.31		
Lead	**6.3**	**0.28**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AW**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.22		
Antimony	**0.081 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/17-12/19/07**	**KDD381AX**
		Dilution Factor: 1		Analysis Time..: 18:54	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.028		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

TOTAL Metals

Lot-Sample #...: A7L040208-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	0.19	mg/kg	SW846 6020	12/17-12/19/07	KDD381A1
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.10		
Thallium	**0.20**	**0.092**	**mg/kg**	**SW846 6020**	**12/17-12/19/07**	**KDD381A3**
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.015		
Vanadium	**18.7**	**0.92**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KDD381AU**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**35.9**	**0.92**	**mg/kg**	**SW846 6020**	**12/17-12/19/07**	**KDD381A4**
		Dilution Factor: 1		Analysis Time..: 18:17	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.50		
Prep Batch #...: 7353047						
Mercury	ND	0.046	mg/kg	SW846 7471A	12/19-12/20/07	KDD382AD
		Dilution Factor: 1		Analysis Time..: 11:54	Analyst ID.....: 001086	
		Instrument ID..: H1		MDL.....: 0.017		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

TOTAL Metals

Lot-Sample #...: A7L040208-005 **Matrix.....:** SO
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7353050						
Trivalent Chromium	**13.4**	**0.45**	**mg/kg**	**SW846 7196A**	**12/19-12/24/07**	**KDD4A1AL**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 7353051						
Silver	**0.096**	**0.091**	**mg/kg**	**SW846 6020**	**12/19-12/20/07**	**KDD4A1AD**
		Dilution Factor: 1		Analysis Time..: 00:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.018		
Aluminum	**8320**	**18.1**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1AQ**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 10.9		
Arsenic	**5.3**	**0.091**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD4A1AA**
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.070		
Barium	**54.9 J**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1AR**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.081		
Beryllium	**0.19**	**0.18**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1AT**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.049		
Calcium	**80500 J**	**2270**	**mg/kg**	**SW846 6010B**	**12/19-12/26/07**	**KDD4A1AV**
		Dilution Factor: 5		Analysis Time..: 19:41	Analyst ID.....: 002260	
		Instrument ID..: I6		MDL.....: 90.7		
Cadmium	**0.29**	**0.091**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1AU**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.041		
Cobalt	**7.5**	**0.45**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1AW**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

TOTAL Metals

Lot-Sample #...: A7L040208-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**15.2**	**0.45**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A7**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**15.8**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1AX**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.84		
Iron	**19200**	**9.1**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A0**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 5.6		
Mercury	ND	0.045	mg/kg	SW846 7471A	12/19-12/20/07	KDD4A1AP
		Dilution Factor: 1		Analysis Time..: 15:13	Analyst ID.....: 001086	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1760**	**454**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A4**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 7.0		
Magnesium	**14700 J**	**90.7**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A1**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 5.8		
Manganese	**382 J**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A2**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.084		
Sodium	**1210 J**	**90.7**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A5**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 74.8		
Nickel	**21.6**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A3**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.31		
Lead	**6.7**	**0.27**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A8**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

TOTAL Metals

Lot-Sample #...: A7L040208-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.087 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/19-12/20/07**	**KDD4A1A9**
		Dilution Factor: 1		Analysis Time..: 00:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	12/19/07	KDD4A1AC
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.10		
Thallium	**0.24**	**0.091**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD4A1AE**
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.015		
Vanadium	**21.1**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4A1A6**
		Dilution Factor: 1		Analysis Time..: 03:49	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**38.6 J**	**0.91**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD4A1AF**
		Dilution Factor: 1		Analysis Time..: 23:20	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

TOTAL Metals

Lot-Sample #...: A7L040208-006 **Matrix.....:** SO
Date Sampled...: 12/03/07 10:45 **Date Received..:** 12/04/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7353050						
Trivalent Chromium	**11.1**	**0.45**	**mg/kg**	**SW846 7196A**	**12/19-12/24/07**	**KDD4C1AL**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 7353051						
Silver	**0.099**	**0.091**	**mg/kg**	**SW846 6020**	**12/19-12/20/07**	**KDD4C1AD**
		Dilution Factor: 1		Analysis Time..: 00:13	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.018		
Aluminum	**7230**	**18.2**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1AQ**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 10.9		
Arsenic	**6.5**	**0.091**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD4C1AA**
		Dilution Factor: 1		Analysis Time..: 23:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.071		
Barium	**34.9 J**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1AR**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.081		
Beryllium	**0.17 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1AT**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.049		
Calcium	**77200 J**	**2270**	**mg/kg**	**SW846 6010B**	**12/19-12/26/07**	**KDD4C1AV**
		Dilution Factor: 5		Analysis Time..: 20:01	Analyst ID.....: 002260	
		Instrument ID..: I6		MDL.....: 91.0		
Cadmium	**0.22**	**0.091**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1AU**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.041		
Cobalt	**6.1**	**0.45**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1AW**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

TOTAL Metals

Lot-Sample #...: A7L040208-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**11.9**	**0.45**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A7**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**13.1**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1AX**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.84		
Iron	**16100**	**9.1**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A0**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 5.6		
Mercury	ND	0.045	mg/kg	SW846 7471A	12/19-12/20/07	KDD4C1AP
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 001086	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1450**	**455**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A4**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 7.1		
Magnesium	**18200 J**	**91.0**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A1**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 5.8		
Manganese	**268 J**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A2**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.084		
Sodium	**625 J**	**91.0**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A5**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 75.1		
Nickel	**17.3**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A3**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.31		
Lead	**6.8**	**0.27**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A8**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

TOTAL Metals

Lot-Sample #...: A7L040208-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.079 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/19-12/20/07**	**KDD4C1A9**
		Dilution Factor: 1		Analysis Time..: 00:13	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	12/19/07	KDD4C1AC
		Dilution Factor: 1		Analysis Time..: 23:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.10		
Thallium	**0.17**	**0.091**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD4C1AE**
		Dilution Factor: 1		Analysis Time..: 23:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.015		
Vanadium	**15.9**	**0.91**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KDD4C1A6**
		Dilution Factor: 1		Analysis Time..: 03:54	Analyst ID.....: 001644	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**33.6 J**	**0.91**	**mg/kg**	**SW846 6020**	**12/19/07**	**KDD4C1AF**
		Dilution Factor: 1		Analysis Time..: 23:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L170000-042 **Prep Batch #...:** 7351042						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AC
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Antimony	ND	0.16	mg/kg	SW846 6020	12/17-12/19/07	KD92T1AV
		Dilution Factor: 1				
		Analysis Time..: 18:46	Analyst ID.....: 002260		Instrument ID..: I7	
Arsenic	ND	0.080	mg/kg	SW846 6020	12/17-12/19/07	KD92T1AW
		Dilution Factor: 1				
		Analysis Time..: 18:09	Analyst ID.....: 002260		Instrument ID..: I7	
Barium	**0.13 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KD92T1AD**
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AE
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Cadmium	ND	0.080	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AF
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	ND	400	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AG
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	0.40	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AT
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AH
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Copper	ND	0.80	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AJ
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	
Iron	ND	8.0	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AK
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.24	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AU
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	**5.2 B**	**80.0**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KD92T1AL**
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	**0.080 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/17-12/18/07**	**KD92T1AM**
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	0.80	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AN
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	ND	400	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AP
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Selenium	ND	0.17	mg/kg	SW846 6020	12/17-12/19/07	KD92T1AX
		Dilution Factor: 1				
		Analysis Time..: 18:09	Analyst ID.....: 002260	Instrument ID..: I7		
Silver	ND	0.080	mg/kg	SW846 6020	12/17-12/19/07	KD92T1A0
		Dilution Factor: 1				
		Analysis Time..: 18:46	Analyst ID.....: 002260	Instrument ID..: I7		
Sodium	ND	80.0	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AQ
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Thallium	ND	0.080	mg/kg	SW846 6020	12/17-12/19/07	KD92T1A1
		Dilution Factor: 1				
		Analysis Time..: 18:09	Analyst ID.....: 002260	Instrument ID..: I7		
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/17-12/18/07	KD92T1AR
		Dilution Factor: 1				
		Analysis Time..: 13:07	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	ND	0.80	mg/kg	SW846 6020	12/17-12/19/07	KD92T1A2
		Dilution Factor: 1				
		Analysis Time..: 18:09	Analyst ID.....: 002260	Instrument ID..: I7		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L190000-047 **Prep Batch #...:** 7353047						
Mercury	ND	0.040	mg/kg	SW846 7471A	12/19-12/20/07	KEEXD1AA
		Dilution Factor: 1				
		Analysis Time..: 11:30	Analyst ID.....: 001086		Instrument ID..: H1	
MB Lot-Sample #: A7L190000-051 **Prep Batch #...:** 7353051						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AC
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Antimony	ND	0.16	mg/kg	SW846 6020	12/19/07	KEEXP1AV
		Dilution Factor: 1				
		Analysis Time..: 23:32	Analyst ID.....: 002260		Instrument ID..: I7	
Arsenic	ND	0.080	mg/kg	SW846 6020	12/19/07	KEEXP1AW
		Dilution Factor: 1				
		Analysis Time..: 22:46	Analyst ID.....: 002260		Instrument ID..: I7	
Barium	**0.20 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KEEXP1AD**
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AE
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Cadmium	ND	0.080	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AF
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Calcium	**40.8 B**	**400**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KEEXP1AG**
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Chromium	ND	0.40	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AT
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AH
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Copper	ND	0.80	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AJ
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	ND	8.0	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AK
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Lead	ND	0.24	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AU
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Magnesium	**7.3 B**	**80.0**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KEEXP1AL**
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Manganese	**0.11 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KEEXP1AM**
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Mercury	ND	0.040	mg/kg	SW846 7471A	12/19-12/20/07	KEEXP1AA
		Dilution Factor: 1				
		Analysis Time..: 15:07	Analyst ID.....: 001086		Instrument ID..: H1	
Nickel	ND	0.80	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AN
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Potassium	ND	400	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AP
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Selenium	ND	0.17	mg/kg	SW846 6020	12/19/07	KEEXP1AX
		Dilution Factor: 1				
		Analysis Time..: 22:46	Analyst ID.....: 002260		Instrument ID..: I7	
Silver	ND	0.080	mg/kg	SW846 6020	12/19/07	KEEXP1A0
		Dilution Factor: 1				
		Analysis Time..: 23:32	Analyst ID.....: 002260		Instrument ID..: I7	
Sodium	**97.2**	**80.0**	**mg/kg**	**SW846 6010B**	**12/19-12/24/07**	**KEEXP1AQ**
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	
Thallium	ND	0.080	mg/kg	SW846 6020	12/19/07	KEEXP1A1
		Dilution Factor: 1				
		Analysis Time..: 22:46	Analyst ID.....: 002260		Instrument ID..: I7	
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/19-12/24/07	KEEXP1AR
		Dilution Factor: 1				
		Analysis Time..: 03:21	Analyst ID.....: 001644		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	**0.76 B**	**0.80**	**mg/kg**	**SW846 6020**	**12/19/07**	**KEEXP1A2**

Dilution Factor: 1
Analysis Time..: 22:46 Analyst ID.....: 002260 Instrument ID..: I7

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L170000-042 **Prep Batch #...:** 7351042							
Aluminum	200	191	mg/kg	95	SW846 6010B	12/17-12/18/07	KD92T1A4
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	200	188	mg/kg	94	SW846 6010B	12/17-12/18/07	KD92T1A5
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	5.0	4.7	mg/kg	93	SW846 6010B	12/17-12/18/07	KD92T1A6
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cadmium	5.0	4.9	mg/kg	97	SW846 6010B	12/17-12/18/07	KD92T1A7
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	5000	4780	mg/kg	96	SW846 6010B	12/17-12/18/07	KD92T1A8
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	50.0	47.8	mg/kg	96	SW846 6010B	12/17-12/18/07	KD92T1A9
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Copper	25.0	23.4	mg/kg	94	SW846 6010B	12/17-12/18/07	KD92T1CA
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	100	102	mg/kg	102	SW846 6010B	12/17-12/18/07	KD92T1CC
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	5000	4760	mg/kg	95	SW846 6010B	12/17-12/18/07	KD92T1CD
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	50.0	47.9	mg/kg	96	SW846 6010B	12/17-12/18/07	KD92T1CE
			Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	50.0	47.2	mg/kg	94	SW846 6010B	12/17-12/18/07	KD92T1CF
		Dilution Factor: 1		Analysis Time..: 13:12		Analyst ID.....: 001637	
		Instrument ID..: I6					
Potassium	5000	4970	mg/kg	99	SW846 6010B	12/17-12/18/07	KD92T1CG
		Dilution Factor: 1		Analysis Time..: 13:12		Analyst ID.....: 001637	
		Instrument ID..: I6					
Sodium	5000	4610	mg/kg	92	SW846 6010B	12/17-12/18/07	KD92T1CH
		Dilution Factor: 1		Analysis Time..: 13:12		Analyst ID.....: 001637	
		Instrument ID..: I6					
Vanadium	50.0	46.9	mg/kg	94	SW846 6010B	12/17-12/18/07	KD92T1CJ
		Dilution Factor: 1		Analysis Time..: 13:12		Analyst ID.....: 001637	
		Instrument ID..: I6					
Chromium	20.0	19.0	mg/kg	95	SW846 6010B	12/17-12/18/07	KD92T1CK
		Dilution Factor: 1		Analysis Time..: 13:12		Analyst ID.....: 001637	
		Instrument ID..: I6					
Lead	50.0	47.0	mg/kg	94	SW846 6010B	12/17-12/18/07	KD92T1CL
		Dilution Factor: 1		Analysis Time..: 13:12		Analyst ID.....: 001637	
		Instrument ID..: I6					
Antimony	50.0	50.0	mg/kg	100	SW846 6020	12/17-12/19/07	KD92T1CM
		Dilution Factor: 10		Analysis Time..: 18:49		Analyst ID.....: 002260	
		Instrument ID..: I7					
Arsenic	10.0	8.4	mg/kg	84	SW846 6020	12/17-12/19/07	KD92T1CN
		Dilution Factor: 1		Analysis Time..: 18:13		Analyst ID.....: 002260	
		Instrument ID..: I7					
Selenium	10.0	9.1	mg/kg	91	SW846 6020	12/17-12/19/07	KD92T1CP
		Dilution Factor: 1		Analysis Time..: 18:13		Analyst ID.....: 002260	
		Instrument ID..: I7					
Silver	5.0	5.2	mg/kg	104	SW846 6020	12/17-12/19/07	KD92T1CQ
		Dilution Factor: 10		Analysis Time..: 18:49		Analyst ID.....: 002260	
		Instrument ID..: I7					
Thallium	10.0	8.3	mg/kg	83	SW846 6020	12/17-12/19/07	KD92T1CR
		Dilution Factor: 1		Analysis Time..: 18:13		Analyst ID.....: 002260	
		Instrument ID..: I7					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	10.0	9.0	mg/kg	90	SW846 6020	12/17-12/19/07	KD92T1CT
		Dilution Factor: 1		Analysis Time..: 18:13		Analyst ID.....: 002260	
		Instrument ID..: I7					
LCS Lot-Sample#: A7L190000-047 **Prep Batch #...:** 7353047							
Mercury	0.83	0.95	mg/kg	114	SW846 7471A	12/19-12/20/07	KEEXD1AC
		Dilution Factor: 1		Analysis Time..: 11:31		Analyst ID.....: 001086	
		Instrument ID..: H1					
LCS Lot-Sample#: A7L190000-051 **Prep Batch #...:** 7353051							
Mercury	0.83	0.81	mg/kg	97	SW846 7471A	12/19-12/20/07	KEEXP1A3
		Dilution Factor: 1		Analysis Time..: 15:08		Analyst ID.....: 001086	
		Instrument ID..: H1					
Aluminum	200	180	mg/kg	90	SW846 6010B	12/19-12/24/07	KEEXP1A4
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Barium	200	182	mg/kg	91	SW846 6010B	12/19-12/24/07	KEEXP1A5
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Beryllium	5.0	4.6	mg/kg	92	SW846 6010B	12/19-12/24/07	KEEXP1A6
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Cadmium	5.0	4.7	mg/kg	94	SW846 6010B	12/19-12/24/07	KEEXP1A7
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Calcium	5000	4860	mg/kg	97	SW846 6010B	12/19-12/24/07	KEEXP1A8
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Cobalt	50.0	45.7	mg/kg	91	SW846 6010B	12/19-12/24/07	KEEXP1A9
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Copper	25.0	22.7	mg/kg	91	SW846 6010B	12/19-12/24/07	KEEXP1CA
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	100	101	mg/kg	101	SW846 6010B	12/19-12/24/07	KEEXP1CC
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Magnesium	5000	4840	mg/kg	97	SW846 6010B	12/19-12/24/07	KEEXP1CD
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Manganese	50.0	46.2	mg/kg	92	SW846 6010B	12/19-12/24/07	KEEXP1CE
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Nickel	50.0	46.4	mg/kg	93	SW846 6010B	12/19-12/24/07	KEEXP1CF
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Potassium	5000	4620	mg/kg	92	SW846 6010B	12/19-12/24/07	KEEXP1CG
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Sodium	5000	4590	mg/kg	92	SW846 6010B	12/19-12/24/07	KEEXP1CH
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Vanadium	50.0	46.6	mg/kg	93	SW846 6010B	12/19-12/24/07	KEEXP1CJ
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Chromium	20.0	18.9	mg/kg	95	SW846 6010B	12/19-12/24/07	KEEXP1CK
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Lead	50.0	44.9	mg/kg	90	SW846 6010B	12/19-12/24/07	KEEXP1CL
		Dilution Factor: 1		Analysis Time..: 03:26		Analyst ID.....: 001644	
		Instrument ID..: I6					
Antimony	50.0	43.8	mg/kg	88	SW846 6020	12/19/07	KEEXP1CM
		Dilution Factor: 10		Analysis Time..: 23:36		Analyst ID.....: 002260	
		Instrument ID..: I7					
Arsenic	10.0	7.7	mg/kg	77	SW846 6020	12/19/07	KEEXP1CN
		Dilution Factor: 1		Analysis Time..: 22:49		Analyst ID.....: 002260	
		Instrument ID..: I7					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	10.0	8.1	mg/kg	81	SW846 6020	12/19/07	KEEXP1CP
			Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 002260	
			Instrument ID..: I7				
Silver	5.0	5.1	mg/kg	101	SW846 6020	12/19/07	KEEXP1CQ
			Dilution Factor: 10		Analysis Time..: 23:36	Analyst ID.....: 002260	
			Instrument ID..: I7				
Thallium	10.0	7.8	mg/kg	78	SW846 6020	12/19/07	KEEXP1CR
			Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 002260	
			Instrument ID..: I7				
Zinc	10.0	8.3	mg/kg	83	SW846 6020	12/19/07	KEEXP1CT
			Dilution Factor: 1		Analysis Time..: 22:49	Analyst ID.....: 002260	
			Instrument ID..: I7				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L170000-042 **Prep Batch #...:** 7351042					
Aluminum	95	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1A4
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	94	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1A5
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	93	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1A6
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cadmium	97	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1A7
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	96	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1A8
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cobalt	96	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1A9
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Copper	94	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CA
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Iron	102	(73 - 137)	SW846 6010B	12/17-12/18/07	KD92T1CC
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Magnesium	95	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CD
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			
Manganese	96	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CE
		Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	94	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CF
	Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Potassium	99	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CG
	Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Sodium	92	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CH
	Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Vanadium	94	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CJ
	Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Chromium	95	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CK
	Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Lead	94	(80 - 120)	SW846 6010B	12/17-12/18/07	KD92T1CL
	Dilution Factor: 1	Analysis Time..: 13:12	Analyst ID.....: 001637		
	Instrument ID..: I6				
Antimony	100	(80 - 120)	SW846 6020	12/17-12/19/07	KD92T1CM
	Dilution Factor: 10	Analysis Time..: 18:49	Analyst ID.....: 002260		
	Instrument ID..: I7				
Arsenic	84	(73 - 110)	SW846 6020	12/17-12/19/07	KD92T1CN
	Dilution Factor: 1	Analysis Time..: 18:13	Analyst ID.....: 002260		
	Instrument ID..: I7				
Selenium	91	(73 - 110)	SW846 6020	12/17-12/19/07	KD92T1CP
	Dilution Factor: 1	Analysis Time..: 18:13	Analyst ID.....: 002260		
	Instrument ID..: I7				
Silver	104	(80 - 120)	SW846 6020	12/17-12/19/07	KD92T1CQ
	Dilution Factor: 10	Analysis Time..: 18:49	Analyst ID.....: 002260		
	Instrument ID..: I7				
Thallium	83	(71 - 110)	SW846 6020	12/17-12/19/07	KD92T1CR
	Dilution Factor: 1	Analysis Time..: 18:13	Analyst ID.....: 002260		
	Instrument ID..: I7				

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	90	(72 - 113)	SW846 6020	12/17-12/19/07	KD92T1CT
	Dilution Factor: 1	Analysis Time..: 18:13	Analyst ID.....: 002260		
	Instrument ID..: I7				
LCS Lot-Sample#: A7L190000-047 **Prep Batch #...:** 7353047					
Mercury	114	(81 - 116)	SW846 7471A	12/19-12/20/07	KEEXD1AC
	Dilution Factor: 1	Analysis Time..: 11:31	Analyst ID.....: 001086		
	Instrument ID..: H1				
LCS Lot-Sample#: A7L190000-051 **Prep Batch #...:** 7353051					
Mercury	97	(81 - 116)	SW846 7471A	12/19-12/20/07	KEEXP1A3
	Dilution Factor: 1	Analysis Time..: 15:08	Analyst ID.....: 001086		
	Instrument ID..: H1				
Aluminum	90	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1A4
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				
Barium	91	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1A5
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				
Beryllium	92	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1A6
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				
Cadmium	94	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1A7
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				
Calcium	97	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1A8
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				
Cobalt	91	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1A9
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				
Copper	91	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CA
	Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644		
	Instrument ID..: I6				

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	101	(73 - 137)	SW846 6010B	12/19-12/24/07	KEEXP1CC
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Magnesium	97	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CD
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Manganese	92	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CE
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Nickel	93	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CF
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Potassium	92	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CG
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Sodium	92	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CH
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Vanadium	93	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CJ
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Chromium	95	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CK
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Lead	90	(80 - 120)	SW846 6010B	12/19-12/24/07	KEEXP1CL
		Dilution Factor: 1	Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I6			
Antimony	88	(80 - 120)	SW846 6020	12/19/07	KEEXP1CM
		Dilution Factor: 10	Analysis Time..: 23:36	Analyst ID.....: 002260	
		Instrument ID..: I7			
Arsenic	77	(73 - 110)	SW846 6020	12/19/07	KEEXP1CN
		Dilution Factor: 1	Analysis Time..: 22:49	Analyst ID.....: 002260	
		Instrument ID..: I7			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	81	(73 - 110)	SW846 6020	12/19/07	KEEXP1CP
		Dilution Factor: 1	Analysis Time..: 22:49		Analyst ID.....: 002260
		Instrument ID..: I7			
Silver	101	(80 - 120)	SW846 6020	12/19/07	KEEXP1CQ
		Dilution Factor: 10	Analysis Time..: 23:36		Analyst ID.....: 002260
		Instrument ID..: I7			
Thallium	78	(71 - 110)	SW846 6020	12/19/07	KEEXP1CR
		Dilution Factor: 1	Analysis Time..: 22:49		Analyst ID.....: 002260
		Instrument ID..: I7			
Zinc	83	(72 - 113)	SW846 6020	12/19/07	KEEXP1CT
		Dilution Factor: 1	Analysis Time..: 22:49		Analyst ID.....: 002260
		Instrument ID..: I7			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L040208-004 **Prep Batch #...:** 7351042									
Aluminum									
	8520	229	8870	mg/kg			SW846 6010B	12/17-12/18/07	KDD381CD
			Qualifiers: NC,MSB						
	8520	229	11300	mg/kg			SW846 6010B	12/17-12/18/07	KDD381CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Antimony									
	0.081	57.3	21.1 N	mg/kg	37		SW846 6020	12/17-12/19/07	KDD381DF
	0.081	57.3	21.4 N	mg/kg	37	1.6	SW846 6020	12/17-12/19/07	KDD381DG
			Dilution Factor: 10						
			Analysis Time..: 19:02		Instrument ID..: I7			Analyst ID.....: 002260	
Arsenic									
	3.2	11.5	13.3	mg/kg	88		SW846 6020	12/17-12/19/07	KDD381DH
	3.2	11.5	12.0	mg/kg	77	10	SW846 6020	12/17-12/19/07	KDD381DJ
			Dilution Factor: 1						
			Analysis Time..: 18:24		Instrument ID..: I7			Analyst ID.....: 002260	
Barium									
	43.4	229	224	mg/kg	79		SW846 6010B	12/17-12/18/07	KDD381CF
	43.4	229	238	mg/kg	85	6.1	SW846 6010B	12/17-12/18/07	KDD381CG
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	0.15	5.7	4.7	mg/kg	79		SW846 6010B	12/17-12/18/07	KDD381CH
	0.15	5.7	4.8	mg/kg	81	1.8	SW846 6010B	12/17-12/18/07	KDD381CJ
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Cadmium									
	0.12	5.7	4.7	mg/kg	79		SW846 6010B	12/17-12/18/07	KDD381CK
	0.12	5.7	4.7	mg/kg	80	0.96	SW846 6010B	12/17-12/18/07	KDD381CL
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	85000	5730	93100	mg/kg			SW846 6010B	12/17-12/19/07	KDD381CM
			Qualifiers: NC,MSB						
	85000	5730	90000	mg/kg			SW846 6010B	12/17-12/19/07	KDD381CN
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 10:02		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	15.3	22.9	32.1 N	mg/kg	73		SW846 6010B	12/17-12/18/07	KDD381DA
	15.3	22.9	36.5	mg/kg	93	13	SW846 6010B	12/17-12/18/07	KDD381DC
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Cobalt									
	7.5	57.3	52.5	mg/kg	79		SW846 6010B	12/17-12/18/07	KDD381CP
	7.5	57.3	54.6	mg/kg	82	4.0	SW846 6010B	12/17-12/18/07	KDD381CQ
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Copper									
	15.3	28.7	38.0	mg/kg	79		SW846 6010B	12/17-12/18/07	KDD381CR
	15.3	28.7	41.0	mg/kg	90	7.4	SW846 6010B	12/17-12/18/07	KDD381CT
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Iron									
	16400	115	15800	mg/kg			SW846 6010B	12/17-12/18/07	KDD381CU
			Qualifiers: NC,MSB						
	16400	115	19300	mg/kg			SW846 6010B	12/17-12/18/07	KDD381CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Lead									
	6.3	57.3	51.0	mg/kg	78		SW846 6010B	12/17-12/18/07	KDD381DD
	6.3	57.3	52.5	mg/kg	81	2.8	SW846 6010B	12/17-12/18/07	KDD381DE
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Magnesium									
	14500	5730	18300 N	mg/kg	66		SW846 6010B	12/17-12/18/07	KDD381CW
	14500	5730	20400	mg/kg	101	10	SW846 6010B	12/17-12/18/07	KDD381CX
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	352	57.3	410	mg/kg			SW846 6010B	12/17-12/18/07	KDD381C0
			Qualifiers: NC,MSB						
	352	57.3	449	mg/kg			SW846 6010B	12/17-12/18/07	KDD381C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	19.0	57.3	62.8	mg/kg	76		SW846 6010B	12/17-12/18/07	KDD381C2
	19.0	57.3	67.2	mg/kg	84	6.8	SW846 6010B	12/17-12/18/07	KDD381C3
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	1950	5730	7100	mg/kg	90		SW846 6010B	12/17-12/18/07	KDD381C4
	1950	5730	7630	mg/kg	99	7.2	SW846 6010B	12/17-12/18/07	KDD381C5
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Selenium									
	ND	11.5	8.9	mg/kg	77		SW846 6020	12/17-12/19/07	KDD381DK
	ND	11.5	9.0	mg/kg	79	1.9	SW846 6020	12/17-12/19/07	KDD381DL
			Dilution Factor: 1						
			Analysis Time..: 18:24		Instrument ID..: I7			Analyst ID.....: 002260	
Silver									
	0.074	5.7	5.5	mg/kg	94		SW846 6020	12/17-12/19/07	KDD381DM
	0.074	5.7	5.5	mg/kg	95	0.89	SW846 6020	12/17-12/19/07	KDD381DN
			Dilution Factor: 10						
			Analysis Time..: 19:02		Instrument ID..: I7			Analyst ID.....: 002260	
Sodium									
	1210	5730	5770	mg/kg	80		SW846 6010B	12/17-12/18/07	KDD381C6
	1210	5730	6070	mg/kg	85	5.1	SW846 6010B	12/17-12/18/07	KDD381C7
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	0.20	11.5	9.0	mg/kg	76		SW846 6020	12/17-12/19/07	KDD381DP
	0.20	11.5	9.2	mg/kg	79	2.8	SW846 6020	12/17-12/19/07	KDD381DQ
			Dilution Factor: 1						
			Analysis Time..: 18:24		Instrument ID..: I7			Analyst ID.....: 002260	
Vanadium									
	18.7	57.3	64.6	mg/kg	80		SW846 6010B	12/17-12/18/07	KDD381C8
	18.7	57.3	70.6	mg/kg	91	8.9	SW846 6010B	12/17-12/18/07	KDD381C9
			Dilution Factor: 1						
			Analysis Time..: 15:01		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	35.9	11.5	44.5	mg/kg	75		SW846 6020	12/17-12/19/07	KDD381DR
	35.9	11.5	43.2	mg/kg	63	3.1	SW846 6020	12/17-12/19/07	KDD381DT

Dilution Factor: 1
Analysis Time..: 18:24 Instrument ID..: I7 Analyst ID.....: 002260

MS Lot-Sample #: A7L040208-004 **Prep Batch #...:** 7353047

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.19	0.24	mg/kg	124		SW846 7471A	12/19-12/20/07	KDD381GF
	ND	0.19	0.24	mg/kg	128	3.4	SW846 7471A	12/19-12/20/07	KDD381GG

Dilution Factor: 1
Analysis Time..: 11:57 Instrument ID..: H1 Analyst ID.....: 01086

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L040208-004 **Prep Batch #...:** 7351042							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/17-12/18/07	KDD381CE
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Antimony	37 N	(75 - 125)			SW846 6020	12/17-12/19/07	KDD381DF
	37 N	(75 - 125)	1.6	(0-20)	SW846 6020	12/17-12/19/07	KDD381DG
		Dilution Factor: 10					
		Analysis Time..: 19:02			Instrument ID..: I7	Analyst ID.....: 002260	
Arsenic	88	(23 - 131)			SW846 6020	12/17-12/19/07	KDD381DH
	77	(23 - 131)	10	(0-20)	SW846 6020	12/17-12/19/07	KDD381DJ
		Dilution Factor: 1					
		Analysis Time..: 18:24			Instrument ID..: I7	Analyst ID.....: 002260	
Barium	79	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CF
	85	(75 - 125)	6.1	(0-20)	SW846 6010B	12/17-12/18/07	KDD381CG
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Beryllium	79	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CH
	81	(75 - 125)	1.8	(0-20)	SW846 6010B	12/17-12/18/07	KDD381CJ
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Cadmium	79	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CK
	80	(75 - 125)	0.96	(0-20)	SW846 6010B	12/17-12/18/07	KDD381CL
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/17-12/19/07	KDD381CM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/17-12/19/07	KDD381CN
		Dilution Factor: 5					
		Analysis Time..: 10:02			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	73 N	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381DA
	93	(75 - 125)	13	(0-20)	SW846 6010B	12/17-12/18/07	KDD381DC
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	79	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CP
	82	(75 - 125)	4.0	(0-20)	SW846 6010B	12/17-12/18/07	KDD381CQ
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	79	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CR
	90	(75 - 125)	7.4	(0-20)	SW846 6010B	12/17-12/18/07	KDD381CT
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/17-12/18/07	KDD381CV
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Lead	78	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381DD
	81	(75 - 125)	2.8	(0-20)	SW846 6010B	12/17-12/18/07	KDD381DE
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	66 N	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381CW
	101	(75 - 125)	10	(0-20)	SW846 6010B	12/17-12/18/07	KDD381CX
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/17-12/18/07	KDD381C1
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	76	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381C2
	84	(75 - 125)	6.8	(0-20)	SW846 6010B	12/17-12/18/07	KDD381C3
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Potassium	90	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381C4
	99	(75 - 125)	7.2	(0-20)	SW846 6010B	12/17-12/18/07	KDD381C5
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	77	(39 - 116)			SW846 6020	12/17-12/19/07	KDD381DK
	79	(39 - 116)	1.9	(0-20)	SW846 6020	12/17-12/19/07	KDD381DL
		Dilution Factor: 1					
		Analysis Time..: 18:24			Instrument ID..: I7	Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	94	(75 - 125)			SW846 6020	12/17-12/19/07	KDD381DM
	95	(75 - 125)	0.89	(0-20)	SW846 6020	12/17-12/19/07	KDD381DN
		Dilution Factor: 10					
		Analysis Time..: 19:02			Instrument ID..: I7	Analyst ID.....: 002260	
Sodium	80	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381C6
	85	(75 - 125)	5.1	(0-20)	SW846 6010B	12/17-12/18/07	KDD381C7
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	76	(62 - 110)			SW846 6020	12/17-12/19/07	KDD381DP
	79	(62 - 110)	2.8	(0-20)	SW846 6020	12/17-12/19/07	KDD381DQ
		Dilution Factor: 1					
		Analysis Time..: 18:24			Instrument ID..: I7	Analyst ID.....: 002260	
Vanadium	80	(75 - 125)			SW846 6010B	12/17-12/18/07	KDD381C8
	91	(75 - 125)	8.9	(0-20)	SW846 6010B	12/17-12/18/07	KDD381C9
		Dilution Factor: 1					
		Analysis Time..: 15:01			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	75	(10 - 199)			SW846 6020	12/17-12/19/07	KDD381DR
	63	(10 - 199)	3.1	(0-20)	SW846 6020	12/17-12/19/07	KDD381DT
		Dilution Factor: 1					
		Analysis Time..: 18:24			Instrument ID..: I7	Analyst ID.....: 002260	

MS Lot-Sample #: A7L040208-004 **Prep Batch #...:** 7353047

Mercury	124	(11 - 192)			SW846 7471A	12/19-12/20/07	KDD381GF
	128	(11 - 192)	3.4	(0-20)	SW846 7471A	12/19-12/20/07	KDD381GG
		Dilution Factor: 1					
		Analysis Time..: 11:57			Instrument ID..: H1	Analyst ID.....: 01086	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L040208-003 **Prep Batch #...:** 7353051									
Aluminum									
	10600	223	12400	mg/kg			SW846 6010B	12/19-12/24/07	KDD371CF
			Qualifiers: NC,MSB						
	10600	223	11800	mg/kg			SW846 6010B	12/19-12/24/07	KDD371CG
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Antimony									
	0.13	55.8	20.7 N	mg/kg	37		SW846 6020	12/19/07	KDD371DH
	0.13	55.8	21.4 N	mg/kg	38	3.2	SW846 6020	12/19-12/20/07	KDD371DJ
			Dilution Factor: 10						
			Analysis Time..: 23:46		Instrument ID..: I7			Analyst ID.....: 002260	
Arsenic									
	3.5	11.2	11.1	mg/kg	68		SW846 6020	12/19/07	KDD371DK
	3.5	11.2	11.3	mg/kg	70	1.7	SW846 6020	12/19/07	KDD371DL
			Dilution Factor: 1						
			Analysis Time..: 23:11		Instrument ID..: I7			Analyst ID.....: 002260	
Barium									
	130	223	317	mg/kg	84		SW846 6010B	12/19-12/24/07	KDD371CH
	130	223	339	mg/kg	94	6.7	SW846 6010B	12/19-12/24/07	KDD371CJ
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Beryllium									
	1.1	5.6	5.7	mg/kg	83		SW846 6010B	12/19-12/24/07	KDD371CK
	1.1	5.6	7.0	mg/kg	106	20	SW846 6010B	12/19-12/24/07	KDD371CL
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Cadmium									
	0.32	5.6	4.6	mg/kg	77		SW846 6010B	12/19-12/24/07	KDD371CM
	0.32	5.6	4.4 N	mg/kg	73	4.9	SW846 6010B	12/19-12/24/07	KDD371CN
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Calcium									
	131000	5580	134000	mg/kg			SW846 6010B	12/19-12/26/07	KDD371CP
			Qualifiers: NC,MSB						
	131000	5580	131000	mg/kg			SW846 6010B	12/19-12/26/07	KDD371CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 19:30		Instrument ID..: I6			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	33.8	22.3	33.7 N	mg/kg	0.0		SW846 6010B	12/19-12/24/07	KDD371DD
	33.8	22.3	31.6 N	mg/kg	0.0	0.0	SW846 6010B	12/19-12/24/07	KDD371DE
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Cobalt									
	4.8	55.8	46.3 N	mg/kg	74		SW846 6010B	12/19-12/24/07	KDD371CR
	4.8	55.8	43.1 N	mg/kg	69	7.3	SW846 6010B	12/19-12/24/07	KDD371CT
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Copper									
	19.0	27.9	41.5	mg/kg	80		SW846 6010B	12/19-12/24/07	KDD371CU
	19.0	27.9	36.9 N	mg/kg	64	12	SW846 6010B	12/19-12/24/07	KDD371CV
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Iron									
	11100	112	9820	mg/kg			SW846 6010B	12/19-12/24/07	KDD371CW
			Qualifiers: NC,MSB						
	11100	112	7650	mg/kg			SW846 6010B	12/19-12/24/07	KDD371CX
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Lead									
	19.4	55.8	65.8	mg/kg	83		SW846 6010B	12/19-12/24/07	KDD371DF
	19.4	55.8	62.3	mg/kg	77	5.5	SW846 6010B	12/19-12/24/07	KDD371DG
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Magnesium									
	24400	5580	30400	mg/kg			SW846 6010B	12/19-12/24/07	KDD371C0
			Qualifiers: NC,MSB						
	24400	5580	29200	mg/kg			SW846 6010B	12/19-12/24/07	KDD371C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Manganese									
	921	55.8	987	mg/kg			SW846 6010B	12/19-12/24/07	KDD371C2
			Qualifiers: NC,MSB						
	921	55.8	980	mg/kg			SW846 6010B	12/19-12/24/07	KDD371C3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	0.027	0.19	0.22	mg/kg	102		SW846 7471A	12/19-12/20/07	KDD371CD
	0.027	0.19	0.23	mg/kg	108	4.9	SW846 7471A	12/19-12/20/07	KDD371CE
			Dilution Factor: 1						
			Analysis Time..: 15:11		Instrument ID..: H1			Analyst ID.....: 001086	
Nickel									
	10.4	55.8	51.7 N	mg/kg	74		SW846 6010B	12/19-12/24/07	KDD371C4
	10.4	55.8	49.6 N	mg/kg	70	4.1	SW846 6010B	12/19-12/24/07	KDD371C5
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Potassium									
	1380	5580	6310	mg/kg	88		SW846 6010B	12/19-12/24/07	KDD371C6
	1380	5580	6370	mg/kg	89	0.88	SW846 6010B	12/19-12/24/07	KDD371C7
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Selenium									
	0.24	11.2	8.7	mg/kg	76		SW846 6020	12/19/07	KDD371DM
	0.24	11.2	9.0	mg/kg	78	2.8	SW846 6020	12/19/07	KDD371DN
			Dilution Factor: 1						
			Analysis Time..: 23:11		Instrument ID..: I7			Analyst ID.....: 002260	
Silver									
	0.18	5.6	5.3	mg/kg	91		SW846 6020	12/19/07	KDD371DP
	0.18	5.6	5.0	mg/kg	86	5.8	SW846 6020	12/19-12/20/07	KDD371DQ
			Dilution Factor: 10						
			Analysis Time..: 23:46		Instrument ID..: I7			Analyst ID.....: 002260	
Sodium									
	640	5580	5290	mg/kg	83		SW846 6010B	12/19-12/24/07	KDD371C8
	640	5580	5180	mg/kg	81	2.0	SW846 6010B	12/19-12/24/07	KDD371C9
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Thallium									
	0.10	11.2	8.3	mg/kg	74		SW846 6020	12/19/07	KDD371DR
	0.10	11.2	8.2	mg/kg	72	1.9	SW846 6020	12/19/07	KDD371DT
			Dilution Factor: 1						
			Analysis Time..: 23:11		Instrument ID..: I7			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	24.5	55.8	63.5 N	mg/kg	70		SW846 6010B	12/19-12/24/07	KDD371DA
	24.5	55.8	57.1 N	mg/kg	58	11	SW846 6010B	12/19-12/24/07	KDD371DC
			Dilution Factor: 1						
			Analysis Time..: 03:38		Instrument ID..: I6			Analyst ID.....: 001644	
Zinc									
	38.9	11.2	41.5	mg/kg	24		SW846 6020	12/19/07	KDD371DU
	38.9	11.2	55.8 *	mg/kg	152	29	SW846 6020	12/19/07	KDD371DV
			Dilution Factor: 1						
			Analysis Time..: 23:11		Instrument ID..: I7			Analyst ID.....: 002260	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L040208-003 **Prep Batch #...:** 7353051							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CF
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/19-12/24/07	KDD371CG
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Antimony	37 N	(75 - 125)			SW846 6020	12/19/07	KDD371DH
	38 N	(75 - 125)	3.2	(0-20)	SW846 6020	12/19-12/20/07	KDD371DJ
		Dilution Factor: 10					
		Analysis Time..: 23:46			Instrument ID..: I7	Analyst ID.....: 002260	
Arsenic	68	(23 - 131)			SW846 6020	12/19/07	KDD371DK
	70	(23 - 131)	1.7	(0-20)	SW846 6020	12/19/07	KDD371DL
		Dilution Factor: 1					
		Analysis Time..: 23:11			Instrument ID..: I7	Analyst ID.....: 002260	
Barium	84	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CH
	94	(75 - 125)	6.7	(0-20)	SW846 6010B	12/19-12/24/07	KDD371CJ
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Beryllium	83	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CK
	106	(75 - 125)	20	(0-20)	SW846 6010B	12/19-12/24/07	KDD371CL
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Cadmium	77	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CM
	73 N	(75 - 125)	4.9	(0-20)	SW846 6010B	12/19-12/24/07	KDD371CN
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/19-12/26/07	KDD371CP
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/19-12/26/07	KDD371CQ
		Dilution Factor: 5					
		Analysis Time..: 19:30			Instrument ID..: I6	Analyst ID.....: 002260	
Chromium	0.0 N	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371DD
	0.0 N	(75 - 125)	0.0	(0-20)	SW846 6010B	12/19-12/24/07	KDD371DE
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	74 N	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CR
	69 N	(75 - 125)	7.3	(0-20)	SW846 6010B	12/19-12/24/07	KDD371CT
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Copper	80	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CU
	64 N	(75 - 125)	12	(0-20)	SW846 6010B	12/19-12/24/07	KDD371CV
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371CW
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/19-12/24/07	KDD371CX
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Lead	83	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371DF
	77	(75 - 125)	5.5	(0-20)	SW846 6010B	12/19-12/24/07	KDD371DG
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Magnesium	NC,MSB	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/19-12/24/07	KDD371C1
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371C2
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/19-12/24/07	KDD371C3
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Mercury	102	(11 - 192)			SW846 7471A	12/19-12/20/07	KDD371CD
	108	(11 - 192)	4.9	(0-20)	SW846 7471A	12/19-12/20/07	KDD371CE
		Dilution Factor: 1					
		Analysis Time..: 15:11			Instrument ID..: H1	Analyst ID.....: 001086	
Nickel	74 N	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371C4
	70 N	(75 - 125)	4.1	(0-20)	SW846 6010B	12/19-12/24/07	KDD371C5
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Potassium	88	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371C6
	89	(75 - 125)	0.88	(0-20)	SW846 6010B	12/19-12/24/07	KDD371C7
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L040208 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	76	(39 - 116)			SW846 6020	12/19/07	KDD371DM
	78	(39 - 116)	2.8	(0-20)	SW846 6020	12/19/07	KDD371DN
		Dilution Factor: 1					
		Analysis Time..: 23:11			Instrument ID..: I7	Analyst ID.....: 002260	
Silver	91	(75 - 125)			SW846 6020	12/19/07	KDD371DP
	86	(75 - 125)	5.8	(0-20)	SW846 6020	12/19-12/20/07	KDD371DQ
		Dilution Factor: 10					
		Analysis Time..: 23:46			Instrument ID..: I7	Analyst ID.....: 002260	
Sodium	83	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371C8
	81	(75 - 125)	2.0	(0-20)	SW846 6010B	12/19-12/24/07	KDD371C9
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Thallium	74	(62 - 110)			SW846 6020	12/19/07	KDD371DR
	72	(62 - 110)	1.9	(0-20)	SW846 6020	12/19/07	KDD371DT
		Dilution Factor: 1					
		Analysis Time..: 23:11			Instrument ID..: I7	Analyst ID.....: 002260	
Vanadium	70 N	(75 - 125)			SW846 6010B	12/19-12/24/07	KDD371DA
	58 N	(75 - 125)	11	(0-20)	SW846 6010B	12/19-12/24/07	KDD371DC
		Dilution Factor: 1					
		Analysis Time..: 03:38			Instrument ID..: I6	Analyst ID.....: 001644	
Zinc	24	(10 - 199)			SW846 6020	12/19/07	KDD371DU
	152 *	(10 - 199)	29	(0-20)	SW846 6020	12/19/07	KDD371DV
		Dilution Factor: 1					
		Analysis Time..: 23:11			Instrument ID..: I7	Analyst ID.....: 002260	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-094

General Chemistry

Lot-Sample #...: A7L040208-003 **Work Order #...:** KDD37 **Matrix.....:** SO
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.64**	**0.22**	**mg/kg**	**SW846 9012A**	**12/19/07**	**7353542**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.73 B**	**0.89**	**mg/kg**	**SW846 7196A**	**12/27-12/28/07**	**7361379**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/31-01/02/08**	**7365093**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-095

General Chemistry

Lot-Sample #...: A7L040208-004 **Work Order #...:** KDD38 **Matrix.....:** SO
Date Sampled...: 12/03/07 09:05 **Date Received..:** 12/04/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/17/07	7351507
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.92	mg/kg	SW846 7196A	12/19-12/20/07	7354512
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/13-12/14/07**	**7347462**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-098

General Chemistry

Lot-Sample #...: A7L040208-005 **Work Order #...:** KDD4A **Matrix.....:** SO
Date Sampled...: 12/03/07 10:40 **Date Received..:** 12/04/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/19/07	7353542
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.8**	**0.91**	**mg/kg**	**SW846 7196A**	**12/27-12/28/07**	**7361379**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/31-01/02/08**	**7365093**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120307-CB-099

General Chemistry

Lot-Sample #...: A7L040208-006 **Work Order #...:** KDD4C **Matrix.....:** SO
Date Sampled...: 12/03/07 10:45 **Date Received..:** 12/04/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/19/07	7353542
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.83 B**	**0.91**	**mg/kg**	**SW846 7196A**	**12/27-12/28/07**	**7361379**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/31-01/02/08**	**7365093**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KECCM1AA		MB Lot-Sample #:	A7L170000-507	
	ND	0.20	mg/kg	SW846 9012A	12/17/07	7351507
		Dilution Factor: 1				
Cyanide, Total		Work Order #: KEG471AA		MB Lot-Sample #:	A7L190000-542	
	ND	0.20	mg/kg	SW846 9012A	12/19/07	7353542
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KEK5E1AA		MB Lot-Sample #:	A7L200000-512	
	ND	0.80	mg/kg	SW846 7196A	12/19-12/20/07	7354512
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KEWGW1AA		MB Lot-Sample #:	A7L270000-379	
	ND	0.80	mg/kg	SW846 7196A	12/27-12/28/07	7361379
		Dilution Factor: 1				
Percent Solids		Work Order #: KD5FW1AA		MB Lot-Sample #:	A7L130000-462	
	ND	10.0	%	MCAWW 160.3 MOD	12/13-12/14/07	7347462
		Dilution Factor: 1				
Percent Solids		Work Order #: KEX8D1AA		MB Lot-Sample #:	A7L310000-093	
	ND	10.0	%	MCAWW 160.3 MOD	12/31-01/02/08	7365093
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: KECCM1AC		LCS Lot-Sample#: A7L170000-507		
	33.0	34.0	mg/kg	103	SW846 9012A	12/17/07	7351507
			Dilution Factor: 1				
Cyanide, Total			Work Order #: KEG471AC		LCS Lot-Sample#: A7L190000-542		
	33.0	32.2	mg/kg	98	SW846 9012A	12/19/07	7353542
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KEK5E1AC		LCS Lot-Sample#: A7L200000-512		
	644	889	mg/kg	138	SW846 7196A	12/19-12/20/07	7354512
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KEWGW1AC		LCS Lot-Sample#: A7L270000-379		
	644	951	mg/kg	148	SW846 7196A	12/27-12/28/07	7361379
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040208 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KECCM1AC	LCS Lot-Sample#: A7L170000-507		
	103	(68 - 123)	SW846 9012A	12/17/07	7351507
		Dilution Factor: 1			
Cyanide, Total		Work Order #: KEG471AC	LCS Lot-Sample#: A7L190000-542		
	98	(68 - 123)	SW846 9012A	12/19/07	7353542
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KEK5E1AC	LCS Lot-Sample#: A7L200000-512		
	138	(10 - 200)	SW846 7196A	12/19-12/20/07	7354512
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KEWGW1AC	LCS Lot-Sample#: A7L270000-379		
	148	(10 - 200)	SW846 7196A	12/27-12/28/07	7361379
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L040208 **Matrix.....:** SOLID
Date Sampled...: 12/07/07 10:05 **Date Received..:** 12/08/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 12		
Cyanide, Total			WO#: KDLKF1A0-MS/KDLKF1A1-MSD				MS Lot-Sample #: A7L060290-001		
	ND	2.2	2.2	mg/kg	100		SW846 9012A	12/17/07	7351507
	ND	2.2	2.1	mg/kg	95	5.6	SW846 9012A	12/17/07	7351507
			Dilution Factor: 1						
							% Moisture.....: 12		
Cyanide, Total			WO#: KDREQ1CX-MS/KDREQ1C0-MSD				MS Lot-Sample #: A7L080172-001		
	0.13	2.3	2.3	mg/kg	96		SW846 9012A	12/19/07	7353542
	0.13	2.3	2.1	mg/kg	89	7.6	SW846 9012A	12/19/07	7353542
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040208 **Matrix.....:** SOLID
Date Sampled...: 12/07/07 10:05 **Date Received..:** 12/08/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 12	
Cyanide, Total		WO#: KDLKF1A0-MS/KDLKF1A1-MSD				MS Lot-Sample #: A7L060290-001	
	100	(50 - 134)			SW846 9012A	12/17/07	7351507
	95	(50 - 134)	5.6	(0-20)	SW846 9012A	12/17/07	7351507
		Dilution Factor: 1					
						% Moisture.....: 12	
Cyanide, Total		WO#: KDREQ1CX-MS/KDREQ1C0-MSD				MS Lot-Sample #: A7L080172-001	
	96	(50 - 134)			SW846 9012A	12/19/07	7353542
	89	(50 - 134)	7.6	(0-20)	SW846 9012A	12/19/07	7353542
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040208 **Work Order #...:** KDL98-SMP **Matrix.....:** SOLID
KDL98-DUP
Date Sampled...: 12/04/07 14:30 **Date Received..:** 12/06/07
% Moisture.....: 8.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L060388-002		
	91.2	91.8	%	0.65	(0-20)	MCAWW 160.3 MOD	12/13-12/14/07	7347462

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040208 **Work Order #...:** KDRN7-SMP **Matrix.....:** SOLID
KDRN7-DUP
Date Sampled...: 12/06/07 **Date Received..:** 12/08/07
% Moisture.....: 4.3

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L080201-010		
	95.7	95.8	%	0.13	(0-20)	MCAWW 160.3 MOD	12/13-12/14/07	7347462

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040208 **Work Order #...:** J839H-SMP J839H-DUP **Matrix.....:** SOLID

Date Sampled...: 10/15/07 08:10 **Date Received..:** 10/15/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium						SD Lot-Sample #: A7J160300-001		
	3.1	2.5	mg/kg	21	(0-100)	SW846 7196A	12/27-12/28/07	7361379
			Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L040208 **Work Order #...:** KDD37-SMP **Matrix.....:** SO
KDD37-DUP
Date Sampled...: 12/03/07 08:55 **Date Received..:** 12/04/07
% Moisture.....: 10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L040208-003		
	89.6	89.9	%	0.34	(0-20)	MCAWW 160.3 MOD	12/31-01/02/08	7365093

Dilution Factor: 1

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021

Lot #: A7L050288

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

December 12, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7L050288

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120407-CB-108 12/04/07 10:15 001				
Trivalent Chromium	14.3	0.47	mg/kg	SW846 7196A
Silver	0.13	0.093	mg/kg	SW846 6020
Arsenic	4.1	0.093	mg/kg	SW846 6020
Antimony	0.16 B	0.19	mg/kg	SW846 6020
Thallium	0.27	0.093	mg/kg	SW846 6020
Zinc	52.8 J	0.93	mg/kg	SW846 6020
Mercury	0.10	0.047	mg/kg	SW846 7471A
Aluminum	9010	18.6	mg/kg	SW846 6010B
Barium	40.1 J	0.93	mg/kg	SW846 6010B
Beryllium	0.53 E	0.19	mg/kg	SW846 6010B
Calcium	33300	465	mg/kg	SW846 6010B
Cadmium	0.16	0.093	mg/kg	SW846 6010B
Cobalt	8.1 E	0.47	mg/kg	SW846 6010B
Chromium	14.9	0.47	mg/kg	SW846 6010B
Copper	16.1	0.93	mg/kg	SW846 6010B
Iron	17400 J	9.3	mg/kg	SW846 6010B
Potassium	1670 J	465	mg/kg	SW846 6010B
Magnesium	6840	93.0	mg/kg	SW846 6010B
Manganese	295 J	0.93	mg/kg	SW846 6010B
Sodium	167	93.0	mg/kg	SW846 6010B
Nickel	19.0	0.93	mg/kg	SW846 6010B
Lead	10.3 E	0.28	mg/kg	SW846 6010B
Vanadium	20.1	0.93	mg/kg	SW846 6010B
Benzo(a)anthracene	15	7.8	ug/kg	SW846 8270C
Benzo(a)pyrene	12	7.8	ug/kg	SW846 8270C
Benzo(b)fluoranthene	13	7.8	ug/kg	SW846 8270C
Benzo(ghi)perylene	12	7.8	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	110 B	58	ug/kg	SW846 8270C
Chrysene	23	7.8	ug/kg	SW846 8270C
Dibenzofuran	51 J	58	ug/kg	SW846 8270C
Fluoranthene	23	7.8	ug/kg	SW846 8270C
2-Methylnaphthalene	220	7.8	ug/kg	SW846 8270C
Naphthalene	160	7.8	ug/kg	SW846 8270C
Phenanthrene	99	7.8	ug/kg	SW846 8270C
Pyrene	28	7.8	ug/kg	SW846 8270C
Acetone	28 B	16	ug/kg	SW846 8260B
Benzene	0.36 J	4.1	ug/kg	SW846 8260B
2-Butanone	5.2 J	16	ug/kg	SW846 8260B
Carbon disulfide	2.4 J	4.1	ug/kg	SW846 8260B
Cyclohexane	0.41 J	8.1	ug/kg	SW846 8260B
Methylcyclohexane	0.58 J	8.1	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

A7L050288

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120407-CB-108 12/04/07 10:15 001				
Toluene	0.51 J	4.1	ug/kg	SW846 8260B
Xylenes (total)	0.59 J	8.1	ug/kg	SW846 8260B
Hexavalent Chromium	0.60 B	0.93	mg/kg	SW846 7196A
Percent Solids	86.0	10.0	%	MCAWW 160.3 MOD
SO-17322-120407-CB-111 12/04/07 12:00 002				
Trivalent Chromium	11.1	0.47	mg/kg	SW846 7196A
Silver	0.059 B	0.093	mg/kg	SW846 6020
Arsenic	3.4	0.093	mg/kg	SW846 6020
Antimony	0.13 B	0.19	mg/kg	SW846 6020
Selenium	0.27	0.20	mg/kg	SW846 6020
Thallium	0.10	0.093	mg/kg	SW846 6020
Zinc	33.0 J	0.93	mg/kg	SW846 6020
Mercury	0.050	0.047	mg/kg	SW846 7471A
Aluminum	6860	18.7	mg/kg	SW846 6010B
Barium	41.0 J	0.93	mg/kg	SW846 6010B
Beryllium	0.39	0.19	mg/kg	SW846 6010B
Calcium	31100	467	mg/kg	SW846 6010B
Cadmium	0.19	0.093	mg/kg	SW846 6010B
Cobalt	5.3	0.47	mg/kg	SW846 6010B
Chromium	12.2	0.47	mg/kg	SW846 6010B
Copper	13.5	0.93	mg/kg	SW846 6010B
Iron	13300 J	9.3	mg/kg	SW846 6010B
Potassium	995 J	467	mg/kg	SW846 6010B
Magnesium	8270	93.4	mg/kg	SW846 6010B
Manganese	251 J	0.93	mg/kg	SW846 6010B
Sodium	166	93.4	mg/kg	SW846 6010B
Nickel	13.1	0.93	mg/kg	SW846 6010B
Lead	15.5	0.28	mg/kg	SW846 6010B
Vanadium	17.6	0.93	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	69 B	58	ug/kg	SW846 8270C
Acetone	84 B	21	ug/kg	SW846 8260B
2-Butanone	19 J	21	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.70 J,B	5.4	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.67 J,B	5.4	ug/kg	SW846 8260B
Hexavalent Chromium	1.1	0.93	mg/kg	SW846 7196A
Percent Solids	85.7	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L050288

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120407-CB-114 12/04/07 13:15 003				
Trivalent Chromium	5.4	0.46	mg/kg	SW846 7196A
Silver	0.032 B	0.092	mg/kg	SW846 6020
Arsenic	3.8	0.092	mg/kg	SW846 6020
Antimony	0.081 B	0.18	mg/kg	SW846 6020
Thallium	0.082 B	0.092	mg/kg	SW846 6020
Zinc	24.3 J	0.92	mg/kg	SW846 6020
Aluminum	2650	18.4	mg/kg	SW846 6010B
Barium	11.4 J	0.92	mg/kg	SW846 6010B
Beryllium	0.17 B	0.18	mg/kg	SW846 6010B
Calcium	56900	459	mg/kg	SW846 6010B
Cadmium	0.17	0.092	mg/kg	SW846 6010B
Cobalt	3.1	0.46	mg/kg	SW846 6010B
Chromium	6.0	0.46	mg/kg	SW846 6010B
Copper	7.2	0.92	mg/kg	SW846 6010B
Iron	7780 J	9.2	mg/kg	SW846 6010B
Potassium	406 B,J	459	mg/kg	SW846 6010B
Magnesium	17000	91.8	mg/kg	SW846 6010B
Manganese	225 J	0.92	mg/kg	SW846 6010B
Sodium	464	91.8	mg/kg	SW846 6010B
Nickel	6.9	0.92	mg/kg	SW846 6010B
Lead	3.8	0.28	mg/kg	SW846 6010B
Vanadium	11.5	0.92	mg/kg	SW846 6010B
Anthracene	6.1 J	7.6	ug/kg	SW846 8270C
Benzo(b)fluoranthene	8.0	7.6	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	21 J,B	57	ug/kg	SW846 8270C
Phenanthrene	8.8	7.6	ug/kg	SW846 8270C
2-Butanone	1.6 J	19	ug/kg	SW846 8260B
Carbon disulfide	0.46 J	4.7	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.57 J,B	4.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.64 B	0.92	mg/kg	SW846 7196A
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD
TB-17322-120407-CB-001 12/04/07 004				
Methylene chloride	1.3 J,B	5.0	ug/kg	SW846 8260B

ANALYTICAL METHODS SUMMARY

A7L050288

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L050288

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDHHA	001	SO-17322-120407-CB-108	12/04/07	10:15
KDHJN	002	SO-17322-120407-CB-111	12/04/07	12:00
KDHJ1	003	SO-17322-120407-CB-114	12/04/07	13:15
KDHJ8	004	TB-17322-120407-CB-001	12/04/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

GC/MS Volatiles

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA1AC **Matrix.....:** SO
Date Sampled...: 12/04/07 10:15 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 0.7
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**28 B**	**16**	**ug/kg**	**5.1**
Benzene	**0.36 J**	**4.1**	**ug/kg**	**0.19**
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	**5.2 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	**2.4 J**	**4.1**	**ug/kg**	**0.36**
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.33
Cyclohexane	**0.41 J**	**8.1**	**ug/kg**	**0.27**
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.33
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	**0.58 J**	**8.1**	**ug/kg**	**0.25**
Methylene chloride	ND	4.1	ug/kg	0.55
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

GC/MS Volatiles

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.42
Toluene	**0.51 J**	**4.1**	**ug/kg**	**0.22**
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	**0.59 J**	**8.1**	**ug/kg**	**0.55**
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

GC/MS Volatiles

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN1CC **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 0.92
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**84 B**	**21**	**ug/kg**	**6.8**
Benzene	ND	5.4	ug/kg	0.25
Bromodichloromethane	ND	5.4	ug/kg	0.30
Bromoform	ND	5.4	ug/kg	0.35
Bromomethane	ND	5.4	ug/kg	0.58
2-Butanone	**19 J**	**21**	**ug/kg**	**1.5**
Carbon disulfide	ND	5.4	ug/kg	0.47
Carbon tetrachloride	ND	5.4	ug/kg	0.40
Chlorobenzene	ND	5.4	ug/kg	0.35
Dibromochloromethane	ND	5.4	ug/kg	0.59
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
Chloroethane	ND	5.4	ug/kg	0.92
Chloroform	ND	5.4	ug/kg	0.31
Chloromethane	ND	5.4	ug/kg	0.44
Cyclohexane	ND	11	ug/kg	0.35
1,2-Dibromoethane	ND	5.4	ug/kg	0.54
1,2-Dichlorobenzene	ND	5.4	ug/kg	0.39
1,3-Dichlorobenzene	ND	5.4	ug/kg	0.38
1,4-Dichlorobenzene	ND	5.4	ug/kg	0.71
Dichlorodifluoromethane	ND	5.4	ug/kg	0.54
1,1-Dichloroethane	ND	5.4	ug/kg	0.39
1,2-Dichloroethane	ND	5.4	ug/kg	0.37
1,1-Dichloroethene	ND	5.4	ug/kg	0.56
cis-1,2-Dichloroethene	ND	5.4	ug/kg	0.39
trans-1,2-Dichloroethene	ND	5.4	ug/kg	0.44
1,2-Dichloropropane	ND	5.4	ug/kg	0.74
cis-1,3-Dichloropropene	ND	5.4	ug/kg	0.37
trans-1,3-Dichloropropene	ND	5.4	ug/kg	0.58
Ethylbenzene	ND	5.4	ug/kg	0.28
Trichlorofluoromethane	ND	5.4	ug/kg	0.37
2-Hexanone	ND	21	ug/kg	0.68
Isopropylbenzene	ND	5.4	ug/kg	0.17
Methyl acetate	ND	11	ug/kg	1.5
Methylcyclohexane	ND	11	ug/kg	0.33
Methylene chloride	ND	5.4	ug/kg	0.72
4-Methyl-2-pentanone	ND	21	ug/kg	0.58
Styrene	ND	5.4	ug/kg	0.16

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

GC/MS Volatiles

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN1CC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg	0.37
Tetrachloroethene	ND	5.4	ug/kg	0.56
Toluene	ND	5.4	ug/kg	0.29
1,2,4-Trichloro-benzene	ND	5.4	ug/kg	0.29
1,1,1-Trichloroethane	ND	5.4	ug/kg	0.60
1,1,2-Trichloroethane	ND	5.4	ug/kg	0.42
Trichloroethene	ND	5.4	ug/kg	0.45
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.4	ug/kg	1.4
1,2,4-Trimethylbenzene	**0.70 J,B**	**5.4**	**ug/kg**	**0.70**
1,3,5-Trimethylbenzene	**0.67 J,B**	**5.4**	**ug/kg**	**0.27**
Vinyl chloride	ND	5.4	ug/kg	0.42
Xylenes (total)	ND	11	ug/kg	0.72
Methyl tert-butyl ether	ND	21	ug/kg	0.46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
Toluene-d8	91	(60 - 143)
4-Bromofluorobenzene	112	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

GC/MS Volatiles

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ11AN **Matrix.....:** SO
Date Sampled...: 12/04/07 13:15 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 0.82
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	19	ug/kg	5.9
Benzene	ND	4.7	ug/kg	0.22
Bromodichloromethane	ND	4.7	ug/kg	0.26
Bromoform	ND	4.7	ug/kg	0.31
Bromomethane	ND	4.7	ug/kg	0.51
2-Butanone	**1.6 J**	**19**	**ug/kg**	**1.3**
Carbon disulfide	**0.46 J**	**4.7**	**ug/kg**	**0.41**
Carbon tetrachloride	ND	4.7	ug/kg	0.35
Chlorobenzene	ND	4.7	ug/kg	0.31
Dibromochloromethane	ND	4.7	ug/kg	0.52
1,2-Dibromo-3-chloro-propane	ND	9.4	ug/kg	1.2
Chloroethane	ND	4.7	ug/kg	0.81
Chloroform	ND	4.7	ug/kg	0.27
Chloromethane	ND	4.7	ug/kg	0.39
Cyclohexane	ND	9.4	ug/kg	0.31
1,2-Dibromoethane	ND	4.7	ug/kg	0.47
1,2-Dichlorobenzene	ND	4.7	ug/kg	0.34
1,3-Dichlorobenzene	ND	4.7	ug/kg	0.33
1,4-Dichlorobenzene	ND	4.7	ug/kg	0.62
Dichlorodifluoromethane	ND	4.7	ug/kg	0.47
1,1-Dichloroethane	ND	4.7	ug/kg	0.34
1,2-Dichloroethane	ND	4.7	ug/kg	0.32
1,1-Dichloroethene	ND	4.7	ug/kg	0.49
cis-1,2-Dichloroethene	ND	4.7	ug/kg	0.34
trans-1,2-Dichloroethene	ND	4.7	ug/kg	0.39
1,2-Dichloropropane	ND	4.7	ug/kg	0.65
cis-1,3-Dichloropropene	ND	4.7	ug/kg	0.32
trans-1,3-Dichloropropene	ND	4.7	ug/kg	0.51
Ethylbenzene	ND	4.7	ug/kg	0.24
Trichlorofluoromethane	ND	4.7	ug/kg	0.32
2-Hexanone	ND	19	ug/kg	0.59
Isopropylbenzene	ND	4.7	ug/kg	0.15
Methyl acetate	ND	9.4	ug/kg	1.3
Methylcyclohexane	ND	9.4	ug/kg	0.29
Methylene chloride	ND	4.7	ug/kg	0.63
4-Methyl-2-pentanone	ND	19	ug/kg	0.51
Styrene	ND	4.7	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

GC/MS Volatiles

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ11AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.7	ug/kg	0.32
Tetrachloroethene	ND	4.7	ug/kg	0.49
Toluene	ND	4.7	ug/kg	0.25
1,2,4-Trichloro-benzene	ND	4.7	ug/kg	0.25
1,1,1-Trichloroethane	ND	4.7	ug/kg	0.53
1,1,2-Trichloroethane	ND	4.7	ug/kg	0.37
Trichloroethene	ND	4.7	ug/kg	0.39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.7	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.7	ug/kg	0.61
1,3,5-Trimethylbenzene	**0.57 J,B**	**4.7**	**ug/kg**	**0.24**
Vinyl chloride	ND	4.7	ug/kg	0.37
Xylenes (total)	ND	9.4	ug/kg	0.63
Methyl tert-butyl ether	ND	19	ug/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(59 - 138)
1,2-Dichloroethane-d4	100	(61 - 130)
Toluene-d8	89	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120407-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L050288-004 **Work Order #...:** KDHJ81AA **Matrix.....:** WQ
Date Sampled...: 12/04/07 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	**1.3 J,B**	**5.0**	**ug/kg**	**0.67**
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120407-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L050288-004 **Work Order #...:** KDHJ81AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA1A5 **Matrix.....:** SO
Date Sampled...: 12/04/07 10:15 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.8	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**15**	**7.8**	**ug/kg**	**1.1**
Benzo(a)pyrene	**12**	**7.8**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**13**	**7.8**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**12**	**7.8**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	ND	7.8	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	24
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**110 B**	**58**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	58	ug/kg	24
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	380	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	20
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	**23**	**7.8**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.8	ug/kg	1.5
Dibenzofuran	**51 J**	**58**	**ug/kg**	**23**
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	24
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	**23**	**7.8**	**ug/kg**	**1.4**
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.4
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopenta-diene	ND	380	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg	1.7
Isophorone	ND	58	ug/kg	24
2-Methylnaphthalene	**220**	**7.8**	**ug/kg**	**1.7**
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	**160**	**7.8**	**ug/kg**	**1.9**
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propyl-amine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	95
Phenanthrene	**99**	**7.8**	**ug/kg**	**2.3**
Phenol	ND	58	ug/kg	29
Pyrene	**28**	**7.8**	**ug/kg**	**1.3**
2,4,5-Trichloro-phenol	ND	170	ug/kg	29
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	57	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	84	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN1AT **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.8	ug/kg	1.5
Atrazine	ND	230	ug/kg	25
Benzo(a)anthracene	ND	7.8	ug/kg	1.1
Benzo(a)pyrene	ND	7.8	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.8	ug/kg	1.4
Benzo(ghi)perylene	ND	7.8	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.8	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**69 B**	**58**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	58	ug/kg	25
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	390	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	ND	7.8	ug/kg	1.1
Dibenz(a,h)anthracene	ND	7.8	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN1AT **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	25
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	25
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	ND	7.8	ug/kg	1.4
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.5
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopentadiene	ND	390	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg	1.8
Isophorone	ND	58	ug/kg	25
2-Methylnaphthalene	ND	7.8	ug/kg	1.8
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.8	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propylamine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	96
Phenanthrene	ND	7.8	ug/kg	2.3
Phenol	ND	58	ug/kg	29
Pyrene	ND	7.8	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	29
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN1AT **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	97	(41 - 119)
Phenol-d5	59	(28 - 110)
2-Fluorophenol	60	(26 - 110)
2,4,6-Tribromophenol	79	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ11AG **Matrix.....:** SO
Date Sampled...: 12/04/07 13:15 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	**6.1 J**	**7.6**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	**8.0**	**7.6**	**ug/kg**	**1.4**
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**21 J,B**	**57**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	28
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ11AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	94
Phenanthrene	**8.8**	**7.6**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

GC/MS Semivolatiles

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ11AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	104	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	64	(26 - 110)
2,4,6-Tribromophenol	93	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

GC Semivolatiles

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA1A7 **Matrix.....:** SO
Date Sampled...: 12/04/07 10:15 **Date Received..:** 12/05/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7339434
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(10 - 196)
Decachlorobiphenyl	83	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

GC Semivolatiles

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN1A1 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7339434
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	15
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	16
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 196)
Decachlorobiphenyl	63	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

GC Semivolatiles

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ11AJ **Matrix.....:** SO
Date Sampled...: 12/04/07 13:15 **Date Received..:** 12/05/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7339434
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 196)
Decachlorobiphenyl	59	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

TOTAL Metals

Lot-Sample #...: A7L050288-001 **Matrix.....:** SO
Date Sampled...: 12/04/07 10:15 **Date Received..:** 12/05/07
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7340035						
Trivalent Chromium	**14.3**	**0.47**	**mg/kg**	**SW846 7196A**	**12/06-12/07/07**	**KDHHA1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7340036						
Silver	**0.13**	**0.093**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHHA1A2**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**9010**	**18.6**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AE**
		Dilution Factor: 1		MDL.....: 11.2		
Arsenic	**4.1**	**0.093**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHHA1A0**
		Dilution Factor: 1		MDL.....: 0.072		
Barium	**40.1 J**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AF**
		Dilution Factor: 1		MDL.....: 0.083		
Beryllium	**0.53 E**	**0.19**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AG**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**33300**	**465**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AJ**
		Dilution Factor: 1		MDL.....: 18.6		
Cadmium	**0.16**	**0.093**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AH**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**8.1 E**	**0.47**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AK**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**14.9**	**0.47**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**16.1**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AL**
		Dilution Factor: 1		MDL.....: 0.86		
Iron	**17400 J**	**9.3**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AM**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.10**	**0.047**	**mg/kg**	**SW846 7471A**	**12/06/07**	**KDHHA1AD**
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

TOTAL Metals

Lot-Sample #...: A7L050288-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1670 J**	**465**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AR**
		Dilution Factor: 1		MDL.....: 7.2		
Magnesium	**6840**	**93.0**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AN**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**295 J**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AP**
		Dilution Factor: 1		MDL.....: 0.086		
Sodium	**167**	**93.0**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AT**
		Dilution Factor: 1		MDL.....: 76.8		
Nickel	**19.0**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AQ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**10.3 E**	**0.28**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.16 B**	**0.19**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHHA1AX**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	12/06/07	KDHHA1A1
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.27**	**0.093**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHHA1A3**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**20.1**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHHA1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**52.8 J**	**0.93**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHHA1A4**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

TOTAL Metals

Lot-Sample #...: A7L050288-002 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7340035						
Trivalent Chromium	**11.1**	**0.47**	**mg/kg**	**SW846 7196A**	**12/06-12/07/07**	**KDHJN1A7**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7340036						
Silver	**0.059 B**	**0.093**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJN1AH**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**6860**	**18.7**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1CJ**
		Dilution Factor: 1		MDL.....: 11.2		
Arsenic	**3.4**	**0.093**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJN1AA**
		Dilution Factor: 1		MDL.....: 0.072		
Barium	**41.0 J**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1CM**
		Dilution Factor: 1		MDL.....: 0.083		
Beryllium	**0.39**	**0.19**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1CQ**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**31100**	**467**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1CX**
		Dilution Factor: 1		MDL.....: 18.7		
Cadmium	**0.19**	**0.093**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1CU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**5.3**	**0.47**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1C2**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**12.2**	**0.47**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DX**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**13.5**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1C5**
		Dilution Factor: 1		MDL.....: 0.86		
Iron	**13300 J**	**9.3**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1C8**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.050**	**0.047**	**mg/kg**	**SW846 7471A**	**12/06/07**	**KDHJN1CF**
		Dilution Factor: 1		MDL.....: 0.018		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

TOTAL Metals

Lot-Sample #...: A7L050288-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**995 J**	**467**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DM**
		Dilution Factor: 1		MDL.....: 7.2		
Magnesium	**8270**	**93.4**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DC**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**251 J**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DF**
		Dilution Factor: 1		MDL.....: 0.086		
Sodium	**166**	**93.4**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DQ**
		Dilution Factor: 1		MDL.....: 77.1		
Nickel	**13.1**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DJ**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**15.5**	**0.28**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1D2**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.13 B**	**0.19**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJN1D5**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.27**	**0.20**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJN1AE**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.10**	**0.093**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJN1AL**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**17.6**	**0.93**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJN1DU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**33.0 J**	**0.93**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJN1AP**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

TOTAL Metals

Lot-Sample #...: A7L050288-003 **Matrix.....:** SO
Date Sampled...: 12/04/07 13:15 **Date Received..:** 12/05/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7340035						
Trivalent Chromium	**5.4**	**0.46**	**mg/kg**	**SW846 7196A**	**12/06-12/07/07**	**KDHJ11AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7340036						
Silver	**0.032 B**	**0.092**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJ11AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**2650**	**18.4**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**3.8**	**0.092**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJ11AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**11.4 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	**0.17 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AT**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**56900**	**459**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AV**
		Dilution Factor: 1		MDL.....: 18.4		
Cadmium	**0.17**	**0.092**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**3.1**	**0.46**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**6.0**	**0.46**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**7.2**	**0.92**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**7780 J**	**9.2**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	12/06/07	KDHJ11AP
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

TOTAL Metals

Lot-Sample #...: A7L050288-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**406 B,J**	**459**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**17000**	**91.8**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A1**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**225 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	**464**	**91.8**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A5**
		Dilution Factor: 1		MDL.....: 75.7		
Nickel	**6.9**	**0.92**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**3.8**	**0.28**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.081 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJ11A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.19	mg/kg	SW846 6020	12/06/07	KDHJ11AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.082 B**	**0.092**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJ11AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**11.5**	**0.92**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDHJ11A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**24.3 J**	**0.92**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDHJ11AF**
		Dilution Factor: 1		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-108

General Chemistry

Lot-Sample #...: A7L050288-001 **Work Order #...:** KDHHA **Matrix.....:** SO
Date Sampled...: 12/04/07 10:15 **Date Received..:** 12/05/07
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.60 B**	**0.93**	**mg/kg**	**SW846 7196A**	**12/06/07**	**7340597**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-111

General Chemistry

Lot-Sample #...: A7L050288-002 **Work Order #...:** KDHJN **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.1**	**0.93**	**mg/kg**	**SW846 7196A**	**12/06/07**	**7340597**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**85.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120407-CB-114

General Chemistry

Lot-Sample #...: A7L050288-003 **Work Order #...:** KDHJ1 **Matrix.....:** SO
Date Sampled...: 12/04/07 13:15 **Date Received..:** 12/05/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.64 B**	**0.92**	**mg/kg**	**SW846 7196A**	**12/06/07**	**7340597**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/06-12/07/07**	**7340410**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L070000-231

Prep Date.....: 12/06/07
Analysis Date..: 12/06/07 **Prep Batch #...:** 7341231
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**3.5 J**	**20**	**ug/kg**	**SW846 8260B**
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	**0.69 J**	**5.0**	**ug/kg**	**SW846 8260B**
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**1.4 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	**0.63 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3,5-Trimethylbenzene	**0.62 J**	**5.0**	**ug/kg**	**SW846 8260B**
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
Toluene-d8	98	(60 - 143)
4-Bromofluorobenzene	109	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-231 KDNGA1AD-LCSD
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	52	ug/kg	105		SW846 8260B
	50	48	ug/kg	95	9.2	SW846 8260B
Benzene	**50**	**48**	**ug/kg**	**95**		**SW846 8260B**
	50	**49**	**ug/kg**	**99**	**3.4**	**SW846 8260B**
Bromodichloromethane	50	58	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.9	SW846 8260B
Bromoform	50	47	ug/kg	94		SW846 8260B
	50	45	ug/kg	90	4.7	SW846 8260B
Bromomethane	50	53	ug/kg	105		SW846 8260B
	50	54	ug/kg	107	1.9	SW846 8260B
2-Butanone	50	42	ug/kg	84		SW846 8260B
	50	38	ug/kg	77	9.6	SW846 8260B
Carbon disulfide	50	50	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	3.1	SW846 8260B
Carbon tetrachloride	50	52	ug/kg	105		SW846 8260B
	50	51	ug/kg	102	3.1	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**49**	**ug/kg**	**97**	**2.2**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	106		SW846 8260B
	50	51	ug/kg	102	3.5	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	58	ug/kg	117		SW846 8260B
	50	52	ug/kg	105	11	SW846 8260B
Chloroethane	50	42	ug/kg	85		SW846 8260B
	50	41	ug/kg	83	2.0	SW846 8260B
Chloroform	50	50	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	3.0	SW846 8260B
Chloromethane	50	35	ug/kg	70		SW846 8260B
	50	34	ug/kg	67	3.3	SW846 8260B
Cyclohexane	50	41	ug/kg	83		SW846 8260B
	50	40	ug/kg	80	3.8	SW846 8260B
1,2-Dibromoethane	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	96	4.4	SW846 8260B
1,2-Dichlorobenzene	50	50	ug/kg	101		SW846 8260B
	50	49	ug/kg	98	2.5	SW846 8260B
1,3-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	101	2.1	SW846 8260B
1,4-Dichlorobenzene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	98	3.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-231 KDNGA1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	29	ug/kg	58		SW846 8260B
	50	29	ug/kg	57	1.7	SW846 8260B
1,1-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	96	4.0	SW846 8260B
1,2-Dichloroethane	50	52	ug/kg	104		SW846 8260B
	50	53	ug/kg	106	2.4	SW846 8260B
1,1-Dichloroethene	**50**	**47**	**ug/kg**	**94**		**SW846 8260B**
	50	**45**	**ug/kg**	**91**	**3.9**	**SW846 8260B**
cis-1,2-Dichloroethene	50	45	ug/kg	91		SW846 8260B
	50	44	ug/kg	89	2.4	SW846 8260B
trans-1,2-Dichloroethene	50	45	ug/kg	90		SW846 8260B
	50	44	ug/kg	88	3.2	SW846 8260B
1,2-Dichloropropane	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.8	SW846 8260B
cis-1,3-Dichloropropene	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	107	2.3	SW846 8260B
trans-1,3-Dichloropropene	50	58	ug/kg	117		SW846 8260B
	50	56	ug/kg	113	3.3	SW846 8260B
Ethylbenzene	50	53	ug/kg	105		SW846 8260B
	50	51	ug/kg	101	4.0	SW846 8260B
Trichlorofluoromethane	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.6	SW846 8260B
2-Hexanone	50	54	ug/kg	108		SW846 8260B
	50	50	ug/kg	100	7.5	SW846 8260B
Isopropylbenzene	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	106	2.7	SW846 8260B
Methyl acetate	50	46	ug/kg	91		SW846 8260B
	50	40	ug/kg	80	13	SW846 8260B
Methylcyclohexane	50	47	ug/kg	93		SW846 8260B
	50	46	ug/kg	92	1.8	SW846 8260B
Methylene chloride	50	46	ug/kg	91		SW846 8260B
	50	44	ug/kg	88	3.2	SW846 8260B
4-Methyl-2-pentanone	50	54	ug/kg	108		SW846 8260B
	50	50	ug/kg	99	8.4	SW846 8260B
Styrene	50	49	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	2.9	SW846 8260B
1,1,2,2-Tetrachloroethane	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	99	5.6	SW846 8260B
Tetrachloroethene	50	50	ug/kg	101		SW846 8260B
	50	50	ug/kg	99	1.4	SW846 8260B
Toluene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**0.83**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-231 KDNGA1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.1	SW846 8260B
1,1,1-Trichloroethane	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	1.3	SW846 8260B
1,1,2-Trichloroethane	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	95	5.6	SW846 8260B
Trichloroethene	**50**	**49**	**ug/kg**	**97**		**SW846 8260B**
	50	**47**	**ug/kg**	**95**	**2.3**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	49	ug/kg	99		SW846 8260B
	50	48	ug/kg	95	3.6	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	2.0	SW846 8260B
1,3,5-Trimethylbenzene	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	105	1.9	SW846 8260B
Vinyl chloride	50	39	ug/kg	79		SW846 8260B
	50	38	ug/kg	77	2.6	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	150	ug/kg	101	3.4	SW846 8260B
Methyl tert-butyl ether	50	49	ug/kg	98		SW846 8260B
	50	47	ug/kg	93	4.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(59 - 138)
	79	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	89	(61 - 130)
Toluene-d8	86	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)
	94	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-231 KDNGA1AD-LCSD
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	105	(58 - 130)			SW846 8260B
	95	(58 - 130)	9.2	(0-30)	SW846 8260B
Benzene	**95**	**(75 - 129)**			**SW846 8260B**
	99	**(75 - 129)**	**3.4**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	115	(72 - 125)			SW846 8260B
	113	(72 - 125)	1.9	(0-30)	SW846 8260B
Bromoform	94	(43 - 149)			SW846 8260B
	90	(43 - 149)	4.7	(0-30)	SW846 8260B
Bromomethane	105	(24 - 152)			SW846 8260B
	107	(24 - 152)	1.9	(0-30)	SW846 8260B
2-Butanone	84	(27 - 200)			SW846 8260B
	77	(27 - 200)	9.6	(0-46)	SW846 8260B
Carbon disulfide	99	(50 - 137)			SW846 8260B
	96	(50 - 137)	3.1	(0-30)	SW846 8260B
Carbon tetrachloride	105	(57 - 137)			SW846 8260B
	102	(57 - 137)	3.1	(0-30)	SW846 8260B
Chlorobenzene	**100**	**(75 - 127)**			**SW846 8260B**
	97	**(75 - 127)**	**2.2**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	106	(49 - 135)			SW846 8260B
	102	(49 - 135)	3.5	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	117	(50 - 150)			SW846 8260B
	105	(50 - 150)	11	(0-30)	SW846 8260B
Chloroethane	85	(31 - 144)			SW846 8260B
	83	(31 - 144)	2.0	(0-30)	SW846 8260B
Chloroform	99	(73 - 115)			SW846 8260B
	96	(73 - 115)	3.0	(0-30)	SW846 8260B
Chloromethane	70	(15 - 136)			SW846 8260B
	67	(15 - 136)	3.3	(0-30)	SW846 8260B
Cyclohexane	83	(50 - 150)			SW846 8260B
	80	(50 - 150)	3.8	(0-20)	SW846 8260B
1,2-Dibromoethane	101	(50 - 150)			SW846 8260B
	96	(50 - 150)	4.4	(0-30)	SW846 8260B
1,2-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	98	(50 - 150)	2.5	(0-30)	SW846 8260B
1,3-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	101	(50 - 150)	2.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	102	(50 - 150)			SW846 8260B
	98	(50 - 150)	3.4	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-231 KDNGA1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	58	(50 - 150)			SW846 8260B
	57	(50 - 150)	1.7	(0-20)	SW846 8260B
1,1-Dichloroethane	100	(77 - 119)			SW846 8260B
	96	(77 - 119)	4.0	(0-30)	SW846 8260B
1,2-Dichloroethane	104	(78 - 121)			SW846 8260B
	106	(78 - 121)	2.4	(0-30)	SW846 8260B
1,1-Dichloroethene	**94**	**(55 - 142)**			**SW846 8260B**
	91	**(55 - 142)**	**3.9**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	91	(77 - 114)			SW846 8260B
	89	(77 - 114)	2.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	90	(68 - 117)			SW846 8260B
	88	(68 - 117)	3.2	(0-30)	SW846 8260B
1,2-Dichloropropane	108	(78 - 116)			SW846 8260B
	106	(78 - 116)	1.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	110	(71 - 125)			SW846 8260B
	107	(71 - 125)	2.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	117	(67 - 125)			SW846 8260B
	113	(67 - 125)	3.3	(0-30)	SW846 8260B
Ethylbenzene	105	(79 - 114)			SW846 8260B
	101	(79 - 114)	4.0	(0-30)	SW846 8260B
Trichlorofluoromethane	100	(50 - 150)			SW846 8260B
	98	(50 - 150)	1.6	(0-20)	SW846 8260B
2-Hexanone	108	(29 - 200)			SW846 8260B
	100	(29 - 200)	7.5	(0-41)	SW846 8260B
Isopropylbenzene	109	(50 - 150)			SW846 8260B
	106	(50 - 150)	2.7	(0-20)	SW846 8260B
Methyl acetate	91	(50 - 150)			SW846 8260B
	80	(50 - 150)	13	(0-20)	SW846 8260B
Methylcyclohexane	93	(50 - 150)			SW846 8260B
	92	(50 - 150)	1.8	(0-20)	SW846 8260B
Methylene chloride	91	(58 - 130)			SW846 8260B
	88	(58 - 130)	3.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	108	(68 - 142)			SW846 8260B
	99	(68 - 142)	8.4	(0-60)	SW846 8260B
Styrene	99	(80 - 114)			SW846 8260B
	96	(80 - 114)	2.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	104	(70 - 133)			SW846 8260B
	99	(70 - 133)	5.6	(0-30)	SW846 8260B
Tetrachloroethene	101	(72 - 120)			SW846 8260B
	99	(72 - 120)	1.4	(0-30)	SW846 8260B
Toluene	**102**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**0.83**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDNGA1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-231 KDNGA1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	119	(50 - 150)			SW846 8260B
	116	(50 - 150)	2.1	(0-20)	SW846 8260B
1,1,1-Trichloroethane	108	(67 - 123)			SW846 8260B
	107	(67 - 123)	1.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	100	(82 - 116)			SW846 8260B
	95	(82 - 116)	5.6	(0-30)	SW846 8260B
Trichloroethene	**97**	**(70 - 131)**			**SW846 8260B**
	95	**(70 - 131)**	**2.3**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	99	(50 - 150)			SW846 8260B
	95	(50 - 150)	3.6	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	107	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.9	(0-30)	SW846 8260B
Vinyl chloride	79	(24 - 152)			SW846 8260B
	77	(24 - 152)	2.6	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	101	(80 - 114)	3.4	(0-30)	SW846 8260B
Methyl tert-butyl ether	98	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(59 - 138)
	79	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	89	(61 - 130)
Toluene-d8	86	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)
	94	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1GM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1GN-MSD
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 0.97

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	84	57	130	ug/kg	90		SW846 8260B
	84	40	170	ug/kg	203 a	20	SW846 8260B
Benzene	**ND**	**57**	**51**	**ug/kg**	**90**		**SW846 8260B**
	ND	**40**	**27**	**ug/kg**	**66 p**	**63**	**SW846 8260B**
Bromodichloromethane	ND	57	54	ug/kg	96		SW846 8260B
	ND	40	22	ug/kg	55 p	85	SW846 8260B
Bromoform	ND	57	42	ug/kg	74		SW846 8260B
	ND	40	17	ug/kg	43 p	84	SW846 8260B
Bromomethane	ND	57	56	ug/kg	99		SW846 8260B
	ND	40	48	ug/kg	121	14	SW846 8260B
2-Butanone	19	57	66	ug/kg	84		SW846 8260B
	19	40	75	ug/kg	139	12	SW846 8260B
Carbon disulfide	ND	57	50	ug/kg	88		SW846 8260B
	ND	40	16	ug/kg	40 p	101	SW846 8260B
Carbon tetrachloride	ND	57	51	ug/kg	90		SW846 8260B
	ND	40	16	ug/kg	40 p	104	SW846 8260B
Chlorobenzene	**ND**	**57**	**52**	**ug/kg**	**92**		**SW846 8260B**
	ND	**40**	**24**	**ug/kg**	**59 p**	**75**	**SW846 8260B**
Dibromochloromethane	ND	57	48	ug/kg	85		SW846 8260B
	ND	40	18	ug/kg	45 p	92	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	57	59	ug/kg	104		SW846 8260B
	ND	40	34	ug/kg	86 p	53	SW846 8260B
Chloroethane	ND	57	48	ug/kg	85		SW846 8260B
	ND	40	25	ug/kg	62	64	SW846 8260B
Chloroform	ND	57	53	ug/kg	93		SW846 8260B
	ND	40	27	ug/kg	67 p	65	SW846 8260B
Chloromethane	ND	57	35	ug/kg	62		SW846 8260B
	ND	40	19	ug/kg	46	62	SW846 8260B
Cyclohexane	ND	57	43	ug/kg	76		SW846 8260B
	ND	40	19	ug/kg	48 a,p	76	SW846 8260B
1,2-Dibromoethane	ND	57	51	ug/kg	91		SW846 8260B
	ND	40	28	ug/kg	71 p	58	SW846 8260B
1,2-Dichlorobenzene	ND	57	49	ug/kg	86		SW846 8260B
	ND	40	25	ug/kg	63 p	64	SW846 8260B
1,3-Dichlorobenzene	ND	57	53	ug/kg	93		SW846 8260B
	ND	40	24	ug/kg	60 p	75	SW846 8260B
1,4-Dichlorobenzene	ND	57	51	ug/kg	91		SW846 8260B
	ND	40	24	ug/kg	59 p	74	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1GM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1GN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	57	31	ug/kg	54		SW846 8260B
	ND	40	14	ug/kg	35 a,p	74	SW846 8260B
1,1-Dichloroethane	ND	57	52	ug/kg	93		SW846 8260B
	ND	40	30	ug/kg	74 p	56	SW846 8260B
1,2-Dichloroethane	ND	57	55	ug/kg	97		SW846 8260B
	ND	40	38	ug/kg	94	37	SW846 8260B
1,1-Dichloroethene	**ND**	**57**	**51**	**ug/kg**	**90**		**SW846 8260B**
	ND	**40**	**25**	**ug/kg**	**63 p**	**67**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	57	48	ug/kg	85		SW846 8260B
	ND	40	26	ug/kg	64 p	61	SW846 8260B
trans-1,2-Dichloroethene	ND	57	48	ug/kg	84		SW846 8260B
	ND	40	25	ug/kg	63 p	62	SW846 8260B
1,2-Dichloropropane	ND	57	55	ug/kg	97		SW846 8260B
	ND	40	28	ug/kg	70 p	65	SW846 8260B
cis-1,3-Dichloropropene	ND	57	49	ug/kg	87		SW846 8260B
	ND	40	17	ug/kg	42 p	98	SW846 8260B
trans-1,3-Dichloropropene	ND	57	52	ug/kg	92		SW846 8260B
	ND	40	16	ug/kg	39 p	108	SW846 8260B
Ethylbenzene	ND	57	53	ug/kg	94		SW846 8260B
	ND	40	20	ug/kg	49 p	92	SW846 8260B
Trichlorofluoromethane	ND	57	55	ug/kg	98		SW846 8260B
	ND	40	23	ug/kg	57 p	83	SW846 8260B
2-Hexanone	ND	57	58	ug/kg	102		SW846 8260B
	ND	40	45	ug/kg	113	24	SW846 8260B
Isopropylbenzene	ND	57	55	ug/kg	96		SW846 8260B
	ND	40	18	ug/kg	44 a,p	102	SW846 8260B
Methyl acetate	ND	57	62	ug/kg	109		SW846 8260B
	ND	40	71	ug/kg	177 a	14	SW846 8260B
Methylcyclohexane	ND	57	46	ug/kg	81		SW846 8260B
	ND	40	14	ug/kg	35 a,p	106	SW846 8260B
Methylene chloride	ND	57	47	ug/kg	83		SW846 8260B
	ND	40	31	ug/kg	76	42	SW846 8260B
4-Methyl-2-pentanone	ND	57	59	ug/kg	104		SW846 8260B
	ND	40	45	ug/kg	112	27	SW846 8260B
Styrene	ND	57	47	ug/kg	83		SW846 8260B
	ND	40	16	ug/kg	41 p	97	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	57	59	ug/kg	104		SW846 8260B
	ND	40	38	ug/kg	94	44	SW846 8260B
Tetrachloroethene	ND	57	55	ug/kg	98		SW846 8260B
	ND	40	22	ug/kg	54 p	87	SW846 8260B
Toluene	**ND**	**57**	**51**	**ug/kg**	**91**		**SW846 8260B**
	ND	**40**	**22**	**ug/kg**	**54 p**	**81**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1GM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1GN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	57	45	ug/kg	80		SW846 8260B
	ND	40	23	ug/kg	57 p	66	SW846 8260B
1,1,1-Trichloroethane	ND	57	57	ug/kg	101		SW846 8260B
	ND	40	22	ug/kg	55 p	89	SW846 8260B
1,1,2-Trichloroethane	ND	57	53	ug/kg	93		SW846 8260B
	ND	40	31	ug/kg	78	51	SW846 8260B
Trichloroethene	**ND**	**57**	**50**	**ug/kg**	**88**		**SW846 8260B**
	ND	**40**	**22**	**ug/kg**	**54 p**	**78**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	57	54	ug/kg	96		SW846 8260B
	ND	40	25	ug/kg	63 p	73	SW846 8260B
1,2,4-Trimethylbenzene	0.70	57	56	ug/kg	98		SW846 8260B
	0.70	40	19	ug/kg	45 a,p	101	SW846 8260B
1,3,5-Trimethylbenzene	0.67	57	57	ug/kg	100		SW846 8260B
	0.67	40	18	ug/kg	44 a,p	103	SW846 8260B
Vinyl chloride	ND	57	40	ug/kg	71		SW846 8260B
	ND	40	18	ug/kg	44	79	SW846 8260B
Xylenes (total)	ND	170	160	ug/kg	95		SW846 8260B
	ND	120	56	ug/kg	47 p	97	SW846 8260B
Methyl tert-butyl ether	ND	57	52	ug/kg	92		SW846 8260B
	ND	40	36	ug/kg	91 p	36	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(59 - 138)
	89	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	104	(61 - 130)
Toluene-d8	81	(60 - 143)
	74	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	81	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1GM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1GN-MSD
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7341231
Dilution Factor: 0.97

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	90	(10 - 200)			SW846 8260B
	203 a	(10 - 200)	20	(0-66)	SW846 8260B
Benzene	**90**	**(55 - 138)**			**SW846 8260B**
	66 p	**(55 - 138)**	**63**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	96	(47 - 131)			SW846 8260B
	55 p	(47 - 131)	85	(0-51)	SW846 8260B
Bromoform	74	(26 - 141)			SW846 8260B
	43 p	(26 - 141)	84	(0-64)	SW846 8260B
Bromomethane	99	(15 - 152)			SW846 8260B
	121	(15 - 152)	14	(0-72)	SW846 8260B
2-Butanone	84	(21 - 195)			SW846 8260B
	139	(21 - 195)	12	(0-60)	SW846 8260B
Carbon disulfide	88	(27 - 149)			SW846 8260B
	40 p	(27 - 149)	101	(0-73)	SW846 8260B
Carbon tetrachloride	90	(32 - 143)			SW846 8260B
	40 p	(32 - 143)	104	(0-68)	SW846 8260B
Chlorobenzene	**92**	**(49 - 139)**			**SW846 8260B**
	59 p	**(49 - 139)**	**75**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	85	(44 - 135)			SW846 8260B
	45 p	(44 - 135)	92	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	104	(50 - 150)			SW846 8260B
	86 p	(50 - 150)	53	(0-20)	SW846 8260B
Chloroethane	85	(32 - 140)			SW846 8260B
	62	(32 - 140)	64	(0-66)	SW846 8260B
Chloroform	93	(59 - 128)			SW846 8260B
	67 p	(59 - 128)	65	(0-46)	SW846 8260B
Chloromethane	62	(28 - 130)			SW846 8260B
	46	(28 - 130)	62	(0-81)	SW846 8260B
Cyclohexane	76	(50 - 150)			SW846 8260B
	48 a,p	(50 - 150)	76	(0-20)	SW846 8260B
1,2-Dibromoethane	91	(50 - 150)			SW846 8260B
	71 p	(50 - 150)	58	(0-20)	SW846 8260B
1,2-Dichlorobenzene	86	(50 - 150)			SW846 8260B
	63 p	(50 - 150)	64	(0-20)	SW846 8260B
1,3-Dichlorobenzene	93	(50 - 150)			SW846 8260B
	60 p	(50 - 150)	75	(0-20)	SW846 8260B
1,4-Dichlorobenzene	91	(50 - 150)			SW846 8260B
	59 p	(50 - 150)	74	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1GM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1GN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	54	(50 - 150)			SW846 8260B
	35 a,p	(50 - 150)	74	(0-20)	SW846 8260B
1,1-Dichloroethane	93	(56 - 130)			SW846 8260B
	74 p	(56 - 130)	56	(0-54)	SW846 8260B
1,2-Dichloroethane	97	(56 - 126)			SW846 8260B
	94	(56 - 126)	37	(0-38)	SW846 8260B
1,1-Dichloroethene	**90**	**(43 - 147)**			**SW846 8260B**
	63 p	**(43 - 147)**	**67**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	85	(48 - 127)			SW846 8260B
	64 p	(48 - 127)	61	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	84	(47 - 127)			SW846 8260B
	63 p	(47 - 127)	62	(0-58)	SW846 8260B
1,2-Dichloropropane	97	(54 - 125)			SW846 8260B
	70 p	(54 - 125)	65	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	87	(30 - 138)			SW846 8260B
	42 p	(30 - 138)	98	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	92	(34 - 134)			SW846 8260B
	39 p	(34 - 134)	108	(0-57)	SW846 8260B
Ethylbenzene	94	(36 - 133)			SW846 8260B
	49 p	(36 - 133)	92	(0-72)	SW846 8260B
Trichlorofluoromethane	98	(50 - 150)			SW846 8260B
	57 p	(50 - 150)	83	(0-20)	SW846 8260B
2-Hexanone	102	(20 - 190)			SW846 8260B
	113	(20 - 190)	24	(0-70)	SW846 8260B
Isopropylbenzene	96	(50 - 150)			SW846 8260B
	44 a,p	(50 - 150)	102	(0-20)	SW846 8260B
Methyl acetate	109	(50 - 150)			SW846 8260B
	177 a	(50 - 150)	14	(0-20)	SW846 8260B
Methylcyclohexane	81	(50 - 150)			SW846 8260B
	35 a,p	(50 - 150)	106	(0-20)	SW846 8260B
Methylene chloride	83	(45 - 129)			SW846 8260B
	76	(45 - 129)	42	(0-49)	SW846 8260B
4-Methyl-2-pentanone	104	(42 - 143)			SW846 8260B
	112	(42 - 143)	27	(0-60)	SW846 8260B
Styrene	83	(23 - 136)			SW846 8260B
	41 p	(23 - 136)	97	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	104	(33 - 162)			SW846 8260B
	94	(33 - 162)	44	(0-90)	SW846 8260B
Tetrachloroethene	98	(31 - 137)			SW846 8260B
	54 p	(31 - 137)	87	(0-81)	SW846 8260B
Toluene	**91**	**(46 - 147)**			**SW846 8260B**
	54 p	**(46 - 147)**	**81**	**(0-24)**	**SW846 8260B**

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1GM-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1GN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	80	(50 - 150)			SW846 8260B
	57 p	(50 - 150)	66	(0-20)	SW846 8260B
1,1,1-Trichloroethane	101	(48 - 132)			SW846 8260B
	55 p	(48 - 132)	89	(0-57)	SW846 8260B
1,1,2-Trichloroethane	93	(58 - 128)			SW846 8260B
	78	(58 - 128)	51	(0-52)	SW846 8260B
Trichloroethene	**88**	**(46 - 143)**			**SW846 8260B**
	54 p	**(46 - 143)**	**78**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	96	(50 - 150)			SW846 8260B
	63 p	(50 - 150)	73	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	98	(70 - 130)			SW846 8260B
	45 a,p	(70 - 130)	101	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	44 a,p	(70 - 130)	103	(0-30)	SW846 8260B
Vinyl chloride	71	(30 - 136)			SW846 8260B
	44	(30 - 136)	79	(0-80)	SW846 8260B
Xylenes (total)	95	(33 - 135)			SW846 8260B
	47 p	(33 - 135)	97	(0-78)	SW846 8260B
Methyl tert-butyl ether	92	(70 - 130)			SW846 8260B
	91 p	(70 - 130)	36	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(59 - 138)
	89	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	104	(61 - 130)
Toluene-d8	81	(60 - 143)
	74	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	81	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L060000-052

Prep Date.....: 12/06/07
Analysis Date..: 12/07/07 **Prep Batch #...:** 7340052
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	**60**	**50**	**ug/kg**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	65	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	68	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	56	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L060000-052
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	570	ug/kg	85	SW846 8270C
Pyridine	670	430	ug/kg	64	SW846 8270C
Acenaphthene	**670**	**510**	**ug/kg**	**76**	**SW846 8270C**
Acenaphthylene	670	490	ug/kg	74	SW846 8270C
Acetophenone	670	490	ug/kg	74	SW846 8270C
Anthracene	670	570	ug/kg	86	SW846 8270C
Atrazine	670	670	ug/kg	100	SW846 8270C
Benzo(a)anthracene	670	540	ug/kg	82	SW846 8270C
Benzo(a)pyrene	670	530	ug/kg	80	SW846 8270C
Benzo(b)fluoranthene	670	510	ug/kg	77	SW846 8270C
Benzo(ghi)perylene	670	550	ug/kg	83	SW846 8270C
Benzo(k)fluoranthene	670	590	ug/kg	88	SW846 8270C
Benzaldehyde	670	590	ug/kg	88	SW846 8270C
1,1'-Biphenyl	670	460	ug/kg	69	SW846 8270C
bis(2-Chloroethoxy) methane	670	510	ug/kg	76	SW846 8270C
bis(2-Chloroethyl)- ether	670	530	ug/kg	80	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	590	ug/kg	89	SW846 8270C
4-Bromophenyl phenyl ether	670	580	ug/kg	88	SW846 8270C
Butyl benzyl phthalate	670	580	ug/kg	87	SW846 8270C
Caprolactam	670	550	ug/kg	82	SW846 8270C
Carbazole	670	580	ug/kg	87	SW846 8270C
4-Chloroaniline	670	240	ug/kg	36	SW846 8270C
4-Chloro-3-methylphenol	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
2-Chloronaphthalene	670	510	ug/kg	76	SW846 8270C
2-Chlorophenol	**670**	**490**	**ug/kg**	**73**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	560	ug/kg	83	SW846 8270C
Chrysene	670	560	ug/kg	84	SW846 8270C
Dibenz(a,h)anthracene	670	570	ug/kg	86	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L060000-052

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	500	ug/kg	75	SW846 8270C
3,3'-Dichlorobenzidine	670	300	ug/kg	45	SW846 8270C
2,4-Dichlorophenol	670	470	ug/kg	71	SW846 8270C
Diethyl phthalate	670	570	ug/kg	86	SW846 8270C
2,4-Dimethylphenol	670	410	ug/kg	61	SW846 8270C
Dimethyl phthalate	670	550	ug/kg	82	SW846 8270C
Di-n-butyl phthalate	670	600	ug/kg	90	SW846 8270C
4,6-Dinitro-2-methylphenol	670	490	ug/kg	73	SW846 8270C
2,4-Dinitrophenol	670	330	ug/kg	50	SW846 8270C
2,4-Dinitrotoluene	**670**	**610**	**ug/kg**	**92**	**SW846 8270C**
2,6-Dinitrotoluene	670	590	ug/kg	89	SW846 8270C
Di-n-octyl phthalate	670	570	ug/kg	86	SW846 8270C
Fluoranthene	670	590	ug/kg	89	SW846 8270C
Fluorene	670	520	ug/kg	79	SW846 8270C
Hexachlorobenzene	670	560	ug/kg	84	SW846 8270C
Hexachlorobutadiene	670	530	ug/kg	79	SW846 8270C
Hexachlorocyclopenta-diene	670	500	ug/kg	75	SW846 8270C
Hexachloroethane	670	550	ug/kg	82	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	580	ug/kg	88	SW846 8270C
Isophorone	670	560	ug/kg	84	SW846 8270C
2-Methylnaphthalene	670	540	ug/kg	80	SW846 8270C
2-Methylphenol	670	490	ug/kg	73	SW846 8270C
4-Methylphenol	1300	990	ug/kg	74	SW846 8270C
Naphthalene	670	500	ug/kg	74	SW846 8270C
2-Nitroaniline	670	590	ug/kg	89	SW846 8270C
3-Nitroaniline	670	450	ug/kg	67	SW846 8270C
4-Nitroaniline	670	560	ug/kg	84	SW846 8270C
Nitrobenzene	670	520	ug/kg	78	SW846 8270C
2-Nitrophenol	670	430	ug/kg	64	SW846 8270C
4-Nitrophenol	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**590**	**ug/kg**	**89**	**SW846 8270C**
N-Nitrosodiphenylamine	670	560	ug/kg	84	SW846 8270C
Pentachlorophenol	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
Phenanthrene	670	550	ug/kg	83	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L060000-052

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**510**	**ug/kg**	**76**	**SW846 8270C**
Pyrene	**670**	**580**	**ug/kg**	**87**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	460	ug/kg	69	SW846 8270C
2,4,6-Trichloro-phenol	670	460	ug/kg	69	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
Terphenyl-d14	89	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	75	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L060000-052
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	85	(36 - 116)	SW846 8270C
Pyridine	64	(22 - 110)	SW846 8270C
Acenaphthene	**76**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	74	(47 - 110)	SW846 8270C
Acetophenone	74	(50 - 130)	SW846 8270C
Anthracene	86	(56 - 111)	SW846 8270C
Atrazine	100	(50 - 130)	SW846 8270C
Benzo(a)anthracene	82	(58 - 111)	SW846 8270C
Benzo(a)pyrene	80	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	77	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	83	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	88	(38 - 122)	SW846 8270C
Benzaldehyde	88	(10 - 130)	SW846 8270C
1,1'-Biphenyl	69	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	76	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	80	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	89	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	88	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	87	(57 - 121)	SW846 8270C
Caprolactam	82	(50 - 130)	SW846 8270C
Carbazole	87	(56 - 115)	SW846 8270C
4-Chloroaniline	36	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**79**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	76	(46 - 110)	SW846 8270C
2-Chlorophenol	**73**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	83	(53 - 110)	SW846 8270C
Chrysene	84	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	86	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L060000-052

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	75	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	45	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	71	(40 - 110)	SW846 8270C
Diethyl phthalate	86	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	61	(28 - 110)	SW846 8270C
Dimethyl phthalate	82	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	90	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	73	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	50	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**92**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	89	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	86	(45 - 123)	SW846 8270C
Fluoranthene	89	(55 - 118)	SW846 8270C
Fluorene	79	(51 - 110)	SW846 8270C
Hexachlorobenzene	84	(51 - 110)	SW846 8270C
Hexachlorobutadiene	79	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	75	(10 - 110)	SW846 8270C
Hexachloroethane	82	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	88	(45 - 121)	SW846 8270C
Isophorone	84	(46 - 117)	SW846 8270C
2-Methylnaphthalene	80	(46 - 110)	SW846 8270C
2-Methylphenol	73	(36 - 110)	SW846 8270C
4-Methylphenol	74	(40 - 110)	SW846 8270C
Naphthalene	74	(42 - 110)	SW846 8270C
2-Nitroaniline	89	(47 - 124)	SW846 8270C
3-Nitroaniline	67	(44 - 110)	SW846 8270C
4-Nitroaniline	84	(50 - 110)	SW846 8270C
Nitrobenzene	78	(40 - 110)	SW846 8270C
2-Nitrophenol	64	(35 - 110)	SW846 8270C
4-Nitrophenol	**78**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**89**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	84	(54 - 112)	SW846 8270C
Pentachlorophenol	**60**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	83	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDJWW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L060000-052

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**76**	**(39 - 110)**	**SW846 8270C**
Pyrene	**87**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	69	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	69	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
Terphenyl-d14	89	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	75	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	770	810	ug/kg	104		SW846 8270C
	ND	770	670	ug/kg	86	19	SW846 8270C
Pyridine	ND	770	280	ug/kg	36		SW846 8270C
	ND	770	240	ug/kg	31	16	SW846 8270C
Acenaphthene	**ND**	**770**	**580**	**ug/kg**	**76**		**SW846 8270C**
	ND	**770**	**480**	**ug/kg**	**62**	**20**	**SW846 8270C**
Acenaphthylene	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	480	ug/kg	62	19	SW846 8270C
Acetophenone	ND	770	530	ug/kg	69		SW846 8270C
	ND	770	430	ug/kg	55	21	SW846 8270C
Anthracene	ND	770	650	ug/kg	84		SW846 8270C
	ND	770	530	ug/kg	68	22	SW846 8270C
Atrazine	ND	770	740	ug/kg	95		SW846 8270C
	ND	770	610	ug/kg	79	19	SW846 8270C
Benzo(a)anthracene	ND	770	600	ug/kg	78		SW846 8270C
	ND	770	500	ug/kg	64	19	SW846 8270C
Benzo(a)pyrene	ND	770	590	ug/kg	77		SW846 8270C
	ND	770	490	ug/kg	64	18	SW846 8270C
Benzo(b)fluoranthene	ND	770	620	ug/kg	80		SW846 8270C
	ND	770	510	ug/kg	66	20	SW846 8270C
Benzo(ghi)perylene	ND	770	630	ug/kg	82		SW846 8270C
	ND	770	530	ug/kg	69	17	SW846 8270C
Benzo(k)fluoranthene	ND	770	630	ug/kg	82		SW846 8270C
	ND	770	530	ug/kg	68	19	SW846 8270C
Benzaldehyde	ND	770	560	ug/kg	73		SW846 8270C
	ND	770	460	ug/kg	59	21	SW846 8270C
1,1'-Biphenyl	ND	770	530	ug/kg	68		SW846 8270C
	ND	770	440	ug/kg	57	17	SW846 8270C
bis(2-Chloroethoxy) methane	ND	770	510	ug/kg	67		SW846 8270C
	ND	770	440	ug/kg	57	16	SW846 8270C
bis(2-Chloroethyl)-ether	ND	770	530	ug/kg	69		SW846 8270C
	ND	770	430	ug/kg	56	21	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	69	770	650	ug/kg	75		SW846 8270C
	69	770	610	ug/kg	70	6.2	SW846 8270C
4-Bromophenyl phenyl ether	ND	770	710	ug/kg	92		SW846 8270C
	ND	770	610	ug/kg	78	16	SW846 8270C
Butyl benzyl phthalate	ND	770	640	ug/kg	82		SW846 8270C
	ND	770	530	ug/kg	69	18	SW846 8270C
Caprolactam	ND	770	580	ug/kg	75		SW846 8270C
	ND	770	490	ug/kg	63	18	SW846 8270C
Carbazole	ND	770	660	ug/kg	86		SW846 8270C
	ND	770	540	ug/kg	70	21	SW846 8270C
4-Chloroaniline	ND	770	390	ug/kg	51		SW846 8270C
	ND	770	310	ug/kg	40	23	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**770**	**570**	**ug/kg**	**74**		**SW846 8270C**
	ND	**770**	**450**	**ug/kg**	**59**	**23**	**SW846 8270C**
2-Chloronaphthalene	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	490	ug/kg	63	19	SW846 8270C
2-Chlorophenol	**ND**	**770**	**590**	**ug/kg**	**76**		**SW846 8270C**
	ND	**770**	**470**	**ug/kg**	**60**	**23**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	770	660	ug/kg	85		SW846 8270C
	ND	770	530	ug/kg	68	22	SW846 8270C
Chrysene	ND	770	650	ug/kg	84		SW846 8270C
	ND	770	550	ug/kg	70	18	SW846 8270C
Dibenz(a,h)anthracene	ND	770	690	ug/kg	90		SW846 8270C
	ND	770	570	ug/kg	74	20	SW846 8270C
Dibenzofuran	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	490	ug/kg	63	19	SW846 8270C
3,3'-Dichlorobenzidine	ND	770	340	ug/kg	43		SW846 8270C
	ND	770	290	ug/kg	38	14	SW846 8270C
2,4-Dichlorophenol	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	480	ug/kg	61	21	SW846 8270C
Diethyl phthalate	ND	770	650	ug/kg	84		SW846 8270C
	ND	770	520	ug/kg	68	22	SW846 8270C
2,4-Dimethylphenol	ND	770	510	ug/kg	66		SW846 8270C
	ND	770	400	ug/kg	52	23	SW846 8270C
Dimethyl phthalate	ND	770	640	ug/kg	83		SW846 8270C
	ND	770	520	ug/kg	67	20	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	770	710	ug/kg	91		SW846 8270C
	ND	770	570	ug/kg	73	22	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	770	560	ug/kg	73		SW846 8270C
	ND	770	440	ug/kg	57	25	SW846 8270C
2,4-Dinitrophenol	ND	770	440	ug/kg	56		SW846 8270C
	ND	770	310	ug/kg	40 p	34	SW846 8270C
2,4-Dinitrotoluene	**ND**	**770**	**690**	**ug/kg**	**90**		**SW846 8270C**
	ND	**770**	**560**	**ug/kg**	**72**	**21**	**SW846 8270C**
2,6-Dinitrotoluene	ND	770	680	ug/kg	87		SW846 8270C
	ND	770	550	ug/kg	70	21	SW846 8270C
Di-n-octyl phthalate	ND	770	640	ug/kg	82		SW846 8270C
	ND	770	520	ug/kg	67	20	SW846 8270C
Fluoranthene	ND	770	700	ug/kg	90		SW846 8270C
	ND	770	540	ug/kg	69	26	SW846 8270C
Fluorene	ND	770	640	ug/kg	83		SW846 8270C
	ND	770	510	ug/kg	66	23	SW846 8270C
Hexachlorobenzene	ND	770	670	ug/kg	87		SW846 8270C
	ND	770	550	ug/kg	71	19	SW846 8270C
Hexachlorobutadiene	ND	770	610	ug/kg	78		SW846 8270C
	ND	770	490	ug/kg	63	22	SW846 8270C
Hexachlorocyclopenta-diene	ND	770	330	ug/kg	42		SW846 8270C
	ND	770	310	ug/kg	40	6.3	SW846 8270C
Hexachloroethane	ND	770	550	ug/kg	71		SW846 8270C
	ND	770	450	ug/kg	57	21	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	770	660	ug/kg	86		SW846 8270C
	ND	770	550	ug/kg	71	19	SW846 8270C
Isophorone	ND	770	580	ug/kg	74		SW846 8270C
	ND	770	480	ug/kg	62	19	SW846 8270C
2-Methylnaphthalene	ND	770	620	ug/kg	81		SW846 8270C
	ND	770	520	ug/kg	67	18	SW846 8270C
2-Methylphenol	ND	770	540	ug/kg	69		SW846 8270C
	ND	770	430	ug/kg	56	21	SW846 8270C
4-Methylphenol	ND	1500	1100	ug/kg	71		SW846 8270C
	ND	1500	870	ug/kg	56	23	SW846 8270C
Naphthalene	ND	770	570	ug/kg	74		SW846 8270C
	ND	770	470	ug/kg	60	21	SW846 8270C
2-Nitroaniline	ND	770	660	ug/kg	86		SW846 8270C
	ND	770	540	ug/kg	70	20	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	770	540	ug/kg	70		SW846 8270C
	ND	770	450	ug/kg	58	19	SW846 8270C
4-Nitroaniline	ND	770	620	ug/kg	80		SW846 8270C
	ND	770	500	ug/kg	65	20	SW846 8270C
Nitrobenzene	ND	770	550	ug/kg	71		SW846 8270C
	ND	770	460	ug/kg	60	17	SW846 8270C
2-Nitrophenol	ND	770	570	ug/kg	74		SW846 8270C
	ND	770	460	ug/kg	59	21	SW846 8270C
4-Nitrophenol	**ND**	**770**	**620**	**ug/kg**	**80**		**SW846 8270C**
	ND	**770**	**490**	**ug/kg**	**63**	**24**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**770**	**600**	**ug/kg**	**78**		**SW846 8270C**
	ND	**770**	**490**	**ug/kg**	**64**	**20**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	770	670	ug/kg	87		SW846 8270C
	ND	770	550	ug/kg	71	20	SW846 8270C
Pentachlorophenol	**ND**	**770**	**540**	**ug/kg**	**70**		**SW846 8270C**
	ND	**770**	**450**	**ug/kg**	**57**	**19**	**SW846 8270C**
Phenanthrene	ND	770	630	ug/kg	81		SW846 8270C
	ND	770	510	ug/kg	66	20	SW846 8270C
Phenol	**ND**	**770**	**510**	**ug/kg**	**66**		**SW846 8270C**
	ND	**770**	**400**	**ug/kg**	**52**	**23**	**SW846 8270C**
Pyrene	**ND**	**770**	**720**	**ug/kg**	**93**		**SW846 8270C**
	ND	**770**	**580**	**ug/kg**	**75**	**21**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	470	ug/kg	60	23	SW846 8270C
2,4,6-Trichloro-phenol	ND	770	590	ug/kg	76		SW846 8270C
	ND	770	480	ug/kg	62	20	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
	54	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	100	(41 - 119)
	80	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	61	(28 - 110)
	50	(28 - 110)
2-Fluorophenol	63	(26 - 110)
	51	(26 - 110)
2,4,6-Tribromophenol	89	(10 - 118)
	70	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/06/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7340052
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	104	(25 - 124)			SW846 8270C
	86	(25 - 124)	19	(0-30)	SW846 8270C
Pyridine	36	(10 - 110)			SW846 8270C
	31	(10 - 110)	16	(0-30)	SW846 8270C
Acenaphthene	**76**	**(10 - 200)**			**SW846 8270C**
	62	**(10 - 200)**	**20**	**(0-30)**	**SW846 8270C**
Acenaphthylene	75	(10 - 200)			SW846 8270C
	62	(10 - 200)	19	(0-30)	SW846 8270C
Acetophenone	69	(50 - 130)			SW846 8270C
	55	(50 - 130)	21	(0-30)	SW846 8270C
Anthracene	84	(10 - 200)			SW846 8270C
	68	(10 - 200)	22	(0-30)	SW846 8270C
Atrazine	95	(50 - 130)			SW846 8270C
	79	(50 - 130)	19	(0-30)	SW846 8270C
Benzo(a)anthracene	78	(10 - 200)			SW846 8270C
	64	(10 - 200)	19	(0-30)	SW846 8270C
Benzo(a)pyrene	77	(10 - 200)			SW846 8270C
	64	(10 - 200)	18	(0-30)	SW846 8270C
Benzo(b)fluoranthene	80	(10 - 200)			SW846 8270C
	66	(10 - 200)	20	(0-30)	SW846 8270C
Benzo(ghi)perylene	82	(10 - 200)			SW846 8270C
	69	(10 - 200)	17	(0-30)	SW846 8270C
Benzo(k)fluoranthene	82	(10 - 200)			SW846 8270C
	68	(10 - 200)	19	(0-30)	SW846 8270C
Benzaldehyde	73	(10 - 130)			SW846 8270C
	59	(10 - 130)	21	(0-30)	SW846 8270C
1,1'-Biphenyl	68	(50 - 130)			SW846 8270C
	57	(50 - 130)	17	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	67	(36 - 110)			SW846 8270C
	57	(36 - 110)	16	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	69	(32 - 118)			SW846 8270C
	56	(32 - 118)	21	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	75	(10 - 200)			SW846 8270C
	70	(10 - 200)	6.2	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	92	(44 - 120)			SW846 8270C
	78	(44 - 120)	16	(0-30)	SW846 8270C
Butyl benzyl phthalate	82	(43 - 138)			SW846 8270C
	69	(43 - 138)	18	(0-30)	SW846 8270C
Caprolactam	75	(50 - 130)			SW846 8270C
	63	(50 - 130)	18	(0-30)	SW846 8270C
Carbazole	86	(10 - 162)			SW846 8270C
	70	(10 - 162)	21	(0-30)	SW846 8270C
4-Chloroaniline	51	(11 - 110)			SW846 8270C
	40	(11 - 110)	23	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**74**	**(32 - 117)**			**SW846 8270C**
	59	**(32 - 117)**	**23**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	76	(40 - 110)			SW846 8270C
	63	(40 - 110)	19	(0-30)	SW846 8270C
2-Chlorophenol	**76**	**(32 - 110)**			**SW846 8270C**
	60	**(32 - 110)**	**23**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	85	(47 - 116)			SW846 8270C
	68	(47 - 116)	22	(0-30)	SW846 8270C
Chrysene	84	(10 - 200)			SW846 8270C
	70	(10 - 200)	18	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	90	(10 - 200)			SW846 8270C
	74	(10 - 200)	20	(0-30)	SW846 8270C
Dibenzofuran	76	(10 - 200)			SW846 8270C
	63	(10 - 200)	19	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	43	(10 - 110)			SW846 8270C
	38	(10 - 110)	14	(0-30)	SW846 8270C
2,4-Dichlorophenol	76	(33 - 110)			SW846 8270C
	61	(33 - 110)	21	(0-30)	SW846 8270C
Diethyl phthalate	84	(48 - 118)			SW846 8270C
	68	(48 - 118)	22	(0-30)	SW846 8270C
2,4-Dimethylphenol	66	(19 - 114)			SW846 8270C
	52	(19 - 114)	23	(0-30)	SW846 8270C
Dimethyl phthalate	83	(47 - 116)			SW846 8270C
	67	(47 - 116)	20	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	91	(31 - 145)			SW846 8270C
	73	(31 - 145)	22	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	73	(10 - 110)			SW846 8270C
	57	(10 - 110)	25	(0-30)	SW846 8270C
2,4-Dinitrophenol	56	(10 - 110)			SW846 8270C
	40 p	(10 - 110)	34	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**90**	**(42 - 118)**			**SW846 8270C**
	72	**(42 - 118)**	**21**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	87	(28 - 137)			SW846 8270C
	70	(28 - 137)	21	(0-30)	SW846 8270C
Di-n-octyl phthalate	82	(10 - 182)			SW846 8270C
	67	(10 - 182)	20	(0-30)	SW846 8270C
Fluoranthene	90	(10 - 200)			SW846 8270C
	69	(10 - 200)	26	(0-30)	SW846 8270C
Fluorene	83	(10 - 187)			SW846 8270C
	66	(10 - 187)	23	(0-30)	SW846 8270C
Hexachlorobenzene	87	(37 - 122)			SW846 8270C
	71	(37 - 122)	19	(0-30)	SW846 8270C
Hexachlorobutadiene	78	(30 - 110)			SW846 8270C
	63	(30 - 110)	22	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	42	(10 - 110)			SW846 8270C
	40	(10 - 110)	6.3	(0-30)	SW846 8270C
Hexachloroethane	71	(13 - 110)			SW846 8270C
	57	(13 - 110)	21	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(10 - 200)			SW846 8270C
	71	(10 - 200)	19	(0-30)	SW846 8270C
Isophorone	74	(32 - 129)			SW846 8270C
	62	(32 - 129)	19	(0-30)	SW846 8270C
2-Methylnaphthalene	81	(10 - 200)			SW846 8270C
	67	(10 - 200)	18	(0-30)	SW846 8270C
2-Methylphenol	69	(19 - 124)			SW846 8270C
	56	(19 - 124)	21	(0-30)	SW846 8270C
4-Methylphenol	71	(27 - 116)			SW846 8270C
	56	(27 - 116)	23	(0-30)	SW846 8270C
Naphthalene	74	(10 - 200)			SW846 8270C
	60	(10 - 200)	21	(0-30)	SW846 8270C
2-Nitroaniline	86	(31 - 141)			SW846 8270C
	70	(31 - 141)	20	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	70	(24 - 110)			SW846 8270C
	58	(24 - 110)	19	(0-30)	SW846 8270C
4-Nitroaniline	80	(23 - 124)			SW846 8270C
	65	(23 - 124)	20	(0-30)	SW846 8270C
Nitrobenzene	71	(33 - 111)			SW846 8270C
	60	(33 - 111)	17	(0-30)	SW846 8270C
2-Nitrophenol	74	(17 - 110)			SW846 8270C
	59	(17 - 110)	21	(0-30)	SW846 8270C
4-Nitrophenol	**80**	**(10 - 125)**			**SW846 8270C**
	63	**(10 - 125)**	**24**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**78**	**(30 - 121)**			**SW846 8270C**
	64	**(30 - 121)**	**20**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	87	(10 - 169)			SW846 8270C
	71	(10 - 169)	20	(0-30)	SW846 8270C
Pentachlorophenol	**70**	**(10 - 182)**			**SW846 8270C**
	57	**(10 - 182)**	**19**	**(0-30)**	**SW846 8270C**
Phenanthrene	81	(10 - 200)			SW846 8270C
	66	(10 - 200)	20	(0-30)	SW846 8270C
Phenol	**66**	**(10 - 144)**			**SW846 8270C**
	52	**(10 - 144)**	**23**	**(0-30)**	**SW846 8270C**
Pyrene	**93**	**(10 - 200)**			**SW846 8270C**
	75	**(10 - 200)**	**21**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	76	(32 - 112)			SW846 8270C
	60	(32 - 112)	23	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	76	(22 - 110)			SW846 8270C
	62	(22 - 110)	20	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
	54	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	100	(41 - 119)
	80	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	61	(28 - 110)
	50	(28 - 110)
2-Fluorophenol	63	(26 - 110)
	51	(26 - 110)
2,4,6-Tribromophenol	89	(10 - 118)
	70	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHQP1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L050000-434

Prep Date.....: 12/05/07
Analysis Date..: 12/10/07 **Prep Batch #...:** 7339434
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 196)
Decachlorobiphenyl	65	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHQP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-434
Prep Date.....: 12/05/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7339434
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**200**	**ug/kg**	**61**	**SW846 8082**
Aroclor 1260	**330**	**190**	**ug/kg**	**58**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(10 - 196)
Decachlorobiphenyl	69	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHQP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L050000-434
Prep Date.....: 12/05/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7339434
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**61**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**58**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(10 - 196)
Decachlorobiphenyl	69	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1A2-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1A3-MSD
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7339434
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**390**	**290**	**ug/kg**	**75**		**SW846 8082**
	ND	**390**	**200**	**ug/kg**	**50 p**	**39**	**SW846 8082**
Aroclor 1260	**ND**	**390**	**260**	**ug/kg**	**66**		**SW846 8082**
	ND	**390**	**180**	**ug/kg**	**47 p**	**34**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 196)
	52	(10 - 196)
Decachlorobiphenyl	75	(10 - 199)
	54	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L050288 **Work Order #...:** KDHJN1A2-MS **Matrix.....:** SO
MS Lot-Sample #: A7L050288-002 KDHJN1A3-MSD
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07
Prep Date.....: 12/05/07 **Analysis Date..:** 12/10/07
Prep Batch #...: 7339434
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**75**	**(10 - 199)**			**SW846 8082**
	50 p	**(10 - 199)**	**39**	**(0-30)**	**SW846 8082**
Aroclor 1260	**66**	**(10 - 199)**			**SW846 8082**
	47 p	**(10 - 199)**	**34**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 196)
	52	(10 - 196)
Decachlorobiphenyl	75	(10 - 199)
	54	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L060000-036 **Prep Batch #...:** 7340036						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AH
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	12/06/07	KDJV61A2
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	12/06/07	KDJV61AA
		Dilution Factor: 1				
Barium	**0.13 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDJV61AJ**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AK
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AL
		Dilution Factor: 1				
Calcium	ND	400	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AM
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61A0
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AN
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AP
		Dilution Factor: 1				
Iron	**17.4**	**8.0**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDJV61AQ**
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61A1
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AR
		Dilution Factor: 1				
Manganese	**0.098 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDJV61AT**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	12/06/07	KDJV61AG
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AU
		Dilution Factor: 1				
Potassium	**20.0 B**	**400**	**mg/kg**	**SW846 6010B**	**12/06-12/07/07**	**KDJV61AV**
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	12/06/07	KDJV61AC
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	12/06/07	KDJV61AD
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AW
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	12/06/07	KDJV61AE
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/06-12/07/07	KDJV61AX
		Dilution Factor: 1				
Zinc	**0.49 B**	**0.80**	**mg/kg**	**SW846 6020**	**12/06/07**	**KDJV61AF**
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L060000-036 **Prep Batch #...:** 7340036							
Arsenic	10.0	8.5	mg/kg	85	SW846 6020	12/06/07	KDJV61A3
			Dilution Factor: 1				
Selenium	10.0	8.5	mg/kg	85	SW846 6020	12/06/07	KDJV61A4
			Dilution Factor: 1				
Silver	5.0	4.8	mg/kg	97	SW846 6020	12/06/07	KDJV61A5
			Dilution Factor: 10				
Thallium	10.0	9.0	mg/kg	90	SW846 6020	12/06/07	KDJV61A6
			Dilution Factor: 1				
Zinc	10.0	10.1	mg/kg	101	SW846 6020	12/06/07	KDJV61A7
			Dilution Factor: 1				
Mercury	0.83	0.85	mg/kg	101	SW846 7471A	12/06/07	KDJV61A8
			Dilution Factor: 1				
Aluminum	200	179	mg/kg	89	SW846 6010B	12/06-12/07/07	KDJV61A9
			Dilution Factor: 1				
Barium	200	174	mg/kg	87	SW846 6010B	12/06-12/07/07	KDJV61CA
			Dilution Factor: 1				
Beryllium	5.0	4.6	mg/kg	92	SW846 6010B	12/06-12/07/07	KDJV61CC
			Dilution Factor: 1				
Cadmium	5.0	4.4	mg/kg	89	SW846 6010B	12/06-12/07/07	KDJV61CD
			Dilution Factor: 1				
Calcium	5000	4350	mg/kg	87	SW846 6010B	12/06-12/07/07	KDJV61CE
			Dilution Factor: 1				
Cobalt	50.0	45.0	mg/kg	90	SW846 6010B	12/06-12/07/07	KDJV61CF
			Dilution Factor: 1				
Copper	25.0	22.1	mg/kg	88	SW846 6010B	12/06-12/07/07	KDJV61CG
			Dilution Factor: 1				
Iron	100	95.5	mg/kg	95	SW846 6010B	12/06-12/07/07	KDJV61CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5000	4320	mg/kg	86	SW846 6010B	12/06-12/07/07	KDJV61CJ
			Dilution Factor: 1				
Manganese	50.0	44.8	mg/kg	90	SW846 6010B	12/06-12/07/07	KDJV61CK
			Dilution Factor: 1				
Nickel	50.0	44.1	mg/kg	88	SW846 6010B	12/06-12/07/07	KDJV61CL
			Dilution Factor: 1				
Potassium	5000	4390	mg/kg	88	SW846 6010B	12/06-12/07/07	KDJV61CM
			Dilution Factor: 1				
Sodium	5000	4280	mg/kg	86	SW846 6010B	12/06-12/07/07	KDJV61CN
			Dilution Factor: 1				
Vanadium	50.0	43.4	mg/kg	87	SW846 6010B	12/06-12/07/07	KDJV61CP
			Dilution Factor: 1				
Chromium	20.0	17.8	mg/kg	89	SW846 6010B	12/06-12/07/07	KDJV61CQ
			Dilution Factor: 1				
Lead	50.0	44.3	mg/kg	89	SW846 6010B	12/06-12/07/07	KDJV61CR
			Dilution Factor: 1				
Antimony	50.0	45.0	mg/kg	90	SW846 6020	12/06/07	KDJV61CT
			Dilution Factor: 10				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L060000-036 **Prep Batch #...:** 7340036					
Arsenic	85	(73 - 110)	SW846 6020	12/06/07	KDJV61A3
		Dilution Factor: 1			
Selenium	85	(73 - 110)	SW846 6020	12/06/07	KDJV61A4
		Dilution Factor: 1			
Silver	97	(80 - 120)	SW846 6020	12/06/07	KDJV61A5
		Dilution Factor: 10			
Thallium	90	(71 - 110)	SW846 6020	12/06/07	KDJV61A6
		Dilution Factor: 1			
Zinc	101	(72 - 113)	SW846 6020	12/06/07	KDJV61A7
		Dilution Factor: 1			
Mercury	101	(81 - 116)	SW846 7471A	12/06/07	KDJV61A8
		Dilution Factor: 1			
Aluminum	89	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61A9
		Dilution Factor: 1			
Barium	87	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CA
		Dilution Factor: 1			
Beryllium	92	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CC
		Dilution Factor: 1			
Cadmium	89	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CD
		Dilution Factor: 1			
Calcium	87	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CE
		Dilution Factor: 1			
Cobalt	90	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CF
		Dilution Factor: 1			
Copper	88	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CG
		Dilution Factor: 1			
Iron	95	(73 - 137)	SW846 6010B	12/06-12/07/07	KDJV61CH
		Dilution Factor: 1			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	86	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CJ
		Dilution Factor: 1			
Manganese	90	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CK
		Dilution Factor: 1			
Nickel	88	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CL
		Dilution Factor: 1			
Potassium	88	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CM
		Dilution Factor: 1			
Sodium	86	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CN
		Dilution Factor: 1			
Vanadium	87	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CP
		Dilution Factor: 1			
Chromium	89	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CQ
		Dilution Factor: 1			
Lead	89	(80 - 120)	SW846 6010B	12/06-12/07/07	KDJV61CR
		Dilution Factor: 1			
Antimony	90	(80 - 120)	SW846 6020	12/06/07	KDJV61CT
		Dilution Factor: 10			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L050288-002 **Prep Batch #...:** 7340036									
Aluminum									
	6860	234	12800	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1CK
			Qualifiers: NC,MSB						
	6860	234	10800	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1CL
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.13	58.4	25.4 N	mg/kg	43		SW846 6020	12/06/07	KDHJN1D6
	0.13	58.4	28.1 N	mg/kg	48	9.9	SW846 6020	12/06/07	KDHJN1D7
			Dilution Factor: 10						
Arsenic									
	3.4	11.7	14.0	mg/kg	91		SW846 6020	12/06/07	KDHJN1AC
	3.4	11.7	11.5	mg/kg	69	20	SW846 6020	12/06/07	KDHJN1AD
			Dilution Factor: 1						
Barium									
	41.0	234	262	mg/kg	95		SW846 6010B	12/06-12/07/07	KDHJN1CN
	41.0	234	248	mg/kg	89	5.6	SW846 6010B	12/06-12/07/07	KDHJN1CP
			Dilution Factor: 1						
Beryllium									
	0.39	5.8	5.7	mg/kg	91		SW846 6010B	12/06-12/07/07	KDHJN1CR
	0.39	5.8	5.5	mg/kg	88	3.5	SW846 6010B	12/06-12/07/07	KDHJN1CT
			Dilution Factor: 1						
Cadmium									
	0.19	5.8	5.1	mg/kg	84		SW846 6010B	12/06-12/07/07	KDHJN1CV
	0.19	5.8	4.9	mg/kg	82	3.0	SW846 6010B	12/06-12/07/07	KDHJN1CW
			Dilution Factor: 1						
Calcium									
	31100	5840	16400	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1C0
			Qualifiers: NC,MSB						
	31100	5840	26600	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Chromium									
	12.2	23.4	36.9	mg/kg	106		SW846 6010B	12/06-12/07/07	KDHJN1D0
	12.2	23.4	34.5	mg/kg	95	6.8	SW846 6010B	12/06-12/07/07	KDHJN1D1
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	5.3	58.4	56.7	mg/kg	88		SW846 6010B	12/06-12/07/07	KDHJN1C3
	5.3	58.4	54.6	mg/kg	84	3.8	SW846 6010B	12/06-12/07/07	KDHJN1C4
			Dilution Factor: 1						
Copper									
	13.5	29.2	37.2	mg/kg	81		SW846 6010B	12/06-12/07/07	KDHJN1C6
	13.5	29.2	37.7	mg/kg	83	1.3	SW846 6010B	12/06-12/07/07	KDHJN1C7
			Dilution Factor: 1						
Iron									
	13300	117	13700	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1C9
			Qualifiers: NC,MSB						
	13300	117	13500	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1DA
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	15.5	58.4	61.5	mg/kg	79		SW846 6010B	12/06-12/07/07	KDHJN1D3
	15.5	58.4	62.3	mg/kg	80	1.2	SW846 6010B	12/06-12/07/07	KDHJN1D4
			Dilution Factor: 1						
Magnesium									
	8270	5840	9550 N	mg/kg	22		SW846 6010B	12/06-12/07/07	KDHJN1DD
	8270	5840	10500 N	mg/kg	39	9.6	SW846 6010B	12/06-12/07/07	KDHJN1DE
			Dilution Factor: 1						
Manganese									
	251	58.4	237	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1DG
			Qualifiers: NC,MSB						
	251	58.4	290	mg/kg			SW846 6010B	12/06-12/07/07	KDHJN1DH
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.050	0.19	0.22	mg/kg	85		SW846 7471A	12/06/07	KDHJN1CG
	0.050	0.19	0.23	mg/kg	93	7.4	SW846 7471A	12/06/07	KDHJN1CH
			Dilution Factor: 1						
Nickel									
	13.1	58.4	63.3	mg/kg	86		SW846 6010B	12/06-12/07/07	KDHJN1DK
	13.1	58.4	60.1	mg/kg	80	5.2	SW846 6010B	12/06-12/07/07	KDHJN1DL
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	995	5840	6340	mg/kg	92		SW846 6010B	12/06-12/07/07	KDHJN1DN
	995	5840	6310	mg/kg	91	0.45	SW846 6010B	12/06-12/07/07	KDHJN1DP
			Dilution Factor: 1						
Selenium									
	0.27	11.7	9.3	mg/kg	78		SW846 6020	12/06/07	KDHJN1AF
	0.27	11.7	9.0	mg/kg	74	3.9	SW846 6020	12/06/07	KDHJN1AG
			Dilution Factor: 1						
Silver									
	0.059	5.8	5.7	mg/kg	96		SW846 6020	12/06/07	KDHJN1AJ
	0.059	5.8	5.5	mg/kg	92	3.9	SW846 6020	12/06/07	KDHJN1AK
			Dilution Factor: 10						
Sodium									
	166	5840	5100	mg/kg	85		SW846 6010B	12/06-12/07/07	KDHJN1DR
	166	5840	5010	mg/kg	83	1.8	SW846 6010B	12/06-12/07/07	KDHJN1DT
			Dilution Factor: 1						
Thallium									
	0.10	11.7	9.0	mg/kg	76		SW846 6020	12/06/07	KDHJN1AM
	0.10	11.7	9.2	mg/kg	78	2.7	SW846 6020	12/06/07	KDHJN1AN
			Dilution Factor: 1						
Vanadium									
	17.6	58.4	74.6	mg/kg	98		SW846 6010B	12/06-12/07/07	KDHJN1DV
	17.6	58.4	71.4	mg/kg	92	4.3	SW846 6010B	12/06-12/07/07	KDHJN1DW
			Dilution Factor: 1						
Zinc									
	33.0	11.7	48.2	mg/kg	130		SW846 6020	12/06/07	KDHJN1AQ
	33.0	11.7	43.9	mg/kg	93	9.3	SW846 6020	12/06/07	KDHJN1AR
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L050288-002 **Prep Batch #...:** 7340036							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1CK
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1CL
		Dilution Factor: 1					
Antimony	43 N	(75 - 125)			SW846 6020	12/06/07	KDHJN1D6
	48 N	(75 - 125)	9.9	(0-20)	SW846 6020	12/06/07	KDHJN1D7
		Dilution Factor: 10					
Arsenic	91	(23 - 131)			SW846 6020	12/06/07	KDHJN1AC
	69	(23 - 131)	20	(0-20)	SW846 6020	12/06/07	KDHJN1AD
		Dilution Factor: 1					
Barium	95	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1CN
	89	(75 - 125)	5.6	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1CP
		Dilution Factor: 1					
Beryllium	91	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1CR
	88	(75 - 125)	3.5	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1CT
		Dilution Factor: 1					
Cadmium	84	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1CV
	82	(75 - 125)	3.0	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1CW
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1C1
		Dilution Factor: 1					
Chromium	106	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1D0
	95	(75 - 125)	6.8	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1D1
		Dilution Factor: 1					
Cobalt	88	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1C3
	84	(75 - 125)	3.8	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1C4
		Dilution Factor: 1					
Copper	81	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1C6
	83	(75 - 125)	1.3	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1C7
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1C9
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DA
		Dilution Factor: 1					
Lead	79	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1D3
	80	(75 - 125)	1.2	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1D4
		Dilution Factor: 1					
Magnesium	22 N	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1DD
	39 N	(75 - 125)	9.6	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DE
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1DG
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DH
		Dilution Factor: 1					
Mercury	85	(11 - 192)			SW846 7471A	12/06/07	KDHJN1CG
	93	(11 - 192)	7.4	(0-20)	SW846 7471A	12/06/07	KDHJN1CH
		Dilution Factor: 1					
Nickel	86	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1DK
	80	(75 - 125)	5.2	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DL
		Dilution Factor: 1					
Potassium	92	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1DN
	91	(75 - 125)	0.45	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DP
		Dilution Factor: 1					
Selenium	78	(39 - 116)			SW846 6020	12/06/07	KDHJN1AF
	74	(39 - 116)	3.9	(0-20)	SW846 6020	12/06/07	KDHJN1AG
		Dilution Factor: 1					
Silver	96	(75 - 125)			SW846 6020	12/06/07	KDHJN1AJ
	92	(75 - 125)	3.9	(0-20)	SW846 6020	12/06/07	KDHJN1AK
		Dilution Factor: 10					
Sodium	85	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1DR
	83	(75 - 125)	1.8	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DT
		Dilution Factor: 1					
Thallium	76	(62 - 110)			SW846 6020	12/06/07	KDHJN1AM
	78	(62 - 110)	2.7	(0-20)	SW846 6020	12/06/07	KDHJN1AN
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	98	(75 - 125)			SW846 6010B	12/06-12/07/07	KDHJN1DV
	92	(75 - 125)	4.3	(0-20)	SW846 6010B	12/06-12/07/07	KDHJN1DW
		Dilution Factor: 1					
Zinc	130	(10 - 199)			SW846 6020	12/06/07	KDHJN1AQ
	93	(10 - 199)	9.3	(0-20)	SW846 6020	12/06/07	KDHJN1AR
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AA		MB Lot-Sample #:	A7L110000-331	
	ND	0.20	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KDMJ41AA		MB Lot-Sample #:	A7L060000-597	
	ND	0.80	mg/kg	SW846 7196A	12/06/07	7340597
		Dilution Factor: 1				
Percent Solids		Work Order #: KDN7T1AA		MB Lot-Sample #:	A7L060000-410	
	ND	10.0	%	MCAWW 160.3 MOD	12/06-12/07/07	7340410
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC		LCS Lot-Sample#: A7L110000-331			
	33.0	28.4	mg/kg	86	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KDMJ41AC		LCS Lot-Sample#: A7L060000-597			
	644	887	mg/kg	138	SW846 7196A	12/06/07	7340597
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L050288 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC	LCS Lot-Sample#: A7L110000-331		
	86	(68 - 123)	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KDMJ41AC	LCS Lot-Sample#: A7L060000-597		
	138	(10 - 200)	SW846 7196A	12/06/07	7340597
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002		
	ND	2.3	2.2	mg/kg	96		SW846 9012A	12/11/07	7345331
	ND	2.3	2.2	mg/kg	94	2.5	SW846 9012A	12/11/07	7345331

Dilution Factor: 1

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L050288 **Matrix.....:** SO
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002	
	96	(50 - 134)			SW846 9012A	12/11/07	7345331
	94	(50 - 134)	2.5	(0-20)	SW846 9012A	12/11/07	7345331

Dilution Factor: 1

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L050288 **Work Order #...:** KDHJN-SMP KDHJN-DUP **Matrix.....:** SO

Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L050288-002		
	85.7	87.7	%	2.4	(0-20)	MCAWW 160.3 MOD	12/06-12/07/07	7340410

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L050288 **Work Order #...:** KDH7H-SMP KDH7H-DUP **Matrix.....:** SOLID

Date Sampled...: 12/04/07 09:00 **Date Received..:** 12/05/07

% Moisture.....: 3.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L050392-001		
	96.4	96.6	%	0.21	(0-20)	MCAWW 160.3 MOD	12/06-12/07/07	7340410

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021

Lot #: A7L060269

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

December 14, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7L060269

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120507-CB-117 12/05/07 14:20 001				
Trivalent Chromium	6.3	0.46	mg/kg	SW846 7196A
Silver	0.030 B	0.091	mg/kg	SW846 6020
Arsenic	2.6	0.091	mg/kg	SW846 6020
Antimony	0.22	0.18	mg/kg	SW846 6020
Thallium	0.041 B	0.091	mg/kg	SW846 6020
Zinc	14.6	0.91	mg/kg	SW846 6020
Aluminum	3280	18.2	mg/kg	SW846 6010B
Barium	15.2 J	0.91	mg/kg	SW846 6010B
Calcium	2970	456	mg/kg	SW846 6010B
Cobalt	2.6	0.46	mg/kg	SW846 6010B
Chromium	6.3	0.46	mg/kg	SW846 6010B
Copper	8.1	0.91	mg/kg	SW846 6010B
Iron	16300	9.1	mg/kg	SW846 6010B
Potassium	673	456	mg/kg	SW846 6010B
Magnesium	636	91.2	mg/kg	SW846 6010B
Manganese	130	0.91	mg/kg	SW846 6010B
Sodium	210	91.2	mg/kg	SW846 6010B
Nickel	5.7	0.91	mg/kg	SW846 6010B
Lead	8.3	0.27	mg/kg	SW846 6010B
Vanadium	10.2	0.91	mg/kg	SW846 6010B
Phenanthrene	8.9	7.6	ug/kg	SW846 8270C
2-Butanone	1.8 J	21	ug/kg	SW846 8260B
Percent Solids	87.7	10.0	%	MCAWW 160.3 MOD
SO-17322-120507-CB-120 12/05/07 15:20 002				
Aroclor 1248	32 J	38	ug/kg	SW846 8082
Trivalent Chromium	11.6	0.46	mg/kg	SW846 7196A
Silver	0.064 B	0.092	mg/kg	SW846 6020
Arsenic	3.7	0.092	mg/kg	SW846 6020
Antimony	0.097 B	0.18	mg/kg	SW846 6020
Thallium	0.12	0.092	mg/kg	SW846 6020
Zinc	30.6	0.92	mg/kg	SW846 6020
Mercury	0.024 B	0.046	mg/kg	SW846 7471A
Aluminum	7060	18.4	mg/kg	SW846 6010B
Barium	38.3 J	0.92	mg/kg	SW846 6010B
Beryllium	0.12 B	0.18	mg/kg	SW846 6010B
Calcium	63200	2290	mg/kg	SW846 6010B
Cadmium	0.082 B	0.092	mg/kg	SW846 6010B
Cobalt	6.9	0.46	mg/kg	SW846 6010B
Chromium	11.6	0.46	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7L060269

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120507-CB-120 12/05/07 15:20 002				
Copper	11.7	0.92	mg/kg	SW846 6010B
Iron	12200	9.2	mg/kg	SW846 6010B
Potassium	1210	459	mg/kg	SW846 6010B
Magnesium	14200	91.8	mg/kg	SW846 6010B
Manganese	373	0.92	mg/kg	SW846 6010B
Sodium	422	91.8	mg/kg	SW846 6010B
Nickel	14.2	0.92	mg/kg	SW846 6010B
Lead	7.0	0.28	mg/kg	SW846 6010B
Vanadium	16.1	0.92	mg/kg	SW846 6010B
Anthracene	15	7.7	ug/kg	SW846 8270C
Benzo(a)anthracene	61	7.7	ug/kg	SW846 8270C
Benzo(a)pyrene	60	7.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	86	7.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	41	7.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	30	7.7	ug/kg	SW846 8270C
Chrysene	74	7.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	9.9	7.7	ug/kg	SW846 8270C
Fluoranthene	120	7.7	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	37	7.7	ug/kg	SW846 8270C
Phenanthrene	60	7.7	ug/kg	SW846 8270C
Pyrene	97	7.7	ug/kg	SW846 8270C
Acetone	6.6 J	17	ug/kg	SW846 8260B
Benzene	0.22 J	4.1	ug/kg	SW846 8260B
2-Butanone	2.3 J	17	ug/kg	SW846 8260B
Carbon disulfide	0.41 J	4.1	ug/kg	SW846 8260B
Cyclohexane	0.53 J	8.3	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	0.88 J	4.1	ug/kg	SW846 8260B
Ethylbenzene	21	4.1	ug/kg	SW846 8260B
Tetrachloroethene	2.1 J	4.1	ug/kg	SW846 8260B
Trichloroethene	2.7 J	4.1	ug/kg	SW846 8260B
Xylenes (total)	2.0 J	8.3	ug/kg	SW846 8260B
Percent Solids	87.2	10.0	%	MCAWW 160.3 MOD
SO-17322-120507-CB-123 12/05/07 16:40 003				
Trivalent Chromium	8.6	0.47	mg/kg	SW846 7196A
Silver	0.099	0.094	mg/kg	SW846 6020
Arsenic	2.7	0.094	mg/kg	SW846 6020
Antimony	0.25	0.19	mg/kg	SW846 6020
Selenium	0.27	0.20	mg/kg	SW846 6020
Thallium	0.13	0.094	mg/kg	SW846 6020
Zinc	68.0	0.94	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

A7L060269

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120507-CB-123 12/05/07 16:40 003				
Mercury	0.74	0.047	mg/kg	SW846 7471A
Aluminum	4620	18.7	mg/kg	SW846 6010B
Barium	50.8 J	0.94	mg/kg	SW846 6010B
Beryllium	0.091 B	0.19	mg/kg	SW846 6010B
Calcium	9370	468	mg/kg	SW846 6010B
Cadmium	0.27	0.094	mg/kg	SW846 6010B
Cobalt	3.8	0.47	mg/kg	SW846 6010B
Chromium	9.7	0.47	mg/kg	SW846 6010B
Copper	21.5	0.94	mg/kg	SW846 6010B
Iron	8040	9.4	mg/kg	SW846 6010B
Potassium	586	468	mg/kg	SW846 6010B
Magnesium	2860	93.6	mg/kg	SW846 6010B
Manganese	101	0.94	mg/kg	SW846 6010B
Sodium	999	93.6	mg/kg	SW846 6010B
Nickel	9.9	0.94	mg/kg	SW846 6010B
Lead	36.5	0.28	mg/kg	SW846 6010B
Vanadium	11.7	0.94	mg/kg	SW846 6010B
Anthracene	19	7.8	ug/kg	SW846 8270C
Benzo(a)anthracene	130	7.8	ug/kg	SW846 8270C
Benzo(a)pyrene	150	7.8	ug/kg	SW846 8270C
Benzo(b)fluoranthene	160	7.8	ug/kg	SW846 8270C
Benzo(ghi)perylene	170	7.8	ug/kg	SW846 8270C
Benzo(k)fluoranthene	95	7.8	ug/kg	SW846 8270C
Chrysene	140	7.8	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	18	7.8	ug/kg	SW846 8270C
Fluoranthene	280	7.8	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	88	7.8	ug/kg	SW846 8270C
Phenanthrene	87	7.8	ug/kg	SW846 8270C
Pyrene	190	7.8	ug/kg	SW846 8270C
Acetone	20	17	ug/kg	SW846 8260B
2-Butanone	5.3 J	17	ug/kg	SW846 8260B
Hexavalent Chromium	1.1	0.94	mg/kg	SW846 7196A
Percent Solids	85.4	10.0	%	MCAWW 160.3 MOD
SO-17322-120507-CB-124 12/05/07 16:45 004				
Trivalent Chromium	5.0	0.46	mg/kg	SW846 7196A
Silver	0.031 B	0.091	mg/kg	SW846 6020
Arsenic	2.7	0.091	mg/kg	SW846 6020
Antimony	0.15 B	0.18	mg/kg	SW846 6020
Selenium	0.12 B	0.19	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

A7L060269

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120507-CB-124 12/05/07 16:45 004				
Thallium	0.090 B	0.091	mg/kg	SW846 6020
Zinc	21.1	0.91	mg/kg	SW846 6020
Mercury	0.071	0.046	mg/kg	SW846 7471A
Aluminum	3250	18.2	mg/kg	SW846 6010B
Barium	16.8 J	0.91	mg/kg	SW846 6010B
Calcium	7950	456	mg/kg	SW846 6010B
Cobalt	3.0	0.46	mg/kg	SW846 6010B
Chromium	5.6	0.46	mg/kg	SW846 6010B
Copper	11.6	0.91	mg/kg	SW846 6010B
Iron	6120	9.1	mg/kg	SW846 6010B
Potassium	346 B	456	mg/kg	SW846 6010B
Magnesium	2140	91.1	mg/kg	SW846 6010B
Manganese	91.8	0.91	mg/kg	SW846 6010B
Sodium	473	91.1	mg/kg	SW846 6010B
Nickel	5.8	0.91	mg/kg	SW846 6010B
Lead	7.2	0.27	mg/kg	SW846 6010B
Vanadium	10.4	0.91	mg/kg	SW846 6010B
Anthracene	8.2	7.6	ug/kg	SW846 8270C
Benzo(a)anthracene	53	7.6	ug/kg	SW846 8270C
Benzo(a)pyrene	69	7.6	ug/kg	SW846 8270C
Benzo(b)fluoranthene	88	7.6	ug/kg	SW846 8270C
Benzo(ghi)perylene	120	7.6	ug/kg	SW846 8270C
Benzo(k)fluoranthene	37	7.6	ug/kg	SW846 8270C
Chrysene	74	7.6	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	13	7.6	ug/kg	SW846 8270C
Fluoranthene	110	7.6	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	47	7.6	ug/kg	SW846 8270C
Phenanthrene	37	7.6	ug/kg	SW846 8270C
Pyrene	95	7.6	ug/kg	SW846 8270C
Acetone	43	15	ug/kg	SW846 8260B
2-Butanone	11 J	15	ug/kg	SW846 8260B
Hexavalent Chromium	0.61 B	0.91	mg/kg	SW846 7196A
Percent Solids	87.8	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7L060269

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L060269

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDLGJ	001	SO-17322-120507-CB-117	12/05/07	14:20
KDLGP	002	SO-17322-120507-CB-120	12/05/07	15:20
KDLGQ	003	SO-17322-120507-CB-123	12/05/07	16:40
KDLGR	004	SO-17322-120507-CB-124	12/05/07	16:45
KDLGX	005	TB-17322-120507-CB-001	12/05/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

GC/MS Volatiles

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ1AC **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.9
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	6.5
Benzene	ND	5.1	ug/kg	0.24
Bromodichloromethane	ND	5.1	ug/kg	0.29
Bromoform	ND	5.1	ug/kg	0.34
Bromomethane	ND	5.1	ug/kg	0.55
2-Butanone	**1.8 J**	**21**	**ug/kg**	**1.4**
Carbon disulfide	ND	5.1	ug/kg	0.45
Carbon tetrachloride	ND	5.1	ug/kg	0.38
Chlorobenzene	ND	5.1	ug/kg	0.34
Dibromochloromethane	ND	5.1	ug/kg	0.56
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.1	ug/kg	0.88
Chloroform	ND	5.1	ug/kg	0.30
Chloromethane	ND	5.1	ug/kg	0.42
Cyclohexane	ND	10	ug/kg	0.34
1,2-Dibromoethane	ND	5.1	ug/kg	0.51
1,2-Dichlorobenzene	ND	5.1	ug/kg	0.37
1,3-Dichlorobenzene	ND	5.1	ug/kg	0.36
1,4-Dichlorobenzene	ND	5.1	ug/kg	0.68
Dichlorodifluoromethane	ND	5.1	ug/kg	0.51
1,1-Dichloroethane	ND	5.1	ug/kg	0.37
1,2-Dichloroethane	ND	5.1	ug/kg	0.35
1,1-Dichloroethene	ND	5.1	ug/kg	0.53
cis-1,2-Dichloroethene	ND	5.1	ug/kg	0.37
trans-1,2-Dichloroethene	ND	5.1	ug/kg	0.42
1,2-Dichloropropane	ND	5.1	ug/kg	0.71
cis-1,3-Dichloropropene	ND	5.1	ug/kg	0.35
trans-1,3-Dichloropropene	ND	5.1	ug/kg	0.55
Ethylbenzene	ND	5.1	ug/kg	0.27
Trichlorofluoromethane	ND	5.1	ug/kg	0.35
2-Hexanone	ND	21	ug/kg	0.65
Isopropylbenzene	ND	5.1	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.32
Methylene chloride	ND	5.1	ug/kg	0.69
4-Methyl-2-pentanone	ND	21	ug/kg	0.55
Styrene	ND	5.1	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

GC/MS Volatiles

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg	0.35
Tetrachloroethene	ND	5.1	ug/kg	0.53
Toluene	ND	5.1	ug/kg	0.28
1,2,4-Trichloro-benzene	ND	5.1	ug/kg	0.28
1,1,1-Trichloroethane	ND	5.1	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.1	ug/kg	0.40
Trichloroethene	ND	5.1	ug/kg	0.43
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.1	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.1	ug/kg	0.67
1,3,5-Trimethylbenzene	ND	5.1	ug/kg	0.26
Vinyl chloride	ND	5.1	ug/kg	0.40
Xylenes (total)	ND	10	ug/kg	0.69
Methyl tert-butyl ether	ND	21	ug/kg	0.44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(59 - 138)
1,2-Dichloroethane-d4	117	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	124	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

GC/MS Volatiles

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP1AN **Matrix.....:** SO
Date Sampled...: 12/05/07 15:20 **Date Received..:** 12/06/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.72
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**6.6 J**	**17**	**ug/kg**	**5.2**
Benzene	**0.22 J**	**4.1**	**ug/kg**	**0.19**
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.45
2-Butanone	**2.3 J**	**17**	**ug/kg**	**1.2**
Carbon disulfide	**0.41 J**	**4.1**	**ug/kg**	**0.36**
Carbon tetrachloride	ND	4.1	ug/kg	0.31
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.3	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.71
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.34
Cyclohexane	**0.53 J**	**8.3**	**ug/kg**	**0.27**
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.55
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.30
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.43
cis-1,2-Dichloroethene	**0.88 J**	**4.1**	**ug/kg**	**0.30**
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.34
1,2-Dichloropropane	ND	4.1	ug/kg	0.57
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.45
Ethylbenzene	**21**	**4.1**	**ug/kg**	**0.21**
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	17	ug/kg	0.52
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.3	ug/kg	1.2
Methylcyclohexane	ND	8.3	ug/kg	0.26
Methylene chloride	ND	4.1	ug/kg	0.55
4-Methyl-2-pentanone	ND	17	ug/kg	0.45
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

GC/MS Volatiles

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	**2.1 J**	**4.1**	**ug/kg**	**0.43**
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	**2.7 J**	**4.1**	**ug/kg**	**0.35**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.54
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.21
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	**2.0 J**	**8.3**	**ug/kg**	**0.55**
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(59 - 138)
1,2-Dichloroethane-d4	116	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	117	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

GC/MS Volatiles

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ1AN **Matrix.....:** SO
Date Sampled...: 12/05/07 16:40 **Date Received..:** 12/06/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.72
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**20**	**17**	**ug/kg**	**5.3**
Benzene	ND	4.2	ug/kg	0.19
Bromodichloromethane	ND	4.2	ug/kg	0.24
Bromoform	ND	4.2	ug/kg	0.28
Bromomethane	ND	4.2	ug/kg	0.46
2-Butanone	**5.3 J**	**17**	**ug/kg**	**1.2**
Carbon disulfide	ND	4.2	ug/kg	0.37
Carbon tetrachloride	ND	4.2	ug/kg	0.31
Chlorobenzene	ND	4.2	ug/kg	0.28
Dibromochloromethane	ND	4.2	ug/kg	0.46
1,2-Dibromo-3-chloro-propane	ND	8.4	ug/kg	1.1
Chloroethane	ND	4.2	ug/kg	0.72
Chloroform	ND	4.2	ug/kg	0.24
Chloromethane	ND	4.2	ug/kg	0.35
Cyclohexane	ND	8.4	ug/kg	0.28
1,2-Dibromoethane	ND	4.2	ug/kg	0.42
1,2-Dichlorobenzene	ND	4.2	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.2	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.2	ug/kg	0.56
Dichlorodifluoromethane	ND	4.2	ug/kg	0.42
1,1-Dichloroethane	ND	4.2	ug/kg	0.30
1,2-Dichloroethane	ND	4.2	ug/kg	0.29
1,1-Dichloroethene	ND	4.2	ug/kg	0.44
cis-1,2-Dichloroethene	ND	4.2	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.2	ug/kg	0.35
1,2-Dichloropropane	ND	4.2	ug/kg	0.58
cis-1,3-Dichloropropene	ND	4.2	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.2	ug/kg	0.46
Ethylbenzene	ND	4.2	ug/kg	0.22
Trichlorofluoromethane	ND	4.2	ug/kg	0.29
2-Hexanone	ND	17	ug/kg	0.53
Isopropylbenzene	ND	4.2	ug/kg	0.13
Methyl acetate	ND	8.4	ug/kg	1.2
Methylcyclohexane	ND	8.4	ug/kg	0.26
Methylene chloride	ND	4.2	ug/kg	0.56
4-Methyl-2-pentanone	ND	17	ug/kg	0.46
Styrene	ND	4.2	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

GC/MS Volatiles

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.2	ug/kg	0.29
Tetrachloroethene	ND	4.2	ug/kg	0.44
Toluene	ND	4.2	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.2	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.2	ug/kg	0.47
1,1,2-Trichloroethane	ND	4.2	ug/kg	0.33
Trichloroethene	ND	4.2	ug/kg	0.35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.2	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.2	ug/kg	0.55
1,3,5-Trimethylbenzene	ND	4.2	ug/kg	0.21
Vinyl chloride	ND	4.2	ug/kg	0.33
Xylenes (total)	ND	8.4	ug/kg	0.56
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	108	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

GC/MS Volatiles

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR1AN **Matrix.....:** SO
Date Sampled...: 12/05/07 16:45 **Date Received..:** 12/06/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.68
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**43**	**15**	**ug/kg**	**4.9**
Benzene	ND	3.9	ug/kg	0.18
Bromodichloromethane	ND	3.9	ug/kg	0.22
Bromoform	ND	3.9	ug/kg	0.26
Bromomethane	ND	3.9	ug/kg	0.42
2-Butanone	**11 J**	**15**	**ug/kg**	**1.1**
Carbon disulfide	ND	3.9	ug/kg	0.34
Carbon tetrachloride	ND	3.9	ug/kg	0.29
Chlorobenzene	ND	3.9	ug/kg	0.26
Dibromochloromethane	ND	3.9	ug/kg	0.43
1,2-Dibromo-3-chloro-propane	ND	7.7	ug/kg	1.0
Chloroethane	ND	3.9	ug/kg	0.67
Chloroform	ND	3.9	ug/kg	0.22
Chloromethane	ND	3.9	ug/kg	0.32
Cyclohexane	ND	7.7	ug/kg	0.26
1,2-Dibromoethane	ND	3.9	ug/kg	0.39
1,2-Dichlorobenzene	ND	3.9	ug/kg	0.28
1,3-Dichlorobenzene	ND	3.9	ug/kg	0.27
1,4-Dichlorobenzene	ND	3.9	ug/kg	0.51
Dichlorodifluoromethane	ND	3.9	ug/kg	0.39
1,1-Dichloroethane	ND	3.9	ug/kg	0.28
1,2-Dichloroethane	ND	3.9	ug/kg	0.26
1,1-Dichloroethene	ND	3.9	ug/kg	0.40
cis-1,2-Dichloroethene	ND	3.9	ug/kg	0.28
trans-1,2-Dichloroethene	ND	3.9	ug/kg	0.32
1,2-Dichloropropane	ND	3.9	ug/kg	0.53
cis-1,3-Dichloropropene	ND	3.9	ug/kg	0.26
trans-1,3-Dichloropropene	ND	3.9	ug/kg	0.42
Ethylbenzene	ND	3.9	ug/kg	0.20
Trichlorofluoromethane	ND	3.9	ug/kg	0.26
2-Hexanone	ND	15	ug/kg	0.49
Isopropylbenzene	ND	3.9	ug/kg	0.12
Methyl acetate	ND	7.7	ug/kg	1.1
Methylcyclohexane	ND	7.7	ug/kg	0.24
Methylene chloride	ND	3.9	ug/kg	0.52
4-Methyl-2-pentanone	ND	15	ug/kg	0.42
Styrene	ND	3.9	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

GC/MS Volatiles

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.9	ug/kg	0.26
Tetrachloroethene	ND	3.9	ug/kg	0.40
Toluene	ND	3.9	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	3.9	ug/kg	0.21
1,1,1-Trichloroethane	ND	3.9	ug/kg	0.43
1,1,2-Trichloroethane	ND	3.9	ug/kg	0.30
Trichloroethene	ND	3.9	ug/kg	0.33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.9	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	3.9	ug/kg	0.50
1,3,5-Trimethylbenzene	ND	3.9	ug/kg	0.19
Vinyl chloride	ND	3.9	ug/kg	0.30
Xylenes (total)	ND	7.7	ug/kg	0.52
Methyl tert-butyl ether	ND	15	ug/kg	0.33

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(59 - 138)
1,2-Dichloroethane-d4	108	(61 - 130)
Toluene-d8	91	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120507-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L060269-005 **Work Order #...:** KDLGX1AA **Matrix.....:** SQ
Date Sampled...: 12/05/07 **Date Received..:** 12/06/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120507-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L060269-005 **Work Order #...:** KDLGX1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	108	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ1A5 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341037
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	21
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	**8.9**	**7.6**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	84	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP1AG **Matrix.....:** SO
Date Sampled...: 12/05/07 15:20 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341037
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	20
Acenaphthene	ND	7.7	ug/kg	1.5
Acenaphthylene	ND	7.7	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	**15**	**7.7**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**61**	**7.7**	**ug/kg**	**1.1**
Benzo(a)pyrene	**60**	**7.7**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**86**	**7.7**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**41**	**7.7**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**30**	**7.7**	**ug/kg**	**2.0**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	21
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	20
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	28
Chrysene	**74**	**7.7**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	**9.9**	**7.7**	**ug/kg**	**1.5**
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	**120**	**7.7**	**ug/kg**	**1.4**
Fluorene	ND	7.7	ug/kg	1.4
Hexachlorobenzene	ND	7.7	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopenta-diene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	**37**	**7.7**	**ug/kg**	**1.7**
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.7	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.7	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propyl-amine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	94
Phenanthrene	**60**	**7.7**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	29
Pyrene	**97**	**7.7**	**ug/kg**	**1.3**
2,4,5-Trichloro-phenol	ND	170	ug/kg	29
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	91	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ1AG **Matrix.....:** SO
Date Sampled...: 12/05/07 16:40 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341037
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	**19**	**7.8**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	25
Benzo(a)anthracene	**130**	**7.8**	**ug/kg**	**1.1**
Benzo(a)pyrene	**150**	**7.8**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**160**	**7.8**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**170**	**7.8**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**95**	**7.8**	**ug/kg**	**2.0**
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	59	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	59	ug/kg	21
4-Bromophenyl phenyl ether	ND	59	ug/kg	25
Butyl benzyl phthalate	ND	59	ug/kg	22
Caprolactam	ND	390	ug/kg	43
Carbazole	ND	59	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	59	ug/kg	26
2-Chlorophenol	ND	59	ug/kg	30
4-Chlorophenyl phenyl ether	ND	59	ug/kg	28
Chrysene	**140**	**7.8**	**ug/kg**	**1.1**
Dibenz(a,h)anthracene	**18**	**7.8**	**ug/kg**	**1.5**
Dibenzofuran	ND	59	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	23
Diethyl phthalate	ND	59	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	23
Dimethyl phthalate	ND	59	ug/kg	25
Di-n-butyl phthalate	ND	59	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	25
Di-n-octyl phthalate	ND	59	ug/kg	21
Fluoranthene	**280**	**7.8**	**ug/kg**	**1.4**
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.5
Hexachlorobutadiene	ND	59	ug/kg	30
Hexachlorocyclopentadiene	ND	390	ug/kg	19
Hexachloroethane	ND	59	ug/kg	33
Indeno(1,2,3-cd)pyrene	**88**	**7.8**	**ug/kg**	**1.8**
Isophorone	ND	59	ug/kg	25
2-Methylnaphthalene	ND	7.8	ug/kg	1.8
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.8	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	59	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propylamine	ND	59	ug/kg	27
N-Nitrosodiphenylamine	ND	59	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	96
Phenanthrene	**87**	**7.8**	**ug/kg**	**2.3**
Phenol	ND	59	ug/kg	29
Pyrene	**190**	**7.8**	**ug/kg**	**1.3**
2,4,5-Trichlorophenol	ND	180	ug/kg	29
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	63	(26 - 110)
2,4,6-Tribromophenol	86	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR1AG **Matrix.....:** SO
Date Sampled...: 12/05/07 16:45 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341037
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	**8.2**	**7.6**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**53**	**7.6**	**ug/kg**	**1.1**
Benzo(a)pyrene	**69**	**7.6**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**88**	**7.6**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**120**	**7.6**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**37**	**7.6**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	21
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	**74**	**7.6**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	**13**	**7.6**	**ug/kg**	**1.5**
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	**110**	**7.6**	**ug/kg**	**1.4**
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	**47**	**7.6**	**ug/kg**	**1.7**
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	**37**	**7.6**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	28
Pyrene	**95**	**7.6**	**ug/kg**	**1.3**
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

GC/MS Semivolatiles

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
2-Fluorobiphenyl	77	(34 - 110)
Terphenyl-d14	93	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	95	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

GC Semivolatiles

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ1A7 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	55	(10 - 196)
Decachlorobiphenyl	59	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

GC Semivolatiles

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP1AJ **Matrix.....:** SO
Date Sampled...: 12/05/07 15:20 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 1
% Moisture.....: 13 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	**32 J**	**38**	**ug/kg**	**17**
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 196)
Decachlorobiphenyl	97	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

GC Semivolatiles

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ1AJ **Matrix.....:** SO
Date Sampled...: 12/05/07 16:40 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	15
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	16
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	30	(10 - 196)
Decachlorobiphenyl	69	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

GC Semivolatiles

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR1AJ **Matrix.....:** SO
Date Sampled...: 12/05/07 16:45 **Date Received..:** 12/06/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

TOTAL Metals

Lot-Sample #...: A7L060269-001 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7341026						
Trivalent Chromium	**6.3**	**0.46**	**mg/kg**	**SW846 7196A**	**12/07/07**	**KDLGJ1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7341027						
Silver	**0.030 B**	**0.091**	**mg/kg**	**SW846 6020**	**12/07/07**	**KDLGJ1A2**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**3280**	**18.2**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AE**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**2.6**	**0.091**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGJ1A0**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**15.2 J**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AF**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	ND	0.18	mg/kg	SW846 6010B	12/07/07	KDLGJ1AG
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**2970**	**456**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AJ**
		Dilution Factor: 1		MDL.....: 18.2		
Cadmium	ND	0.091	mg/kg	SW846 6010B	12/07/07	KDLGJ1AH
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**2.6**	**0.46**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**6.3**	**0.46**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**8.1**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AL**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**16300**	**9.1**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AM**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	12/07-12/10/07	KDLGJ1AD
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

TOTAL Metals

Lot-Sample #...: A7L060269-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**673**	**456**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AR**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**636**	**91.2**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AN**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**130**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AP**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**210**	**91.2**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AT**
		Dilution Factor: 1		MDL.....: 75.2		
Nickel	**5.7**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AQ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**8.3**	**0.27**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.22**	**0.18**	**mg/kg**	**SW846 6020**	**12/07/07**	**KDLGJ1AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	12/07-12/10/07	KDLGJ1A1
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.041 B**	**0.091**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGJ1A3**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**10.2**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGJ1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**14.6**	**0.91**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGJ1A4**
		Dilution Factor: 1		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

TOTAL Metals

Lot-Sample #...: A7L060269-002 **Matrix.....:** SO
Date Sampled...: 12/05/07 15:20 **Date Received..:** 12/06/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7341026						
Trivalent Chromium	**11.6**	**0.46**	**mg/kg**	**SW846 7196A**	**12/07/07**	**KDLGP1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7341027						
Silver	**0.064 B**	**0.092**	**mg/kg**	**SW846 6020**	**12/07/07**	**KDLGP1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**7060**	**18.4**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**3.7**	**0.092**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGP1AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**38.3 J**	**0.92**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	**0.12 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1AT**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**63200**	**2290**	**mg/kg**	**SW846 6010B**	**12/07-12/08/07**	**KDLGP1AV**
		Dilution Factor: 5		MDL.....: 91.8		
Cadmium	**0.082 B**	**0.092**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**6.9**	**0.46**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**11.6**	**0.46**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**11.7**	**0.92**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**12200**	**9.2**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.024 B**	**0.046**	**mg/kg**	**SW846 7471A**	**12/07-12/10/07**	**KDLGP1AP**
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

TOTAL Metals

Lot-Sample #...: A7L060269-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1210**	**459**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**14200**	**91.8**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**373**	**0.92**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	**422**	**91.8**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A5**
		Dilution Factor: 1		MDL.....: 75.7		
Nickel	**14.2**	**0.92**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**7.0**	**0.28**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.097 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/07/07**	**KDLGP1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	12/07-12/10/07	KDLGP1AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.12**	**0.092**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGP1AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**16.1**	**0.92**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGP1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**30.6**	**0.92**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGP1AF**
		Dilution Factor: 1		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

TOTAL Metals

Lot-Sample #...: A7L060269-003 **Matrix.....:** SO
Date Sampled...: 12/05/07 16:40 **Date Received..:** 12/06/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7341026						
Trivalent Chromium	**8.6**	**0.47**	**mg/kg**	**SW846 7196A**	**12/07/07**	**KDLGQ1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7341027						
Silver	**0.099**	**0.094**	**mg/kg**	**SW846 6020**	**12/07/07**	**KDLGQ1AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**4620**	**18.7**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AQ**
		Dilution Factor: 1		MDL.....: 11.2		
Arsenic	**2.7**	**0.094**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGQ1AA**
		Dilution Factor: 1		MDL.....: 0.073		
Barium	**50.8 J**	**0.94**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AR**
		Dilution Factor: 1		MDL.....: 0.083		
Beryllium	**0.091 B**	**0.19**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AT**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**9370**	**468**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AV**
		Dilution Factor: 1		MDL.....: 18.7		
Cadmium	**0.27**	**0.094**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**3.8**	**0.47**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**9.7**	**0.47**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**21.5**	**0.94**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1AX**
		Dilution Factor: 1		MDL.....: 0.87		
Iron	**8040**	**9.4**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A0**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.74**	**0.047**	**mg/kg**	**SW846 7471A**	**12/07-12/10/07**	**KDLGQ1AP**
		Dilution Factor: 1		MDL.....: 0.018		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

TOTAL Metals

Lot-Sample #...: A7L060269-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**586**	**468**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A4**
		Dilution Factor: 1		MDL.....: 7.3		
Magnesium	**2860**	**93.6**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A1**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**101**	**0.94**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A2**
		Dilution Factor: 1		MDL.....: 0.087		
Sodium	**999**	**93.6**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A5**
		Dilution Factor: 1		MDL.....: 77.2		
Nickel	**9.9**	**0.94**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**36.5**	**0.28**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.25**	**0.19**	**mg/kg**	**SW846 6020**	**12/07/07**	**KDLGQ1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.27**	**0.20**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGQ1AC**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.13**	**0.094**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGQ1AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**11.7**	**0.94**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGQ1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**68.0**	**0.94**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGQ1AF**
		Dilution Factor: 1		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

TOTAL Metals

Lot-Sample #...: A7L060269-004 **Matrix.....:** SO
Date Sampled...: 12/05/07 16:45 **Date Received..:** 12/06/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7341026						
Trivalent Chromium	**5.0**	**0.46**	**mg/kg**	**SW846 7196A**	**12/07/07**	**KDLGR1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7341027						
Silver	**0.031 B**	**0.091**	**mg/kg**	**SW846 6020**	**12/07-12/08/07**	**KDLGR1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**3250**	**18.2**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1AQ**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**2.7**	**0.091**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGR1AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**16.8 J**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	ND	0.18	mg/kg	SW846 6010B	12/07/07	KDLGR1AT
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**7950**	**456**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1AV**
		Dilution Factor: 1		MDL.....: 18.2		
Cadmium	ND	0.091	mg/kg	SW846 6010B	12/07/07	KDLGR1AU
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**3.0**	**0.46**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**5.6**	**0.46**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**11.6**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1AX**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**6120**	**9.1**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.071**	**0.046**	**mg/kg**	**SW846 7471A**	**12/07-12/10/07**	**KDLGR1AP**
		Dilution Factor: 1		MDL.....: 0.017		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

TOTAL Metals

Lot-Sample #...: A7L060269-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**346 B**	**456**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**2140**	**91.1**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A1**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**91.8**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A2**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**473**	**91.1**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A5**
		Dilution Factor: 1		MDL.....: 75.2		
Nickel	**5.8**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**7.2**	**0.27**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.15 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/07-12/08/07**	**KDLGR1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.12 B**	**0.19**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGR1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.090 B**	**0.091**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGR1AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**10.4**	**0.91**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDLGR1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**21.1**	**0.91**	**mg/kg**	**SW846 6020**	**12/07-12/10/07**	**KDLGR1AF**
		Dilution Factor: 1		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-117

General Chemistry

Lot-Sample #...: A7L060269-001 **Work Order #...:** KDLGJ **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.91	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/10-12/11/07**	**7344452**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-120

General Chemistry

Lot-Sample #...: A7L060269-002 **Work Order #...:** KDLGP **Matrix.....:** SO
Date Sampled...: 12/05/07 15:20 **Date Received..:** 12/06/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.92	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/10-12/11/07**	**7344452**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-123

General Chemistry

Lot-Sample #...: A7L060269-003 **Work Order #...:** KDLGQ **Matrix.....:** SO
Date Sampled...: 12/05/07 16:40 **Date Received..:** 12/06/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.1**	**0.94**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**85.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/10-12/11/07**	**7344452**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120507-CB-124

General Chemistry

Lot-Sample #...: A7L060269-004 **Work Order #...:** KDLGR **Matrix.....:** SO
Date Sampled...: 12/05/07 16:45 **Date Received..:** 12/06/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.61 B**	**0.91**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/10-12/11/07**	**7344452**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L130000-112
Prep Date.....: 12/12/07
Analysis Date..: 12/12/07 **Prep Batch #...:** 7347112
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	**0.36 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.35 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**4.3 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.95 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	0.91	SW846 8260B
Benzene	**50**	**57**	**ug/kg**	**115**		**SW846 8260B**
	50	**56**	**ug/kg**	**112**	**2.0**	**SW846 8260B**
Bromodichloromethane	50	56	ug/kg	112		SW846 8260B
	50	54	ug/kg	109	2.5	SW846 8260B
Bromoform	50	46	ug/kg	91		SW846 8260B
	50	46	ug/kg	92	1.0	SW846 8260B
Bromomethane	50	70	ug/kg	140		SW846 8260B
	50	70	ug/kg	141	0.23	SW846 8260B
2-Butanone	50	46	ug/kg	93		SW846 8260B
	50	47	ug/kg	94	0.84	SW846 8260B
Carbon disulfide	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	110	1.7	SW846 8260B
Carbon tetrachloride	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.2	SW846 8260B
Chlorobenzene	**50**	**49**	**ug/kg**	**97**		**SW846 8260B**
	50	**48**	**ug/kg**	**97**	**0.90**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.13	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	51	ug/kg	101		SW846 8260B
	50	52	ug/kg	104	2.2	SW846 8260B
Chloroethane	50	50	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	3.0	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.67	SW846 8260B
Chloromethane	50	38	ug/kg	77		SW846 8260B
	50	38	ug/kg	76	0.66	SW846 8260B
Cyclohexane	50	46	ug/kg	91		SW846 8260B
	50	44	ug/kg	89	2.5	SW846 8260B
1,2-Dibromoethane	50	49	ug/kg	97		SW846 8260B
	50	49	ug/kg	99	1.7	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.41	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	97	0.87	SW846 8260B
1,4-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	95	0.74	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	46	ug/kg	92		SW846 8260B
	50	46	ug/kg	91	0.94	SW846 8260B
1,1-Dichloroethane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	2.1	SW846 8260B
1,2-Dichloroethane	50	57	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.6	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**0.50**	**SW846 8260B**
cis-1,2-Dichloroethene	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	101	1.0	SW846 8260B
trans-1,2-Dichloroethene	50	51	ug/kg	101		SW846 8260B
	50	49	ug/kg	99	2.4	SW846 8260B
1,2-Dichloropropane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.45	SW846 8260B
cis-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.20	SW846 8260B
trans-1,3-Dichloropropene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	1.2	SW846 8260B
Ethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.9	SW846 8260B
Trichlorofluoromethane	50	64	ug/kg	127		SW846 8260B
	50	61	ug/kg	122	3.8	SW846 8260B
2-Hexanone	50	49	ug/kg	99		SW846 8260B
	50	52	ug/kg	103	4.6	SW846 8260B
Isopropylbenzene	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	106	3.1	SW846 8260B
Methyl acetate	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	107	2.6	SW846 8260B
Methylcyclohexane	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	94	2.7	SW846 8260B
Methylene chloride	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.89	SW846 8260B
4-Methyl-2-pentanone	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	105	3.7	SW846 8260B
Styrene	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.7	SW846 8260B
1,1,2,2-Tetrachloroethane	50	53	ug/kg	106		SW846 8260B
	50	57	ug/kg	113	6.7	SW846 8260B
Tetrachloroethene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	95	2.8	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.5**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	95	5.4	SW846 8260B
1,1,1-Trichloroethane	50	60	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.4	SW846 8260B
1,1,2-Trichloroethane	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.73	SW846 8260B
Trichloroethene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**2.9**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	58	ug/kg	115		SW846 8260B
	50	56	ug/kg	113	2.1	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.19	SW846 8260B
1,3,5-Trimethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.2	SW846 8260B
Vinyl chloride	50	44	ug/kg	88		SW846 8260B
	50	43	ug/kg	86	2.5	SW846 8260B
Xylenes (total)	150	150	ug/kg	101		SW846 8260B
	150	150	ug/kg	100	1.6	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	107		SW846 8260B
	50	54	ug/kg	107	0.19	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
	99	(61 - 130)
Toluene-d8	91	(60 - 143)
	89	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	107	(58 - 130)			SW846 8260B
	108	(58 - 130)	0.91	(0-30)	SW846 8260B
Benzene	**115**	**(75 - 129)**			**SW846 8260B**
	112	**(75 - 129)**	**2.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	112	(72 - 125)			SW846 8260B
	109	(72 - 125)	2.5	(0-30)	SW846 8260B
Bromoform	91	(43 - 149)			SW846 8260B
	92	(43 - 149)	1.0	(0-30)	SW846 8260B
Bromomethane	140	(24 - 152)			SW846 8260B
	141	(24 - 152)	0.23	(0-30)	SW846 8260B
2-Butanone	93	(27 - 200)			SW846 8260B
	94	(27 - 200)	0.84	(0-46)	SW846 8260B
Carbon disulfide	111	(50 - 137)			SW846 8260B
	110	(50 - 137)	1.7	(0-30)	SW846 8260B
Carbon tetrachloride	119	(57 - 137)			SW846 8260B
	116	(57 - 137)	2.2	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(75 - 127)**			**SW846 8260B**
	97	**(75 - 127)**	**0.90**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	105	(49 - 135)			SW846 8260B
	105	(49 - 135)	0.13	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	101	(50 - 150)			SW846 8260B
	104	(50 - 150)	2.2	(0-30)	SW846 8260B
Chloroethane	99	(31 - 144)			SW846 8260B
	96	(31 - 144)	3.0	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.67	(0-30)	SW846 8260B
Chloromethane	77	(15 - 136)			SW846 8260B
	76	(15 - 136)	0.66	(0-30)	SW846 8260B
Cyclohexane	91	(50 - 150)			SW846 8260B
	89	(50 - 150)	2.5	(0-20)	SW846 8260B
1,2-Dibromoethane	97	(50 - 150)			SW846 8260B
	99	(50 - 150)	1.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.41	(0-30)	SW846 8260B
1,3-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.87	(0-20)	SW846 8260B
1,4-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	95	(50 - 150)	0.74	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	92	(50 - 150)			SW846 8260B
	91	(50 - 150)	0.94	(0-20)	SW846 8260B
1,1-Dichloroethane	106	(77 - 119)			SW846 8260B
	104	(77 - 119)	2.1	(0-30)	SW846 8260B
1,2-Dichloroethane	115	(78 - 121)			SW846 8260B
	113	(78 - 121)	1.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**102**	**(55 - 142)**			**SW846 8260B**
	101	**(55 - 142)**	**0.50**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	100	(77 - 114)			SW846 8260B
	101	(77 - 114)	1.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	101	(68 - 117)			SW846 8260B
	99	(68 - 117)	2.4	(0-30)	SW846 8260B
1,2-Dichloropropane	104	(78 - 116)			SW846 8260B
	104	(78 - 116)	0.45	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	104	(71 - 125)			SW846 8260B
	104	(71 - 125)	0.20	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	108	(67 - 125)			SW846 8260B
	107	(67 - 125)	1.2	(0-30)	SW846 8260B
Ethylbenzene	100	(79 - 114)			SW846 8260B
	98	(79 - 114)	1.9	(0-30)	SW846 8260B
Trichlorofluoromethane	127	(50 - 150)			SW846 8260B
	122	(50 - 150)	3.8	(0-20)	SW846 8260B
2-Hexanone	99	(29 - 200)			SW846 8260B
	103	(29 - 200)	4.6	(0-41)	SW846 8260B
Isopropylbenzene	109	(50 - 150)			SW846 8260B
	106	(50 - 150)	3.1	(0-20)	SW846 8260B
Methyl acetate	104	(50 - 150)			SW846 8260B
	107	(50 - 150)	2.6	(0-20)	SW846 8260B
Methylcyclohexane	97	(50 - 150)			SW846 8260B
	94	(50 - 150)	2.7	(0-20)	SW846 8260B
Methylene chloride	103	(58 - 130)			SW846 8260B
	102	(58 - 130)	0.89	(0-30)	SW846 8260B
4-Methyl-2-pentanone	102	(68 - 142)			SW846 8260B
	105	(68 - 142)	3.7	(0-60)	SW846 8260B
Styrene	99	(80 - 114)			SW846 8260B
	98	(80 - 114)	1.7	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	106	(70 - 133)			SW846 8260B
	113	(70 - 133)	6.7	(0-30)	SW846 8260B
Tetrachloroethene	98	(72 - 120)			SW846 8260B
	95	(72 - 120)	2.8	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**2.5**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	100	(50 - 150)			SW846 8260B
	95	(50 - 150)	5.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	119	(67 - 123)			SW846 8260B
	116	(67 - 123)	2.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	96	(82 - 116)			SW846 8260B
	96	(82 - 116)	0.73	(0-30)	SW846 8260B
Trichloroethene	**98**	**(70 - 131)**			**SW846 8260B**
	95	**(70 - 131)**	**2.9**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	115	(50 - 150)			SW846 8260B
	113	(50 - 150)	2.1	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	104	(70 - 130)	0.19	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	108	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.2	(0-30)	SW846 8260B
Vinyl chloride	88	(24 - 152)			SW846 8260B
	86	(24 - 152)	2.5	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	100	(80 - 114)	1.6	(0-30)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	107	(70 - 130)	0.19	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
	99	(61 - 130)
Toluene-d8	91	(60 - 143)
	89	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD
Date Sampled...: 11/28/07 08:30 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1 **% Moisture.....:** 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	10	50	55	ug/kg	91		SW846 8260B
	10	50	51	ug/kg	82	7.8	SW846 8260B
Benzene	**0.27**	**50**	**50**	**ug/kg**	**99**		**SW846 8260B**
	0.27	**50**	**50**	**ug/kg**	**99**	**0.01**	**SW846 8260B**
Bromodichloromethane	ND	50	47	ug/kg	94		SW846 8260B
	ND	50	47	ug/kg	95	1.2	SW846 8260B
Bromoform	ND	50	33	ug/kg	66		SW846 8260B
	ND	50	35	ug/kg	69	4.2	SW846 8260B
Bromomethane	ND	50	68	ug/kg	135		SW846 8260B
	ND	50	66	ug/kg	132	2.6	SW846 8260B
2-Butanone	1.4	50	39	ug/kg	75		SW846 8260B
	1.4	50	38	ug/kg	73	2.4	SW846 8260B
Carbon disulfide	ND	50	48	ug/kg	94		SW846 8260B
	ND	50	49	ug/kg	98	3.4	SW846 8260B
Carbon tetrachloride	ND	50	55	ug/kg	110		SW846 8260B
	ND	50	57	ug/kg	114	3.4	SW846 8260B
Chlorobenzene	**ND**	**50**	**39**	**ug/kg**	**78**		**SW846 8260B**
	ND	**50**	**38**	**ug/kg**	**76**	**2.0**	**SW846 8260B**
Dibromochloromethane	ND	50	42	ug/kg	85		SW846 8260B
	ND	50	42	ug/kg	83	1.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	50	49	ug/kg	98		SW846 8260B
	ND	50	46	ug/kg	92	6.2	SW846 8260B
Chloroethane	ND	50	48	ug/kg	96		SW846 8260B
	ND	50	49	ug/kg	97	0.74	SW846 8260B
Chloroform	ND	50	51	ug/kg	101		SW846 8260B
	ND	50	50	ug/kg	100	0.97	SW846 8260B
Chloromethane	ND	50	37	ug/kg	73		SW846 8260B
	ND	50	37	ug/kg	74	0.19	SW846 8260B
Cyclohexane	ND	50	39	ug/kg	78		SW846 8260B
	ND	50	40	ug/kg	80	2.8	SW846 8260B
1,2-Dibromoethane	ND	50	38	ug/kg	76		SW846 8260B
	ND	50	38	ug/kg	77	0.22	SW846 8260B
1,2-Dichlorobenzene	ND	50	33	ug/kg	66		SW846 8260B
	ND	50	33	ug/kg	65	1.9	SW846 8260B
1,3-Dichlorobenzene	ND	50	36	ug/kg	71		SW846 8260B
	ND	50	33	ug/kg	67	6.0	SW846 8260B
1,4-Dichlorobenzene	ND	50	34	ug/kg	68		SW846 8260B
	ND	50	32	ug/kg	65	4.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	50	45	ug/kg	89		SW846 8260B
	ND	50	45	ug/kg	90	0.64	SW846 8260B
1,1-Dichloroethane	ND	50	49	ug/kg	99		SW846 8260B
	ND	50	50	ug/kg	99	0.46	SW846 8260B
1,2-Dichloroethane	ND	50	50	ug/kg	99		SW846 8260B
	ND	50	51	ug/kg	101	1.9	SW846 8260B
1,1-Dichloroethene	**ND**	**50**	**47**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50**	**48**	**ug/kg**	**96**	**1.2**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	50	45	ug/kg	90		SW846 8260B
	ND	50	44	ug/kg	89	1.1	SW846 8260B
trans-1,2-Dichloroethene	ND	50	45	ug/kg	90		SW846 8260B
	ND	50	45	ug/kg	90	0.23	SW846 8260B
1,2-Dichloropropane	ND	50	46	ug/kg	92		SW846 8260B
	ND	50	46	ug/kg	93	1.0	SW846 8260B
cis-1,3-Dichloropropene	ND	50	41	ug/kg	82		SW846 8260B
	ND	50	42	ug/kg	84	3.0	SW846 8260B
trans-1,3-Dichloropropene	ND	50	42	ug/kg	84		SW846 8260B
	ND	50	41	ug/kg	82	1.7	SW846 8260B
Ethylbenzene	ND	50	41	ug/kg	83		SW846 8260B
	ND	50	41	ug/kg	81	1.6	SW846 8260B
Trichlorofluoromethane	ND	50	60	ug/kg	121		SW846 8260B
	ND	50	61	ug/kg	122	1.2	SW846 8260B
2-Hexanone	ND	50	39	ug/kg	77		SW846 8260B
	ND	50	40	ug/kg	80	3.9	SW846 8260B
Isopropylbenzene	ND	50	44	ug/kg	88		SW846 8260B
	ND	50	43	ug/kg	86	1.8	SW846 8260B
Methyl acetate	ND	50	51	ug/kg	101		SW846 8260B
	ND	50	51	ug/kg	103	1.3	SW846 8260B
Methylcyclohexane	ND	50	39	ug/kg	78		SW846 8260B
	ND	50	40	ug/kg	81	3.7	SW846 8260B
Methylene chloride	11	50	55	ug/kg	88		SW846 8260B
	11	50	56	ug/kg	92	2.9	SW846 8260B
4-Methyl-2-pentanone	ND	50	43	ug/kg	87		SW846 8260B
	ND	50	44	ug/kg	87	0.43	SW846 8260B
Styrene	ND	50	36	ug/kg	73		SW846 8260B
	ND	50	36	ug/kg	73	0.17	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	50	51	ug/kg	103		SW846 8260B
	ND	50	47	ug/kg	95	8.0	SW846 8260B
Tetrachloroethene	13	50	56	ug/kg	85		SW846 8260B
	13	50	49	ug/kg	72	13	SW846 8260B
Toluene	**110**	**50**	**220**	**ug/kg**	**209 a**		**SW846 8260B**
	110	**50**	**150**	**ug/kg**	**71 p**	**38**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	0.56	50	23	ug/kg	45 a		SW846 8260B
	0.56	50	25	ug/kg	49 a	9.7	SW846 8260B
1,1,1-Trichloroethane	ND	50	56	ug/kg	112		SW846 8260B
	ND	50	57	ug/kg	114	1.3	SW846 8260B
1,1,2-Trichloroethane	ND	50	42	ug/kg	84		SW846 8260B
	ND	50	40	ug/kg	81	3.4	SW846 8260B
Trichloroethene	**7.1**	**50**	**53**	**ug/kg**	**91**		**SW846 8260B**
	7.1	**50**	**49**	**ug/kg**	**84**	**7.0**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	50	54	ug/kg	108		SW846 8260B
	ND	50	54	ug/kg	109	0.54	SW846 8260B
1,2,4-Trimethylbenzene	ND	50	45	ug/kg	90		SW846 8260B
	ND	50	41	ug/kg	83	8.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	50	48	ug/kg	97		SW846 8260B
	ND	50	44	ug/kg	88	9.8	SW846 8260B
Vinyl chloride	ND	50	41	ug/kg	83		SW846 8260B
	ND	50	42	ug/kg	84	1.0	SW846 8260B
Xylenes (total)	ND	150	120	ug/kg	83		SW846 8260B
	ND	150	120	ug/kg	81	2.4	SW846 8260B
Methyl tert-butyl ether	ND	50	48	ug/kg	97		SW846 8260B
	ND	50	50	ug/kg	99	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	98	(61 - 130)
Toluene-d8	87	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD
Date Sampled...: 11/28/07 08:30 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1 **% Moisture.....:** 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	91	(10 - 200)			SW846 8260B
	82	(10 - 200)	7.8	(0-66)	SW846 8260B
Benzene	**99**	**(55 - 138)**			**SW846 8260B**
	99	**(55 - 138)**	**0.01**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	94	(47 - 131)			SW846 8260B
	95	(47 - 131)	1.2	(0-51)	SW846 8260B
Bromoform	66	(26 - 141)			SW846 8260B
	69	(26 - 141)	4.2	(0-64)	SW846 8260B
Bromomethane	135	(15 - 152)			SW846 8260B
	132	(15 - 152)	2.6	(0-72)	SW846 8260B
2-Butanone	75	(21 - 195)			SW846 8260B
	73	(21 - 195)	2.4	(0-60)	SW846 8260B
Carbon disulfide	94	(27 - 149)			SW846 8260B
	98	(27 - 149)	3.4	(0-73)	SW846 8260B
Carbon tetrachloride	110	(32 - 143)			SW846 8260B
	114	(32 - 143)	3.4	(0-68)	SW846 8260B
Chlorobenzene	**78**	**(49 - 139)**			**SW846 8260B**
	76	**(49 - 139)**	**2.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	85	(44 - 135)			SW846 8260B
	83	(44 - 135)	1.3	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	98	(50 - 150)			SW846 8260B
	92	(50 - 150)	6.2	(0-20)	SW846 8260B
Chloroethane	96	(32 - 140)			SW846 8260B
	97	(32 - 140)	0.74	(0-66)	SW846 8260B
Chloroform	101	(59 - 128)			SW846 8260B
	100	(59 - 128)	0.97	(0-46)	SW846 8260B
Chloromethane	73	(28 - 130)			SW846 8260B
	74	(28 - 130)	0.19	(0-81)	SW846 8260B
Cyclohexane	78	(50 - 150)			SW846 8260B
	80	(50 - 150)	2.8	(0-20)	SW846 8260B
1,2-Dibromoethane	76	(50 - 150)			SW846 8260B
	77	(50 - 150)	0.22	(0-20)	SW846 8260B
1,2-Dichlorobenzene	66	(50 - 150)			SW846 8260B
	65	(50 - 150)	1.9	(0-20)	SW846 8260B
1,3-Dichlorobenzene	71	(50 - 150)			SW846 8260B
	67	(50 - 150)	6.0	(0-20)	SW846 8260B
1,4-Dichlorobenzene	68	(50 - 150)			SW846 8260B
	65	(50 - 150)	4.6	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	89	(50 - 150)			SW846 8260B
	90	(50 - 150)	0.64	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(56 - 130)			SW846 8260B
	99	(56 - 130)	0.46	(0-54)	SW846 8260B
1,2-Dichloroethane	99	(56 - 126)			SW846 8260B
	101	(56 - 126)	1.9	(0-38)	SW846 8260B
1,1-Dichloroethene	**94**	**(43 - 147)**			**SW846 8260B**
	96	**(43 - 147)**	**1.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	90	(48 - 127)			SW846 8260B
	89	(48 - 127)	1.1	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	90	(47 - 127)			SW846 8260B
	90	(47 - 127)	0.23	(0-58)	SW846 8260B
1,2-Dichloropropane	92	(54 - 125)			SW846 8260B
	93	(54 - 125)	1.0	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	82	(30 - 138)			SW846 8260B
	84	(30 - 138)	3.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	84	(34 - 134)			SW846 8260B
	82	(34 - 134)	1.7	(0-57)	SW846 8260B
Ethylbenzene	83	(36 - 133)			SW846 8260B
	81	(36 - 133)	1.6	(0-72)	SW846 8260B
Trichlorofluoromethane	121	(50 - 150)			SW846 8260B
	122	(50 - 150)	1.2	(0-20)	SW846 8260B
2-Hexanone	77	(20 - 190)			SW846 8260B
	80	(20 - 190)	3.9	(0-70)	SW846 8260B
Isopropylbenzene	88	(50 - 150)			SW846 8260B
	86	(50 - 150)	1.8	(0-20)	SW846 8260B
Methyl acetate	101	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.3	(0-20)	SW846 8260B
Methylcyclohexane	78	(50 - 150)			SW846 8260B
	81	(50 - 150)	3.7	(0-20)	SW846 8260B
Methylene chloride	88	(45 - 129)			SW846 8260B
	92	(45 - 129)	2.9	(0-49)	SW846 8260B
4-Methyl-2-pentanone	87	(42 - 143)			SW846 8260B
	87	(42 - 143)	0.43	(0-60)	SW846 8260B
Styrene	73	(23 - 136)			SW846 8260B
	73	(23 - 136)	0.17	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	103	(33 - 162)			SW846 8260B
	95	(33 - 162)	8.0	(0-90)	SW846 8260B
Tetrachloroethene	85	(31 - 137)			SW846 8260B
	72	(31 - 137)	13	(0-81)	SW846 8260B
Toluene	**209 a**	**(46 - 147)**			**SW846 8260B**
	71 p	**(46 - 147)**	**38**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L060269 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	45 a	(50 - 150)			SW846 8260B
	49 a	(50 - 150)	9.7	(0-20)	SW846 8260B
1,1,1-Trichloroethane	112	(48 - 132)			SW846 8260B
	114	(48 - 132)	1.3	(0-57)	SW846 8260B
1,1,2-Trichloroethane	84	(58 - 128)			SW846 8260B
	81	(58 - 128)	3.4	(0-52)	SW846 8260B
Trichloroethene	**91**	**(46 - 143)**			**SW846 8260B**
	84	**(46 - 143)**	**7.0**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	108	(50 - 150)			SW846 8260B
	109	(50 - 150)	0.54	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	83	(70 - 130)	8.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	88	(70 - 130)	9.8	(0-30)	SW846 8260B
Vinyl chloride	83	(30 - 136)			SW846 8260B
	84	(30 - 136)	1.0	(0-80)	SW846 8260B
Xylenes (total)	83	(33 - 135)			SW846 8260B
	81	(33 - 135)	2.4	(0-78)	SW846 8260B
Methyl tert-butyl ether	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	98	(61 - 130)
Toluene-d8	87	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L070000-037
Prep Date.....: 12/07/07
Analysis Date..: 12/11/07 **Prep Batch #...:** 7341037
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Pyridine	ND	100	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(24 - 112)
2-Fluorobiphenyl	68	(34 - 110)
Terphenyl-d14	95	(41 - 119)
Phenol-d5	59	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	74	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-037
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341037
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	730	ug/kg	110	SW846 8270C
Pyridine	670	370	ug/kg	56	SW846 8270C
Acenaphthene	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
Acenaphthylene	670	530	ug/kg	79	SW846 8270C
Acetophenone	670	440	ug/kg	67	SW846 8270C
Anthracene	670	590	ug/kg	89	SW846 8270C
Atrazine	670	660	ug/kg	99	SW846 8270C
Benzo(a)anthracene	670	530	ug/kg	79	SW846 8270C
Benzo(a)pyrene	670	510	ug/kg	76	SW846 8270C
Benzo(b)fluoranthene	670	600	ug/kg	90	SW846 8270C
Benzo(ghi)perylene	670	550	ug/kg	83	SW846 8270C
Benzo(k)fluoranthene	670	500	ug/kg	75	SW846 8270C
Benzaldehyde	670	470	ug/kg	71	SW846 8270C
1,1'-Biphenyl	670	490	ug/kg	74	SW846 8270C
bis(2-Chloroethoxy) methane	670	430	ug/kg	65	SW846 8270C
bis(2-Chloroethyl)- ether	670	420	ug/kg	63	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	500	ug/kg	76	SW846 8270C
4-Bromophenyl phenyl ether	670	640	ug/kg	96	SW846 8270C
Butyl benzyl phthalate	670	490	ug/kg	73	SW846 8270C
Caprolactam	670	440	ug/kg	66	SW846 8270C
Carbazole	670	600	ug/kg	90	SW846 8270C
4-Chloroaniline	670	360	ug/kg	54	SW846 8270C
4-Chloro-3-methylphenol	**670**	**470**	**ug/kg**	**71**	**SW846 8270C**
2-Chloronaphthalene	670	520	ug/kg	78	SW846 8270C
2-Chlorophenol	**670**	**490**	**ug/kg**	**73**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	580	ug/kg	86	SW846 8270C
Chrysene	670	570	ug/kg	85	SW846 8270C
Dibenz(a,h)anthracene	670	600	ug/kg	90	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-037

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	530	ug/kg	79	SW846 8270C
3,3'-Dichlorobenzidine	670	350	ug/kg	53	SW846 8270C
2,4-Dichlorophenol	670	510	ug/kg	77	SW846 8270C
Diethyl phthalate	670	560	ug/kg	84	SW846 8270C
2,4-Dimethylphenol	670	420	ug/kg	62	SW846 8270C
Dimethyl phthalate	670	550	ug/kg	82	SW846 8270C
Di-n-butyl phthalate	670	640	ug/kg	96	SW846 8270C
4,6-Dinitro-2-methylphenol	670	480	ug/kg	73	SW846 8270C
2,4-Dinitrophenol	670	340	ug/kg	51	SW846 8270C
2,4-Dinitrotoluene	**670**	**610**	**ug/kg**	**91**	**SW846 8270C**
2,6-Dinitrotoluene	670	580	ug/kg	86	SW846 8270C
Di-n-octyl phthalate	670	520	ug/kg	77	SW846 8270C
Fluoranthene	670	630	ug/kg	95	SW846 8270C
Fluorene	670	560	ug/kg	84	SW846 8270C
Hexachlorobenzene	670	600	ug/kg	89	SW846 8270C
Hexachlorobutadiene	670	500	ug/kg	75	SW846 8270C
Hexachlorocyclopenta-diene	670	460	ug/kg	69	SW846 8270C
Hexachloroethane	670	470	ug/kg	71	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	580	ug/kg	86	SW846 8270C
Isophorone	670	500	ug/kg	76	SW846 8270C
2-Methylnaphthalene	670	560	ug/kg	84	SW846 8270C
2-Methylphenol	670	440	ug/kg	66	SW846 8270C
4-Methylphenol	1300	930	ug/kg	70	SW846 8270C
Naphthalene	670	500	ug/kg	75	SW846 8270C
2-Nitroaniline	670	590	ug/kg	89	SW846 8270C
3-Nitroaniline	670	470	ug/kg	71	SW846 8270C
4-Nitroaniline	670	570	ug/kg	86	SW846 8270C
Nitrobenzene	670	470	ug/kg	70	SW846 8270C
2-Nitrophenol	670	470	ug/kg	70	SW846 8270C
4-Nitrophenol	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
N-Nitrosodiphenylamine	670	580	ug/kg	87	SW846 8270C
Pentachlorophenol	**670**	**260**	**ug/kg**	**39**	**SW846 8270C**
Phenanthrene	670	550	ug/kg	83	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-037

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
Pyrene	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	490	ug/kg	73	SW846 8270C
2,4,6-Trichloro-phenol	670	480	ug/kg	73	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	71	(26 - 110)
2,4,6-Tribromophenol	83	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-037
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341037
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	110	(36 - 116)	SW846 8270C
Pyridine	56	(22 - 110)	SW846 8270C
Acenaphthene	**78**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	79	(47 - 110)	SW846 8270C
Acetophenone	67	(50 - 130)	SW846 8270C
Anthracene	89	(56 - 111)	SW846 8270C
Atrazine	99	(50 - 130)	SW846 8270C
Benzo(a)anthracene	79	(58 - 111)	SW846 8270C
Benzo(a)pyrene	76	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	90	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	83	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	75	(38 - 122)	SW846 8270C
Benzaldehyde	71	(10 - 130)	SW846 8270C
1,1'-Biphenyl	74	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	63	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	76	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	96	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	73	(57 - 121)	SW846 8270C
Caprolactam	66	(50 - 130)	SW846 8270C
Carbazole	90	(56 - 115)	SW846 8270C
4-Chloroaniline	54	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**71**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	78	(46 - 110)	SW846 8270C
2-Chlorophenol	**73**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	86	(53 - 110)	SW846 8270C
Chrysene	85	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	90	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-037

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	79	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	53	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	77	(40 - 110)	SW846 8270C
Diethyl phthalate	84	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	62	(28 - 110)	SW846 8270C
Dimethyl phthalate	82	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	96	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	73	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	51	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**91**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	86	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	77	(45 - 123)	SW846 8270C
Fluoranthene	95	(55 - 118)	SW846 8270C
Fluorene	84	(51 - 110)	SW846 8270C
Hexachlorobenzene	89	(51 - 110)	SW846 8270C
Hexachlorobutadiene	75	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	69	(10 - 110)	SW846 8270C
Hexachloroethane	71	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(45 - 121)	SW846 8270C
Isophorone	76	(46 - 117)	SW846 8270C
2-Methylnaphthalene	84	(46 - 110)	SW846 8270C
2-Methylphenol	66	(36 - 110)	SW846 8270C
4-Methylphenol	70	(40 - 110)	SW846 8270C
Naphthalene	75	(42 - 110)	SW846 8270C
2-Nitroaniline	89	(47 - 124)	SW846 8270C
3-Nitroaniline	71	(44 - 110)	SW846 8270C
4-Nitroaniline	86	(50 - 110)	SW846 8270C
Nitrobenzene	70	(40 - 110)	SW846 8270C
2-Nitrophenol	70	(35 - 110)	SW846 8270C
4-Nitrophenol	**78**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**78**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	87	(54 - 112)	SW846 8270C
Pentachlorophenol	**39**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	83	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM061AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-037

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**63**	**(39 - 110)**	**SW846 8270C**
Pyrene	**74**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	73	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	73	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	71	(26 - 110)
2,4,6-Tribromophenol	83	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD
Date Sampled...: 11/28/07 **Date Received..:** 12/01/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7341037
Dilution Factor: 1 **% Moisture.....:** 14

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	780	820	ug/kg	106		SW846 8270C
	ND	780	700	ug/kg	90	17	SW846 8270C
Pyridine	ND	780	160	ug/kg	21		SW846 8270C
	ND	780	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:	a,p					
Acenaphthene	**ND**	**780**	**560**	**ug/kg**	**72**		**SW846 8270C**
	ND	**780**	**580**	**ug/kg**	**75**	**3.3**	**SW846 8270C**
Acenaphthylene	ND	780	550	ug/kg	71		SW846 8270C
	ND	780	580	ug/kg	74	4.3	SW846 8270C
Acetophenone	ND	780	460	ug/kg	59		SW846 8270C
	ND	780	420	ug/kg	54	11	SW846 8270C
Anthracene	ND	780	640	ug/kg	82		SW846 8270C
	ND	780	670	ug/kg	86	4.8	SW846 8270C
Atrazine	ND	780	670	ug/kg	86		SW846 8270C
	ND	780	710	ug/kg	91	5.8	SW846 8270C
Benzo(a)anthracene	23	780	610	ug/kg	75		SW846 8270C
	23	780	680	ug/kg	85	11	SW846 8270C
Benzo(a)pyrene	21	780	590	ug/kg	73		SW846 8270C
	21	780	650	ug/kg	81	9.6	SW846 8270C
Benzo(b)fluoranthene	37	780	630	ug/kg	76		SW846 8270C
	37	780	700	ug/kg	85	10	SW846 8270C
Benzo(ghi)perylene	17	780	630	ug/kg	79		SW846 8270C
	17	780	690	ug/kg	86	8.8	SW846 8270C
Benzo(k)fluoranthene	14	780	650	ug/kg	82		SW846 8270C
	14	780	690	ug/kg	88	6.2	SW846 8270C
Benzaldehyde	ND	780	470	ug/kg	61		SW846 8270C
	ND	780	340	ug/kg	44 p	32	SW846 8270C
1,1'-Biphenyl	ND	780	510	ug/kg	66		SW846 8270C
	ND	780	510	ug/kg	65	0.92	SW846 8270C
bis(2-Chloroethoxy) methane	ND	780	460	ug/kg	59		SW846 8270C
	ND	780	450	ug/kg	58	0.88	SW846 8270C
bis(2-Chloroethyl)-ether	ND	780	440	ug/kg	57		SW846 8270C
	ND	780	350	ug/kg	45	24	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	780	540	ug/kg	67		SW846 8270C
	ND	780	580	ug/kg	73	8.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	780	690	ug/kg	89		SW846 8270C
	ND	780	740	ug/kg	95	6.8	SW846 8270C
Butyl benzyl phthalate	ND	780	510	ug/kg	66		SW846 8270C
	ND	780	580	ug/kg	74	12	SW846 8270C
Caprolactam	ND	780	500	ug/kg	64		SW846 8270C
	ND	780	500	ug/kg	64	0.12	SW846 8270C
Carbazole	ND	780	630	ug/kg	81		SW846 8270C
	ND	780	680	ug/kg	88	7.8	SW846 8270C
4-Chloroaniline	ND	780	420	ug/kg	54		SW846 8270C
	ND	780	340	ug/kg	44	19	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**780**	**480**	**ug/kg**	**62**		**SW846 8270C**
	ND	**780**	**530**	**ug/kg**	**68**	**9.5**	**SW846 8270C**
2-Chloronaphthalene	ND	780	550	ug/kg	70		SW846 8270C
	ND	780	560	ug/kg	72	2.9	SW846 8270C
2-Chlorophenol	**ND**	**780**	**520**	**ug/kg**	**66**		**SW846 8270C**
	ND	**780**	**500**	**ug/kg**	**65**	**3.0**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	780	610	ug/kg	78		SW846 8270C
	ND	780	630	ug/kg	81	3.9	SW846 8270C
Chrysene	23	780	640	ug/kg	79		SW846 8270C
	23	780	710	ug/kg	88	10	SW846 8270C
Dibenz(a,h)anthracene	ND	780	660	ug/kg	85		SW846 8270C
	ND	780	720	ug/kg	93	9.1	SW846 8270C
Dibenzofuran	ND	780	560	ug/kg	72		SW846 8270C
	ND	780	590	ug/kg	75	5.0	SW846 8270C
3,3'-Dichlorobenzidine	ND	780	380	ug/kg	49		SW846 8270C
	ND	780	400	ug/kg	52	5.4	SW846 8270C
2,4-Dichlorophenol	ND	780	530	ug/kg	68		SW846 8270C
	ND	780	550	ug/kg	71	4.8	SW846 8270C
Diethyl phthalate	ND	780	590	ug/kg	75		SW846 8270C
	ND	780	630	ug/kg	81	6.6	SW846 8270C
2,4-Dimethylphenol	ND	780	440	ug/kg	57		SW846 8270C
	ND	780	460	ug/kg	60	5.2	SW846 8270C
Dimethyl phthalate	ND	780	590	ug/kg	76		SW846 8270C
	ND	780	620	ug/kg	80	4.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	780	660	ug/kg	85		SW846 8270C
	ND	780	720	ug/kg	93	9.0	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	780	540	ug/kg	69		SW846 8270C
	ND	780	560	ug/kg	72	4.7	SW846 8270C
2,4-Dinitrophenol	ND	780	430	ug/kg	55		SW846 8270C
	ND	780	440	ug/kg	56	2.8	SW846 8270C
2,4-Dinitrotoluene	**ND**	**780**	**630**	**ug/kg**	**82**		**SW846 8270C**
	ND	**780**	**660**	**ug/kg**	**85**	**4.0**	**SW846 8270C**
2,6-Dinitrotoluene	ND	780	630	ug/kg	81		SW846 8270C
	ND	780	650	ug/kg	84	3.4	SW846 8270C
Di-n-octyl phthalate	ND	780	540	ug/kg	70		SW846 8270C
	ND	780	590	ug/kg	76	8.8	SW846 8270C
Fluoranthene	46	780	800	ug/kg	96		SW846 8270C
	46	780	900	ug/kg	110	12	SW846 8270C
Fluorene	ND	780	590	ug/kg	76		SW846 8270C
	ND	780	630	ug/kg	81	5.2	SW846 8270C
Hexachlorobenzene	ND	780	640	ug/kg	82		SW846 8270C
	ND	780	690	ug/kg	88	7.4	SW846 8270C
Hexachlorobutadiene	ND	780	480	ug/kg	62		SW846 8270C
	ND	780	440	ug/kg	57	9.2	SW846 8270C
Hexachlorocyclopenta-diene	ND	780	430	ug/kg	55		SW846 8270C
	ND	780	400	ug/kg	52	7.2	SW846 8270C
Hexachloroethane	ND	780	460	ug/kg	60		SW846 8270C
	ND	780	390	ug/kg	51	17	SW846 8270C
Indeno(1,2,3-cd)pyrene	16	780	650	ug/kg	82		SW846 8270C
	16	780	700	ug/kg	89	7.7	SW846 8270C
Isophorone	ND	780	520	ug/kg	67		SW846 8270C
	ND	780	540	ug/kg	69	3.4	SW846 8270C
2-Methylnaphthalene	ND	780	590	ug/kg	75		SW846 8270C
	ND	780	600	ug/kg	77	2.1	SW846 8270C
2-Methylphenol	ND	780	500	ug/kg	64		SW846 8270C
	ND	780	510	ug/kg	66	2.3	SW846 8270C
4-Methylphenol	ND	1600	970	ug/kg	62		SW846 8270C
	ND	1600	1000	ug/kg	65	3.6	SW846 8270C
Naphthalene	ND	780	510	ug/kg	65		SW846 8270C
	ND	780	490	ug/kg	63	4.4	SW846 8270C
2-Nitroaniline	ND	780	650	ug/kg	83		SW846 8270C
	ND	780	670	ug/kg	86	3.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	780	550	ug/kg	71		SW846 8270C
	ND	780	550	ug/kg	70	0.82	SW846 8270C
4-Nitroaniline	ND	780	600	ug/kg	77		SW846 8270C
	ND	780	630	ug/kg	82	5.6	SW846 8270C
Nitrobenzene	ND	780	500	ug/kg	64		SW846 8270C
	ND	780	470	ug/kg	61	5.8	SW846 8270C
2-Nitrophenol	ND	780	490	ug/kg	63		SW846 8270C
	ND	780	490	ug/kg	63	0.72	SW846 8270C
4-Nitrophenol	**ND**	**780**	**550**	**ug/kg**	**70**		**SW846 8270C**
	ND	**780**	**550**	**ug/kg**	**71**	**1.0**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**780**	**570**	**ug/kg**	**74**		**SW846 8270C**
	ND	**780**	**540**	**ug/kg**	**70**	**5.2**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	780	620	ug/kg	79		SW846 8270C
	ND	780	660	ug/kg	86	7.2	SW846 8270C
Pentachlorophenol	**ND**	**780**	**470**	**ug/kg**	**60**		**SW846 8270C**
	ND	**780**	**480**	**ug/kg**	**63**	**3.4**	**SW846 8270C**
Phenanthrene	15	780	640	ug/kg	80		SW846 8270C
	15	780	710	ug/kg	89	10	SW846 8270C
Phenol	**ND**	**780**	**440**	**ug/kg**	**56**		**SW846 8270C**
	ND	**780**	**440**	**ug/kg**	**57**	**1.5**	**SW846 8270C**
Pyrene	**34**	**780**	**610**	**ug/kg**	**74**		**SW846 8270C**
	34	**780**	**690**	**ug/kg**	**85**	**13**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	780	550	ug/kg	71		SW846 8270C
	ND	780	570	ug/kg	74	3.3	SW846 8270C
2,4,6-Trichloro-phenol	ND	780	510	ug/kg	65		SW846 8270C
	ND	780	520	ug/kg	67	2.3	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(24 - 112)
	55	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
	65	(34 - 110)
Terphenyl-d14	75	(41 - 119)
	83	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	54	(28 - 110)
	55	(28 - 110)
2-Fluorophenol	56	(26 - 110)
	51	(26 - 110)
2,4,6-Tribromophenol	80	(10 - 118)
	81	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD
Date Sampled...: 11/28/07 **Date Received..:** 12/01/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7341037
Dilution Factor: 1 **% Moisture.....:** 14

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	106	(25 - 124)			SW846 8270C
	90	(25 - 124)	17	(0-30)	SW846 8270C
Pyridine	21	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
Acenaphthene	**72**	**(10 - 200)**			**SW846 8270C**
	75	**(10 - 200)**	**3.3**	**(0-30)**	**SW846 8270C**
Acenaphthylene	71	(10 - 200)			SW846 8270C
	74	(10 - 200)	4.3	(0-30)	SW846 8270C
Acetophenone	59	(50 - 130)			SW846 8270C
	54	(50 - 130)	11	(0-30)	SW846 8270C
Anthracene	82	(10 - 200)			SW846 8270C
	86	(10 - 200)	4.8	(0-30)	SW846 8270C
Atrazine	86	(50 - 130)			SW846 8270C
	91	(50 - 130)	5.8	(0-30)	SW846 8270C
Benzo(a)anthracene	75	(10 - 200)			SW846 8270C
	85	(10 - 200)	11	(0-30)	SW846 8270C
Benzo(a)pyrene	73	(10 - 200)			SW846 8270C
	81	(10 - 200)	9.6	(0-30)	SW846 8270C
Benzo(b)fluoranthene	76	(10 - 200)			SW846 8270C
	85	(10 - 200)	10	(0-30)	SW846 8270C
Benzo(ghi)perylene	79	(10 - 200)			SW846 8270C
	86	(10 - 200)	8.8	(0-30)	SW846 8270C
Benzo(k)fluoranthene	82	(10 - 200)			SW846 8270C
	88	(10 - 200)	6.2	(0-30)	SW846 8270C
Benzaldehyde	61	(10 - 130)			SW846 8270C
	44 p	(10 - 130)	32	(0-30)	SW846 8270C
1,1'-Biphenyl	66	(50 - 130)			SW846 8270C
	65	(50 - 130)	0.92	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	59	(36 - 110)			SW846 8270C
	58	(36 - 110)	0.88	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	57	(32 - 118)			SW846 8270C
	45	(32 - 118)	24	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	67	(10 - 200)			SW846 8270C
	73	(10 - 200)	8.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	89	(44 - 120)			SW846 8270C
	95	(44 - 120)	6.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	66	(43 - 138)			SW846 8270C
	74	(43 - 138)	12	(0-30)	SW846 8270C
Caprolactam	64	(50 - 130)			SW846 8270C
	64	(50 - 130)	0.12	(0-30)	SW846 8270C
Carbazole	81	(10 - 162)			SW846 8270C
	88	(10 - 162)	7.8	(0-30)	SW846 8270C
4-Chloroaniline	54	(11 - 110)			SW846 8270C
	44	(11 - 110)	19	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**62**	**(32 - 117)**			**SW846 8270C**
	68	**(32 - 117)**	**9.5**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	70	(40 - 110)			SW846 8270C
	72	(40 - 110)	2.9	(0-30)	SW846 8270C
2-Chlorophenol	**66**	**(32 - 110)**			**SW846 8270C**
	65	**(32 - 110)**	**3.0**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	78	(47 - 116)			SW846 8270C
	81	(47 - 116)	3.9	(0-30)	SW846 8270C
Chrysene	79	(10 - 200)			SW846 8270C
	88	(10 - 200)	10	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	85	(10 - 200)			SW846 8270C
	93	(10 - 200)	9.1	(0-30)	SW846 8270C
Dibenzofuran	72	(10 - 200)			SW846 8270C
	75	(10 - 200)	5.0	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	49	(10 - 110)			SW846 8270C
	52	(10 - 110)	5.4	(0-30)	SW846 8270C
2,4-Dichlorophenol	68	(33 - 110)			SW846 8270C
	71	(33 - 110)	4.8	(0-30)	SW846 8270C
Diethyl phthalate	75	(48 - 118)			SW846 8270C
	81	(48 - 118)	6.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	57	(19 - 114)			SW846 8270C
	60	(19 - 114)	5.2	(0-30)	SW846 8270C
Dimethyl phthalate	76	(47 - 116)			SW846 8270C
	80	(47 - 116)	4.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	85	(31 - 145)			SW846 8270C
	93	(31 - 145)	9.0	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	69	(10 - 110)			SW846 8270C
	72	(10 - 110)	4.7	(0-30)	SW846 8270C
2,4-Dinitrophenol	55	(10 - 110)			SW846 8270C
	56	(10 - 110)	2.8	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**82**	**(42 - 118)**			**SW846 8270C**
	85	**(42 - 118)**	**4.0**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	81	(28 - 137)			SW846 8270C
	84	(28 - 137)	3.4	(0-30)	SW846 8270C
Di-n-octyl phthalate	70	(10 - 182)			SW846 8270C
	76	(10 - 182)	8.8	(0-30)	SW846 8270C
Fluoranthene	96	(10 - 200)			SW846 8270C
	110	(10 - 200)	12	(0-30)	SW846 8270C
Fluorene	76	(10 - 187)			SW846 8270C
	81	(10 - 187)	5.2	(0-30)	SW846 8270C
Hexachlorobenzene	82	(37 - 122)			SW846 8270C
	88	(37 - 122)	7.4	(0-30)	SW846 8270C
Hexachlorobutadiene	62	(30 - 110)			SW846 8270C
	57	(30 - 110)	9.2	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	55	(10 - 110)			SW846 8270C
	52	(10 - 110)	7.2	(0-30)	SW846 8270C
Hexachloroethane	60	(13 - 110)			SW846 8270C
	51	(13 - 110)	17	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	82	(10 - 200)			SW846 8270C
	89	(10 - 200)	7.7	(0-30)	SW846 8270C
Isophorone	67	(32 - 129)			SW846 8270C
	69	(32 - 129)	3.4	(0-30)	SW846 8270C
2-Methylnaphthalene	75	(10 - 200)			SW846 8270C
	77	(10 - 200)	2.1	(0-30)	SW846 8270C
2-Methylphenol	64	(19 - 124)			SW846 8270C
	66	(19 - 124)	2.3	(0-30)	SW846 8270C
4-Methylphenol	62	(27 - 116)			SW846 8270C
	65	(27 - 116)	3.6	(0-30)	SW846 8270C
Naphthalene	65	(10 - 200)			SW846 8270C
	63	(10 - 200)	4.4	(0-30)	SW846 8270C
2-Nitroaniline	83	(31 - 141)			SW846 8270C
	86	(31 - 141)	3.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	71	(24 - 110)			SW846 8270C
	70	(24 - 110)	0.82	(0-30)	SW846 8270C
4-Nitroaniline	77	(23 - 124)			SW846 8270C
	82	(23 - 124)	5.6	(0-30)	SW846 8270C
Nitrobenzene	64	(33 - 111)			SW846 8270C
	61	(33 - 111)	5.8	(0-30)	SW846 8270C
2-Nitrophenol	63	(17 - 110)			SW846 8270C
	63	(17 - 110)	0.72	(0-30)	SW846 8270C
4-Nitrophenol	**70**	**(10 - 125)**			**SW846 8270C**
	71	**(10 - 125)**	**1.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(30 - 121)**			**SW846 8270C**
	70	**(30 - 121)**	**5.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	79	(10 - 169)			SW846 8270C
	86	(10 - 169)	7.2	(0-30)	SW846 8270C
Pentachlorophenol	**60**	**(10 - 182)**			**SW846 8270C**
	63	**(10 - 182)**	**3.4**	**(0-30)**	**SW846 8270C**
Phenanthrene	80	(10 - 200)			SW846 8270C
	89	(10 - 200)	10	(0-30)	SW846 8270C
Phenol	**56**	**(10 - 144)**			**SW846 8270C**
	57	**(10 - 144)**	**1.5**	**(0-30)**	**SW846 8270C**
Pyrene	**74**	**(10 - 200)**			**SW846 8270C**
	85	**(10 - 200)**	**13**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	71	(32 - 112)			SW846 8270C
	74	(32 - 112)	3.3	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	65	(22 - 110)			SW846 8270C
	67	(22 - 110)	2.3	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(24 - 112)
	55	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
	65	(34 - 110)
Terphenyl-d14	75	(41 - 119)
	83	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KC9PX1A4-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L010179-004 KC9PX1A5-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	54	(28 - 110)
	55	(28 - 110)
2-Fluorophenol	56	(26 - 110)
	51	(26 - 110)
2,4,6-Tribromophenol	80	(10 - 118)
	81	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM1A1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L070000-041
Prep Date.....: 12/07/07
Analysis Date..: 12/11/07 **Prep Batch #...:** 7341041
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	72	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM1A1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-041
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**200**	**ug/kg**	**59**	**SW846 8082**
Aroclor 1260	**330**	**200**	**ug/kg**	**59**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	67	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDM1A1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L070000-041
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**59**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**59**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	67	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDKX11AQ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L060186-007 KDKX11AR-MSD
Date Sampled...: 12/05/07 **Date Received..:** 12/05/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 10 **% Moisture.....:** 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**330**	**170**	**ug/kg**	**50 DIL**		**SW846 8082**
	ND	**330**	**200**	**ug/kg**	**61 DIL**	**19**	**SW846 8082**
Aroclor 1260	**300**	**330**	**400**	**ug/kg**	**28 DIL**		**SW846 8082**
	300	**330**	**510**	**ug/kg**	**62 DIL**	**25**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60 DIL	(10 - 196)
	46 DIL	(10 - 196)
Decachlorobiphenyl	74 DIL	(10 - 199)
	70 DIL	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L060269 **Work Order #...:** KDKX11AQ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L060186-007 KDKX11AR-MSD
Date Sampled...: 12/05/07 **Date Received..:** 12/05/07
Prep Date.....: 12/07/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7341041
Dilution Factor: 10 **% Moisture.....:** 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**50 DIL**	**(10 - 199)**			**SW846 8082**
	61 DIL	**(10 - 199)**	**19**	**(0-30)**	**SW846 8082**
Aroclor 1260	**28 DIL**	**(10 - 199)**			**SW846 8082**
	62 DIL	**(10 - 199)**	**25**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60 DIL	(10 - 196)
	46 DIL	(10 - 196)
Decachlorobiphenyl	74 DIL	(10 - 199)
	70 DIL	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L070000-027 **Prep Batch #...:** 7341027						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/07/07	KDM0L1AC
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	12/07/07	KDM0L1AV
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	12/07-12/10/07	KDM0L1AW
		Dilution Factor: 1				
Barium	**0.073 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/07/07**	**KDM0L1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/07/07	KDM0L1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	12/07/07	KDM0L1AF
		Dilution Factor: 1				
Calcium	ND	400	mg/kg	SW846 6010B	12/07/07	KDM0L1AG
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	12/07/07	KDM0L1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/07/07	KDM0L1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	12/07/07	KDM0L1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	12/07/07	KDM0L1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	12/07/07	KDM0L1AU
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	12/07/07	KDM0L1AL
		Dilution Factor: 1				
Manganese	ND	0.80	mg/kg	SW846 6010B	12/07/07	KDM0L1AM
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	12/07-12/10/07	KDM0L1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	12/07/07	KDM0L1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	12/07/07	KDM0L1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	12/07-12/10/07	KDM0L1AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	12/07/07	KDM0L1A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	12/07/07	KDM0L1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	12/07-12/10/07	KDM0L1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/07/07	KDM0L1AR
		Dilution Factor: 1				
Zinc	ND	0.80	mg/kg	SW846 6020	12/07-12/10/07	KDM0L1A2
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L070000-027 **Prep Batch #...:** 7341027							
Mercury	0.83	0.82	mg/kg	99	SW846 7471A	12/07-12/10/07	KDM0L1A3
			Dilution Factor: 1				
Aluminum	200	189	mg/kg	94	SW846 6010B	12/07/07	KDM0L1A4
			Dilution Factor: 1				
Barium	200	183	mg/kg	92	SW846 6010B	12/07/07	KDM0L1A5
			Dilution Factor: 1				
Beryllium	5.0	4.5	mg/kg	90	SW846 6010B	12/07/07	KDM0L1A6
			Dilution Factor: 1				
Cadmium	5.0	4.6	mg/kg	91	SW846 6010B	12/07/07	KDM0L1A7
			Dilution Factor: 1				
Calcium	5000	4690	mg/kg	94	SW846 6010B	12/07/07	KDM0L1A8
			Dilution Factor: 1				
Cobalt	50.0	46.8	mg/kg	94	SW846 6010B	12/07/07	KDM0L1A9
			Dilution Factor: 1				
Copper	25.0	23.1	mg/kg	92	SW846 6010B	12/07/07	KDM0L1CA
			Dilution Factor: 1				
Iron	100	101	mg/kg	101	SW846 6010B	12/07/07	KDM0L1CC
			Dilution Factor: 1				
Magnesium	5000	4630	mg/kg	93	SW846 6010B	12/07/07	KDM0L1CD
			Dilution Factor: 1				
Manganese	50.0	46.8	mg/kg	94	SW846 6010B	12/07/07	KDM0L1CE
			Dilution Factor: 1				
Nickel	50.0	46.2	mg/kg	92	SW846 6010B	12/07/07	KDM0L1CF
			Dilution Factor: 1				
Potassium	5000	4730	mg/kg	95	SW846 6010B	12/07/07	KDM0L1CG
			Dilution Factor: 1				
Sodium	5000	4600	mg/kg	92	SW846 6010B	12/07/07	KDM0L1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	45.8	mg/kg	92	SW846 6010B	12/07/07	KDM0L1CJ
			Dilution Factor: 1				
Chromium	20.0	18.6	mg/kg	93	SW846 6010B	12/07/07	KDM0L1CK
			Dilution Factor: 1				
Lead	50.0	45.1	mg/kg	90	SW846 6010B	12/07/07	KDM0L1CL
			Dilution Factor: 1				
Antimony	50.0	44.5	mg/kg	89	SW846 6020	12/07/07	KDM0L1CM
			Dilution Factor: 10				
Arsenic	10.0	8.1	mg/kg	81	SW846 6020	12/07-12/10/07	KDM0L1CN
			Dilution Factor: 1				
Selenium	10.0	8.3	mg/kg	83	SW846 6020	12/07-12/10/07	KDM0L1CP
			Dilution Factor: 1				
Silver	5.0	4.8	mg/kg	95	SW846 6020	12/07/07	KDM0L1CQ
			Dilution Factor: 10				
Thallium	10.0	8.5	mg/kg	85	SW846 6020	12/07-12/10/07	KDM0L1CR
			Dilution Factor: 1				
Zinc	10.0	8.6	mg/kg	86	SW846 6020	12/07-12/10/07	KDM0L1CT
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L070000-027 **Prep Batch #...:** 7341027					
Mercury	99	(81 - 116)	SW846 7471A	12/07-12/10/07	KDM0L1A3
		Dilution Factor: 1			
Aluminum	94	(80 - 120)	SW846 6010B	12/07/07	KDM0L1A4
		Dilution Factor: 1			
Barium	92	(80 - 120)	SW846 6010B	12/07/07	KDM0L1A5
		Dilution Factor: 1			
Beryllium	90	(80 - 120)	SW846 6010B	12/07/07	KDM0L1A6
		Dilution Factor: 1			
Cadmium	91	(80 - 120)	SW846 6010B	12/07/07	KDM0L1A7
		Dilution Factor: 1			
Calcium	94	(80 - 120)	SW846 6010B	12/07/07	KDM0L1A8
		Dilution Factor: 1			
Cobalt	94	(80 - 120)	SW846 6010B	12/07/07	KDM0L1A9
		Dilution Factor: 1			
Copper	92	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CA
		Dilution Factor: 1			
Iron	101	(73 - 137)	SW846 6010B	12/07/07	KDM0L1CC
		Dilution Factor: 1			
Magnesium	93	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CD
		Dilution Factor: 1			
Manganese	94	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CE
		Dilution Factor: 1			
Nickel	92	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CF
		Dilution Factor: 1			
Potassium	95	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CG
		Dilution Factor: 1			
Sodium	92	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CH
		Dilution Factor: 1			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	92	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CJ
		Dilution Factor: 1			
Chromium	93	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CK
		Dilution Factor: 1			
Lead	90	(80 - 120)	SW846 6010B	12/07/07	KDM0L1CL
		Dilution Factor: 1			
Antimony	89	(80 - 120)	SW846 6020	12/07/07	KDM0L1CM
		Dilution Factor: 10			
Arsenic	81	(73 - 110)	SW846 6020	12/07-12/10/07	KDM0L1CN
		Dilution Factor: 1			
Selenium	83	(73 - 110)	SW846 6020	12/07-12/10/07	KDM0L1CP
		Dilution Factor: 1			
Silver	95	(80 - 120)	SW846 6020	12/07/07	KDM0L1CQ
		Dilution Factor: 10			
Thallium	85	(71 - 110)	SW846 6020	12/07-12/10/07	KDM0L1CR
		Dilution Factor: 1			
Zinc	86	(72 - 113)	SW846 6020	12/07-12/10/07	KDM0L1CT
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L060269-001 **Prep Batch #...:** 7341027									
Aluminum									
	3280	228	4780	mg/kg			SW846 6010B	12/07/07	KDLGJ1CD
			Qualifiers: NC,MSB						
	3280	228	4600	mg/kg			SW846 6010B	12/07/07	KDLGJ1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.22	57.0	40.5 N	mg/kg	71		SW846 6020	12/07/07	KDLGJ1DF
	0.22	57.0	40.9 N	mg/kg	71	0.95	SW846 6020	12/07/07	KDLGJ1DG
			Dilution Factor: 10						
Arsenic									
	2.6	11.4	10.2	mg/kg	67		SW846 6020	12/07-12/10/07	KDLGJ1DH
	2.6	11.4	10.3	mg/kg	68	0.87	SW846 6020	12/07-12/10/07	KDLGJ1DJ
			Dilution Factor: 1						
Barium									
	15.2	228	222	mg/kg	91		SW846 6010B	12/07/07	KDLGJ1CF
	15.2	228	217	mg/kg	89	2.0	SW846 6010B	12/07/07	KDLGJ1CG
			Dilution Factor: 1						
Beryllium									
	ND	5.7	4.8	mg/kg	85		SW846 6010B	12/07/07	KDLGJ1CH
	ND	5.7	4.8	mg/kg	85	0.28	SW846 6010B	12/07/07	KDLGJ1CJ
			Dilution Factor: 1						
Cadmium									
	ND	5.7	4.9	mg/kg	85		SW846 6010B	12/07/07	KDLGJ1CK
	ND	5.7	4.8	mg/kg	84	0.73	SW846 6010B	12/07/07	KDLGJ1CL
			Dilution Factor: 1						
Calcium									
	2970	5700	8090	mg/kg	90		SW846 6010B	12/07/07	KDLGJ1CM
	2970	5700	7820	mg/kg	85	3.4	SW846 6010B	12/07/07	KDLGJ1CN
			Dilution Factor: 1						
Chromium									
	6.3	22.8	26.3	mg/kg	88		SW846 6010B	12/07/07	KDLGJ1DA
	6.3	22.8	25.9	mg/kg	86	1.6	SW846 6010B	12/07/07	KDLGJ1DC
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	2.6	57.0	54.4	mg/kg	91		SW846 6010B	12/07/07	KDLGJ1CP
	2.6	57.0	53.4	mg/kg	89	1.7	SW846 6010B	12/07/07	KDLGJ1CQ
			Dilution Factor: 1						
Copper									
	8.1	28.5	31.2	mg/kg	81		SW846 6010B	12/07/07	KDLGJ1CR
	8.1	28.5	30.6	mg/kg	79	1.9	SW846 6010B	12/07/07	KDLGJ1CT
			Dilution Factor: 1						
Iron									
	16300	114	20300	mg/kg			SW846 6010B	12/07/07	KDLGJ1CU
			Qualifiers: NC,MSB						
	16300	114	13200	mg/kg			SW846 6010B	12/07/07	KDLGJ1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	8.3	57.0	58.3	mg/kg	88		SW846 6010B	12/07/07	KDLGJ1DD
	8.3	57.0	56.8	mg/kg	85	2.7	SW846 6010B	12/07/07	KDLGJ1DE
			Dilution Factor: 1						
Magnesium									
	636	5700	5770	mg/kg	90		SW846 6010B	12/07/07	KDLGJ1CW
	636	5700	5820	mg/kg	91	0.96	SW846 6010B	12/07/07	KDLGJ1CX
			Dilution Factor: 1						
Manganese									
	130	57.0	173	mg/kg	76		SW846 6010B	12/07/07	KDLGJ1C0
	130	57.0	150 N	mg/kg	36	14	SW846 6010B	12/07/07	KDLGJ1C1
			Dilution Factor: 1						
Mercury									
	ND	0.19	0.21	mg/kg	108		SW846 7471A	12/07-12/10/07	KDLGJ1CA
	ND	0.19	0.21	mg/kg	108	0.37	SW846 7471A	12/07-12/10/07	KDLGJ1CC
			Dilution Factor: 1						
Nickel									
	5.7	57.0	56.5	mg/kg	89		SW846 6010B	12/07/07	KDLGJ1C2
	5.7	57.0	55.8	mg/kg	88	1.1	SW846 6010B	12/07/07	KDLGJ1C3
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	673	5700	5990	mg/kg	93		SW846 6010B	12/07/07	KDLGJ1C4
	673	5700	5960	mg/kg	93	0.54	SW846 6010B	12/07/07	KDLGJ1C5
			Dilution Factor: 1						
Selenium									
	ND	11.4	8.4	mg/kg	74		SW846 6020	12/07-12/10/07	KDLGJ1DK
	ND	11.4	7.3	mg/kg	64	14	SW846 6020	12/07-12/10/07	KDLGJ1DL
			Dilution Factor: 1						
Silver									
	0.030	5.7	5.6	mg/kg	98		SW846 6020	12/07/07	KDLGJ1DM
	0.030	5.7	5.5	mg/kg	96	2.6	SW846 6020	12/07/07	KDLGJ1DN
			Dilution Factor: 10						
Sodium									
	210	5700	5200	mg/kg	88		SW846 6010B	12/07/07	KDLGJ1C6
	210	5700	5190	mg/kg	87	0.29	SW846 6010B	12/07/07	KDLGJ1C7
			Dilution Factor: 1						
Thallium									
	0.041	11.4	9.2	mg/kg	80		SW846 6020	12/07-12/10/07	KDLGJ1DP
	0.041	11.4	9.3	mg/kg	81	1.4	SW846 6020	12/07-12/10/07	KDLGJ1DQ
			Dilution Factor: 1						
Vanadium									
	10.2	57.0	60.6	mg/kg	88		SW846 6010B	12/07/07	KDLGJ1C8
	10.2	57.0	58.4	mg/kg	84	3.7	SW846 6010B	12/07/07	KDLGJ1C9
			Dilution Factor: 1						
Zinc									
	14.6	11.4	22.7	mg/kg	70		SW846 6020	12/07-12/10/07	KDLGJ1DR
	14.6	11.4	22.3	mg/kg	67	1.7	SW846 6020	12/07-12/10/07	KDLGJ1DT
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L060269-001 **Prep Batch #...:** 7341027							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/07/07	KDLGJ1CE
		Dilution Factor: 1					
Antimony	71 N	(75 - 125)			SW846 6020	12/07/07	KDLGJ1DF
	71 N	(75 - 125)	0.95	(0-20)	SW846 6020	12/07/07	KDLGJ1DG
		Dilution Factor: 10					
Arsenic	67	(23 - 131)			SW846 6020	12/07-12/10/07	KDLGJ1DH
	68	(23 - 131)	0.87	(0-20)	SW846 6020	12/07-12/10/07	KDLGJ1DJ
		Dilution Factor: 1					
Barium	91	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CF
	89	(75 - 125)	2.0	(0-20)	SW846 6010B	12/07/07	KDLGJ1CG
		Dilution Factor: 1					
Beryllium	85	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CH
	85	(75 - 125)	0.28	(0-20)	SW846 6010B	12/07/07	KDLGJ1CJ
		Dilution Factor: 1					
Cadmium	85	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CK
	84	(75 - 125)	0.73	(0-20)	SW846 6010B	12/07/07	KDLGJ1CL
		Dilution Factor: 1					
Calcium	90	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CM
	85	(75 - 125)	3.4	(0-20)	SW846 6010B	12/07/07	KDLGJ1CN
		Dilution Factor: 1					
Chromium	88	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1DA
	86	(75 - 125)	1.6	(0-20)	SW846 6010B	12/07/07	KDLGJ1DC
		Dilution Factor: 1					
Cobalt	91	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CP
	89	(75 - 125)	1.7	(0-20)	SW846 6010B	12/07/07	KDLGJ1CQ
		Dilution Factor: 1					
Copper	81	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CR
	79	(75 - 125)	1.9	(0-20)	SW846 6010B	12/07/07	KDLGJ1CT
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/07/07	KDLGJ1CV
		Dilution Factor: 1					
Lead	88	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1DD
	85	(75 - 125)	2.7	(0-20)	SW846 6010B	12/07/07	KDLGJ1DE
		Dilution Factor: 1					
Magnesium	90	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1CW
	91	(75 - 125)	0.96	(0-20)	SW846 6010B	12/07/07	KDLGJ1CX
		Dilution Factor: 1					
Manganese	76	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1C0
	36 N	(75 - 125)	14	(0-20)	SW846 6010B	12/07/07	KDLGJ1C1
		Dilution Factor: 1					
Mercury	108	(11 - 192)			SW846 7471A	12/07-12/10/07	KDLGJ1CA
	108	(11 - 192)	0.37	(0-20)	SW846 7471A	12/07-12/10/07	KDLGJ1CC
		Dilution Factor: 1					
Nickel	89	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1C2
	88	(75 - 125)	1.1	(0-20)	SW846 6010B	12/07/07	KDLGJ1C3
		Dilution Factor: 1					
Potassium	93	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1C4
	93	(75 - 125)	0.54	(0-20)	SW846 6010B	12/07/07	KDLGJ1C5
		Dilution Factor: 1					
Selenium	74	(39 - 116)			SW846 6020	12/07-12/10/07	KDLGJ1DK
	64	(39 - 116)	14	(0-20)	SW846 6020	12/07-12/10/07	KDLGJ1DL
		Dilution Factor: 1					
Silver	98	(75 - 125)			SW846 6020	12/07/07	KDLGJ1DM
	96	(75 - 125)	2.6	(0-20)	SW846 6020	12/07/07	KDLGJ1DN
		Dilution Factor: 10					
Sodium	88	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1C6
	87	(75 - 125)	0.29	(0-20)	SW846 6010B	12/07/07	KDLGJ1C7
		Dilution Factor: 1					
Thallium	80	(62 - 110)			SW846 6020	12/07-12/10/07	KDLGJ1DP
	81	(62 - 110)	1.4	(0-20)	SW846 6020	12/07-12/10/07	KDLGJ1DQ
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L060269 **Matrix.....:** SO
Date Sampled...: 12/05/07 14:20 **Date Received..:** 12/06/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	88	(75 - 125)			SW846 6010B	12/07/07	KDLGJ1C8
	84	(75 - 125)	3.7	(0-20)	SW846 6010B	12/07/07	KDLGJ1C9
		Dilution Factor: 1					
Zinc	70	(10 - 199)			SW846 6020	12/07-12/10/07	KDLGJ1DR
	67	(10 - 199)	1.7	(0-20)	SW846 6020	12/07-12/10/07	KDLGJ1DT
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AA		MB Lot-Sample #:	A7L110000-331	
	ND	0.20	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KDXC81AA		MB Lot-Sample #:	A7L110000-435	
	ND	0.80	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1				
Percent Solids		Work Order #: KDVCA1AA		MB Lot-Sample #:	A7L100000-452	
	ND	10.0	%	MCAWW 160.3 MOD	12/10-12/11/07	7344452
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC		LCS Lot-Sample#: A7L110000-331			
	33.0	28.4	mg/kg	86	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KDXC81AC		LCS Lot-Sample#: A7L110000-435			
	644	717	mg/kg	111	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L060269 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC	LCS Lot-Sample#: A7L110000-331		
	86	(68 - 123)	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KDXC81AC	LCS Lot-Sample#: A7L110000-435		
	111	(10 - 200)	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L060269 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
					% Moisture.....: 14				
Cyanide, Total			WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002		
	ND	2.3	2.2	mg/kg	96		SW846 9012A	12/11/07	7345331
	ND	2.3	2.2	mg/kg	94	2.5	SW846 9012A	12/11/07	7345331
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L060269 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 14	
Cyanide, Total		WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002	
	96	(50 - 134)			SW846 9012A	12/11/07	7345331
	94	(50 - 134)	2.5	(0-20)	SW846 9012A	12/11/07	7345331

Dilution Factor: 1

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L060269 **Work Order #...:** KDLJF-SMP **Matrix.....:** SOLID
KDLJF-DUP
Date Sampled...: 12/04/07 15:00 **Date Received..:** 12/06/07
% Moisture.....: 9.8

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L060282-001		
	90.2	89.2	%	1.1	(0-20)	MCAWW 160.3 MOD	12/10-12/11/07	7344452

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L060269 **Work Order #...:** KDN5Q-SMP **Matrix.....:** SOLID
KDN5Q-DUP
Date Sampled...: 12/05/07 10:30 **Date Received..:** 12/06/07
% Moisture.....: 18

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L070227-003		
	82.3	83.8	%	1.7	(0-20)	MCAWW 160.3 MOD	12/10-12/11/07	7344452

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021

Lot #: A7L070218

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

December 17, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7L070218

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120607-CB-126 12/06/07 08:10 001				
Aroclor 1254	600	190	ug/kg	SW846 8082
Trivalent Chromium	14.2	0.45	mg/kg	SW846 7196A
Silver	0.075 B	0.090	mg/kg	SW846 6020
Arsenic	4.4	0.090	mg/kg	SW846 6020
Antimony	0.10 B	0.18	mg/kg	SW846 6020
Thallium	0.14	0.090	mg/kg	SW846 6020
Zinc	49.5 J	0.90	mg/kg	SW846 6020
Mercury	0.054	0.045	mg/kg	SW846 7471A
Aluminum	7410	18.0	mg/kg	SW846 6010B
Barium	46.5 J	0.90	mg/kg	SW846 6010B
Beryllium	0.20	0.18	mg/kg	SW846 6010B
Calcium	38500 J	450	mg/kg	SW846 6010B
Cadmium	0.20	0.090	mg/kg	SW846 6010B
Cobalt	7.9	0.45	mg/kg	SW846 6010B
Chromium	14.7	0.45	mg/kg	SW846 6010B
Copper	19.5	0.90	mg/kg	SW846 6010B
Iron	15400	9.0	mg/kg	SW846 6010B
Potassium	1070	450	mg/kg	SW846 6010B
Magnesium	8810 J	90.0	mg/kg	SW846 6010B
Manganese	286	0.90	mg/kg	SW846 6010B
Sodium	983	90.0	mg/kg	SW846 6010B
Nickel	15.2	0.90	mg/kg	SW846 6010B
Lead	18.7	0.27	mg/kg	SW846 6010B
Vanadium	18.0	0.90	mg/kg	SW846 6010B
Benzo(a)anthracene	23	7.5	ug/kg	SW846 8270C
Benzo(a)pyrene	24	7.5	ug/kg	SW846 8270C
Benzo(b)fluoranthene	37	7.5	ug/kg	SW846 8270C
Benzo(ghi)perylene	25	7.5	ug/kg	SW846 8270C
Benzo(k)fluoranthene	11	7.5	ug/kg	SW846 8270C
Chrysene	35	7.5	ug/kg	SW846 8270C
Fluoranthene	55	7.5	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	15	7.5	ug/kg	SW846 8270C
2-Methylnaphthalene	7.7	7.5	ug/kg	SW846 8270C
Phenanthrene	30	7.5	ug/kg	SW846 8270C
Pyrene	41	7.5	ug/kg	SW846 8270C
Acetone	13 J	16	ug/kg	SW846 8260B
2-Butanone	2.6 J	16	ug/kg	SW846 8260B
Chloroethane	0.82 J	3.9	ug/kg	SW846 8260B
Methylene chloride	1.2 J,B	3.9	ug/kg	SW846 8260B
Hexavalent Chromium	0.41 B	0.90	mg/kg	SW846 7196A
Percent Solids	88.9	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L070218

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120607-CB-128 12/06/07 09:00 002				
Trivalent Chromium	10	0.48	mg/kg	SW846 7196A
Silver	0.16	0.095	mg/kg	SW846 6020
Arsenic	2.0	0.095	mg/kg	SW846 6020
Antimony	0.46	0.19	mg/kg	SW846 6020
Selenium	0.16 B	0.20	mg/kg	SW846 6020
Thallium	0.16	0.095	mg/kg	SW846 6020
Zinc	92.4 J	0.95	mg/kg	SW846 6020
Mercury	0.17	0.048	mg/kg	SW846 7471A
Aluminum	5300	19.1	mg/kg	SW846 6010B
Barium	92.5 J	0.95	mg/kg	SW846 6010B
Beryllium	0.16 B	0.19	mg/kg	SW846 6010B
Calcium	7860 J	477	mg/kg	SW846 6010B
Cadmium	0.47	0.095	mg/kg	SW846 6010B
Cobalt	5.8	0.48	mg/kg	SW846 6010B
Chromium	12.4	0.48	mg/kg	SW846 6010B
Copper	30.4	0.95	mg/kg	SW846 6010B
Iron	31900	9.5	mg/kg	SW846 6010B
Potassium	754	477	mg/kg	SW846 6010B
Magnesium	2410 J	95.4	mg/kg	SW846 6010B
Manganese	327	0.95	mg/kg	SW846 6010B
Sodium	937	95.4	mg/kg	SW846 6010B
Nickel	10.3	0.95	mg/kg	SW846 6010B
Lead	78.2	0.29	mg/kg	SW846 6010B
Vanadium	12.8	0.95	mg/kg	SW846 6010B
Acenaphthene	17	8.0	ug/kg	SW846 8270C
Acenaphthylene	29	8.0	ug/kg	SW846 8270C
Anthracene	50	8.0	ug/kg	SW846 8270C
Benzo(a)anthracene	180	8.0	ug/kg	SW846 8270C
Benzo(a)pyrene	180	8.0	ug/kg	SW846 8270C
Benzo(b)fluoranthene	260	8.0	ug/kg	SW846 8270C
Benzo(ghi)perylene	140	8.0	ug/kg	SW846 8270C
Benzo(k)fluoranthene	100	8.0	ug/kg	SW846 8270C
Carbazole	27 J	60	ug/kg	SW846 8270C
Chrysene	230	8.0	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	38	8.0	ug/kg	SW846 8270C
Dibenzofuran	34 J	60	ug/kg	SW846 8270C
Fluoranthene	410	8.0	ug/kg	SW846 8270C
Fluorene	23	8.0	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	120	8.0	ug/kg	SW846 8270C
2-Methylnaphthalene	110	8.0	ug/kg	SW846 8270C
Naphthalene	76	8.0	ug/kg	SW846 8270C
Phenanthrene	240	8.0	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

A7L070218

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120607-CB-128 12/06/07 09:00 002				
Pyrene	330	8.0	ug/kg	SW846 8270C
Acetone	33	18	ug/kg	SW846 8260B
Benzene	0.55 J	4.6	ug/kg	SW846 8260B
2-Butanone	9.6 J	18	ug/kg	SW846 8260B
Methylene chloride	3.2 J,B	4.6	ug/kg	SW846 8260B
Toluene	0.36 J	4.6	ug/kg	SW846 8260B
Hexavalent Chromium	2.4	0.95	mg/kg	SW846 7196A
Percent Solids	83.8	10.0	%	MCAWW 160.3 MOD
TB-17322-120607-CB-001 12/06/07 003				
Dichlorodifluoromethane	0.59 J	5.0	ug/kg	SW846 8260B

ANALYTICAL METHODS SUMMARY

A7L070218

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L070218

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDN3X	001	SO-17322-120607-CB-126	12/06/07	08:10
KDN37	002	SO-17322-120607-CB-128	12/06/07	09:00
KDN38	003	TB-17322-120607-CB-001	12/06/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

GC/MS Volatiles

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X1AC **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.7
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**13 J**	**16**	**ug/kg**	**5.0**
Benzene	ND	3.9	ug/kg	0.18
Bromodichloromethane	ND	3.9	ug/kg	0.22
Bromoform	ND	3.9	ug/kg	0.26
Bromomethane	ND	3.9	ug/kg	0.43
2-Butanone	**2.6 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	ND	3.9	ug/kg	0.35
Carbon tetrachloride	ND	3.9	ug/kg	0.29
Chlorobenzene	ND	3.9	ug/kg	0.26
Dibromochloromethane	ND	3.9	ug/kg	0.43
1,2-Dibromo-3-chloro-propane	ND	7.9	ug/kg	1.0
Chloroethane	**0.82 J**	**3.9**	**ug/kg**	**0.68**
Chloroform	ND	3.9	ug/kg	0.23
Chloromethane	ND	3.9	ug/kg	0.32
Cyclohexane	ND	7.9	ug/kg	0.26
1,2-Dibromoethane	ND	3.9	ug/kg	0.39
1,2-Dichlorobenzene	ND	3.9	ug/kg	0.28
1,3-Dichlorobenzene	ND	3.9	ug/kg	0.28
1,4-Dichlorobenzene	ND	3.9	ug/kg	0.52
Dichlorodifluoromethane	ND	3.9	ug/kg	0.39
1,1-Dichloroethane	ND	3.9	ug/kg	0.28
1,2-Dichloroethane	ND	3.9	ug/kg	0.27
1,1-Dichloroethene	ND	3.9	ug/kg	0.41
cis-1,2-Dichloroethene	ND	3.9	ug/kg	0.28
trans-1,2-Dichloroethene	ND	3.9	ug/kg	0.32
1,2-Dichloropropane	ND	3.9	ug/kg	0.54
cis-1,3-Dichloropropene	ND	3.9	ug/kg	0.27
trans-1,3-Dichloropropene	ND	3.9	ug/kg	0.43
Ethylbenzene	ND	3.9	ug/kg	0.20
Trichlorofluoromethane	ND	3.9	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.50
Isopropylbenzene	ND	3.9	ug/kg	0.13
Methyl acetate	ND	7.9	ug/kg	1.1
Methylcyclohexane	ND	7.9	ug/kg	0.24
Methylene chloride	**1.2 J,B**	**3.9**	**ug/kg**	**0.53**
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	3.9	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

GC/MS Volatiles

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.9	ug/kg	0.27
Tetrachloroethene	ND	3.9	ug/kg	0.41
Toluene	ND	3.9	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	3.9	ug/kg	0.21
1,1,1-Trichloroethane	ND	3.9	ug/kg	0.44
1,1,2-Trichloroethane	ND	3.9	ug/kg	0.31
Trichloroethene	ND	3.9	ug/kg	0.33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.9	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	3.9	ug/kg	0.51
1,3,5-Trimethylbenzene	ND	3.9	ug/kg	0.20
Vinyl chloride	ND	3.9	ug/kg	0.31
Xylenes (total)	ND	7.9	ug/kg	0.53
Methyl tert-butyl ether	ND	16	ug/kg	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	101	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

GC/MS Volatiles

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN371AN **Matrix.....:** SO
Date Sampled...: 12/06/07 09:00 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.77
% Moisture.....: 16 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**33**	**18**	**ug/kg**	**5.8**
Benzene	**0.55 J**	**4.6**	**ug/kg**	**0.21**
Bromodichloromethane	ND	4.6	ug/kg	0.26
Bromoform	ND	4.6	ug/kg	0.30
Bromomethane	ND	4.6	ug/kg	0.50
2-Butanone	**9.6 J**	**18**	**ug/kg**	**1.3**
Carbon disulfide	ND	4.6	ug/kg	0.40
Carbon tetrachloride	ND	4.6	ug/kg	0.34
Chlorobenzene	ND	4.6	ug/kg	0.30
Dibromochloromethane	ND	4.6	ug/kg	0.51
1,2-Dibromo-3-chloro-propane	ND	9.2	ug/kg	1.2
Chloroethane	ND	4.6	ug/kg	0.79
Chloroform	ND	4.6	ug/kg	0.27
Chloromethane	ND	4.6	ug/kg	0.38
Cyclohexane	ND	9.2	ug/kg	0.30
1,2-Dibromoethane	ND	4.6	ug/kg	0.46
1,2-Dichlorobenzene	ND	4.6	ug/kg	0.33
1,3-Dichlorobenzene	ND	4.6	ug/kg	0.32
1,4-Dichlorobenzene	ND	4.6	ug/kg	0.61
Dichlorodifluoromethane	ND	4.6	ug/kg	0.46
1,1-Dichloroethane	ND	4.6	ug/kg	0.33
1,2-Dichloroethane	ND	4.6	ug/kg	0.31
1,1-Dichloroethene	ND	4.6	ug/kg	0.48
cis-1,2-Dichloroethene	ND	4.6	ug/kg	0.33
trans-1,2-Dichloroethene	ND	4.6	ug/kg	0.38
1,2-Dichloropropane	ND	4.6	ug/kg	0.63
cis-1,3-Dichloropropene	ND	4.6	ug/kg	0.31
trans-1,3-Dichloropropene	ND	4.6	ug/kg	0.50
Ethylbenzene	ND	4.6	ug/kg	0.24
Trichlorofluoromethane	ND	4.6	ug/kg	0.31
2-Hexanone	ND	18	ug/kg	0.58
Isopropylbenzene	ND	4.6	ug/kg	0.15
Methyl acetate	ND	9.2	ug/kg	1.3
Methylcyclohexane	ND	9.2	ug/kg	0.28
Methylene chloride	**3.2 J,B**	**4.6**	**ug/kg**	**0.62**
4-Methyl-2-pentanone	ND	18	ug/kg	0.50
Styrene	ND	4.6	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

GC/MS Volatiles

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN371AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.6	ug/kg	0.31
Tetrachloroethene	ND	4.6	ug/kg	0.48
Toluene	**0.36 J**	**4.6**	**ug/kg**	**0.25**
1,2,4-Trichloro-benzene	ND	4.6	ug/kg	0.25
1,1,1-Trichloroethane	ND	4.6	ug/kg	0.51
1,1,2-Trichloroethane	ND	4.6	ug/kg	0.36
Trichloroethene	ND	4.6	ug/kg	0.39
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.6	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.6	ug/kg	0.60
1,3,5-Trimethylbenzene	ND	4.6	ug/kg	0.23
Vinyl chloride	ND	4.6	ug/kg	0.36
Xylenes (total)	ND	9.2	ug/kg	0.62
Methyl tert-butyl ether	ND	18	ug/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(59 - 138)
1,2-Dichloroethane-d4	108	(61 - 130)
Toluene-d8	90	(60 - 143)
4-Bromofluorobenzene	132	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120607-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L070218-003 **Work Order #...:** KDN381AA **Matrix.....:** SQ
Date Sampled...: 12/06/07 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	**0.59 J**	**5.0**	**ug/kg**	**0.50**
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120607-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L070218-003 **Work Order #...:** KDN381AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

GC/MS Semivolatiles

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X1A5 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342023
Dilution Factor: 1
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	**23**	**7.5**	**ug/kg**	**1.1**
Benzo(a)pyrene	**24**	**7.5**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**37**	**7.5**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**25**	**7.5**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**11**	**7.5**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	**35**	**7.5**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

GC/MS Semivolatiles

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	**55**	**7.5**	**ug/kg**	**1.3**
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	**15**	**7.5**	**ug/kg**	**1.7**
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	**7.7**	**7.5**	**ug/kg**	**1.7**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	**30**	**7.5**	**ug/kg**	**2.2**
Phenol	ND	56	ug/kg	28
Pyrene	**41**	**7.5**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

GC/MS Semivolatiles

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	69	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	53	(26 - 110)
2,4,6-Tribromophenol	36	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

GC/MS Semivolatiles

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN371AG **Matrix.....:** SO
Date Sampled...: 12/06/07 09:00 **Date Received..:** 12/07/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342023
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	31
Pyridine	ND	120	ug/kg	20
Acenaphthene	**17**	**8.0**	**ug/kg**	**1.6**
Acenaphthylene	**29**	**8.0**	**ug/kg**	**1.4**
Acetophenone	ND	120	ug/kg	31
Anthracene	**50**	**8.0**	**ug/kg**	**1.6**
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	**180**	**8.0**	**ug/kg**	**1.1**
Benzo(a)pyrene	**180**	**8.0**	**ug/kg**	**1.6**
Benzo(b)fluoranthene	**260**	**8.0**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**140**	**8.0**	**ug/kg**	**1.6**
Benzo(k)fluoranthene	**100**	**8.0**	**ug/kg**	**2.0**
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	60	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	ND	60	ug/kg	21
4-Bromophenyl phenyl ether	ND	60	ug/kg	25
Butyl benzyl phthalate	ND	60	ug/kg	23
Caprolactam	ND	390	ug/kg	44
Carbazole	**27 J**	**60**	**ug/kg**	**23**
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	60	ug/kg	26
2-Chlorophenol	ND	60	ug/kg	31
4-Chlorophenyl phenyl ether	ND	60	ug/kg	29
Chrysene	**230**	**8.0**	**ug/kg**	**1.1**
Dibenz(a,h)anthracene	**38**	**8.0**	**ug/kg**	**1.6**
Dibenzofuran	**34 J**	**60**	**ug/kg**	**24**
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	60	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

GC/MS Semivolatiles

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN371AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	60	ug/kg	25
Di-n-butyl phthalate	ND	60	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	16
2,4-Dinitrophenol	ND	390	ug/kg	99
2,4-Dinitrotoluene	ND	240	ug/kg	21
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	60	ug/kg	21
Fluoranthene	**410**	**8.0**	**ug/kg**	**1.4**
Fluorene	**23**	**8.0**	**ug/kg**	**1.4**
Hexachlorobenzene	ND	8.0	ug/kg	2.5
Hexachlorobutadiene	ND	60	ug/kg	31
Hexachlorocyclopenta-diene	ND	390	ug/kg	19
Hexachloroethane	ND	60	ug/kg	33
Indeno(1,2,3-cd)pyrene	**120**	**8.0**	**ug/kg**	**1.8**
Isophorone	ND	60	ug/kg	25
2-Methylnaphthalene	**110**	**8.0**	**ug/kg**	**1.8**
2-Methylphenol	ND	240	ug/kg	33
4-Methylphenol	ND	240	ug/kg	26
Naphthalene	**76**	**8.0**	**ug/kg**	**1.9**
2-Nitroaniline	ND	240	ug/kg	26
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	60	ug/kg	23
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propyl-amine	ND	60	ug/kg	27
N-Nitrosodiphenylamine	ND	60	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	98
Phenanthrene	**240**	**8.0**	**ug/kg**	**2.4**
Phenol	ND	60	ug/kg	30
Pyrene	**330**	**8.0**	**ug/kg**	**1.3**
2,4,5-Trichloro-phenol	ND	180	ug/kg	30
2,4,6-Trichloro-phenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

GC/MS Semivolatiles

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN371AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	69	(41 - 119)
Phenol-d5	44	(28 - 110)
2-Fluorophenol	52	(26 - 110)
2,4,6-Tribromophenol	46	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

GC Semivolatiles

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X1A7 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342026
Dilution Factor: 5
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	190	ug/kg	62
Aroclor 1221	ND	190	ug/kg	73
Aroclor 1232	ND	190	ug/kg	67
Aroclor 1242	ND	190	ug/kg	79
Aroclor 1248	ND	190	ug/kg	84
Aroclor 1254	**600**	**190**	**ug/kg**	**49**
Aroclor 1260	ND	190	ug/kg	55

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	92 DIL	(10 - 196)
Decachlorobiphenyl	95 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

GC Semivolatiles

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN371AJ **Matrix.....:** SO
Date Sampled...: 12/06/07 09:00 **Date Received..:** 12/07/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342026
Dilution Factor: 1
% Moisture.....: 16 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	16
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	17
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	12

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 196)
Decachlorobiphenyl	87	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

TOTAL Metals

Lot-Sample #...: A7L070218-001 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7343028						
Trivalent Chromium	**14.2**	**0.45**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**KDN3X1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7343029						
Aluminum	**7410**	**18.0**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AE**
		Dilution Factor: 1		MDL.....: 10.8		
Arsenic	**4.4**	**0.090**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN3X1A0**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**46.5 J**	**0.90**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AF**
		Dilution Factor: 1		MDL.....: 0.080		
Beryllium	**0.20**	**0.18**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AG**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**38500 J**	**450**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AJ**
		Dilution Factor: 1		MDL.....: 18.0		
Cadmium	**0.20**	**0.090**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AH**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**7.9**	**0.45**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**14.7**	**0.45**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AV**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**19.5**	**0.90**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AL**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**15400**	**9.0**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AM**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.054**	**0.045**	**mg/kg**	**SW846 7471A**	**12/10/07**	**KDN3X1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Potassium	**1070**	**450**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AR**
		Dilution Factor: 1		MDL.....: 7.0		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

TOTAL Metals

Lot-Sample #...: A7L070218-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**8810 J**	**90.0**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AN**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**286**	**0.90**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AP**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	**983**	**90.0**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AT**
		Dilution Factor: 1		MDL.....: 74.2		
Nickel	**15.2**	**0.90**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AQ**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**18.7**	**0.27**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AW**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.10 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/10-12/11/07**	**KDN3X1AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	12/10/07	KDN3X1A1
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.14**	**0.090**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN3X1A3**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**18.0**	**0.90**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN3X1AU**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**49.5 J**	**0.90**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN3X1A4**
		Dilution Factor: 1		MDL.....: 0.49		
Prep Batch #...: 7346197						
Silver	**0.075 B**	**0.090**	**mg/kg**	**SW846 6020**	**12/13/07**	**KDN3X2A2**
		Dilution Factor: 1		MDL.....: 0.018		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

TOTAL Metals

Lot-Sample #...: A7L070218-002 **Matrix.....:** SO
Date Sampled...: 12/06/07 09:00 **Date Received..:** 12/07/07
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7343028						
Trivalent Chromium	**10**	**0.48**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**KDN371AL**
		Dilution Factor: 1		MDL.....: 0.16		
Prep Batch #...: 7343029						
Aluminum	**5300**	**19.1**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AQ**
		Dilution Factor: 1		MDL.....: 11.5		
Arsenic	**2.0**	**0.095**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN371AA**
		Dilution Factor: 1		MDL.....: 0.074		
Barium	**92.5 J**	**0.95**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AR**
		Dilution Factor: 1		MDL.....: 0.085		
Beryllium	**0.16 B**	**0.19**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AT**
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**7860 J**	**477**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AV**
		Dilution Factor: 1		MDL.....: 19.1		
Cadmium	**0.47**	**0.095**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AU**
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**5.8**	**0.48**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**12.4**	**0.48**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**30.4**	**0.95**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371AX**
		Dilution Factor: 1		MDL.....: 0.88		
Iron	**31900**	**9.5**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A0**
		Dilution Factor: 1		MDL.....: 5.8		
Mercury	**0.17**	**0.048**	**mg/kg**	**SW846 7471A**	**12/10/07**	**KDN371AP**
		Dilution Factor: 1		MDL.....: 0.018		
Potassium	**754**	**477**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A4**
		Dilution Factor: 1		MDL.....: 7.4		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

TOTAL Metals

Lot-Sample #...: A7L070218-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2410 J**	**95.4**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A1**
		Dilution Factor: 1		MDL.....: 6.1		
Manganese	**327**	**0.95**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A2**
		Dilution Factor: 1		MDL.....: 0.088		
Sodium	**937**	**95.4**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A5**
		Dilution Factor: 1		MDL.....: 78.7		
Nickel	**10.3**	**0.95**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**78.2**	**0.29**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A8**
		Dilution Factor: 1		MDL.....: 0.23		
Antimony	**0.46**	**0.19**	**mg/kg**	**SW846 6020**	**12/10-12/11/07**	**KDN371A9**
		Dilution Factor: 1		MDL.....: 0.029		
Selenium	**0.16 B**	**0.20**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN371AC**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.16**	**0.095**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN371AE**
		Dilution Factor: 1		MDL.....: 0.016		
Vanadium	**12.8**	**0.95**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDN371A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**92.4 J**	**0.95**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDN371AF**
		Dilution Factor: 1		MDL.....: 0.52		

Prep Batch #...: 7346197

Silver	**0.16**	**0.095**	**mg/kg**	**SW846 6020**	**12/13/07**	**KDN372AD**
		Dilution Factor: 1		MDL.....: 0.019		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-126

General Chemistry

Lot-Sample #...: A7L070218-001 **Work Order #...:** KDN3X **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.41 B**	**0.90**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/10-12/11/07**	**7344456**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120607-CB-128

General Chemistry

Lot-Sample #...: A7L070218-002 **Work Order #...:** KDN37 **Matrix.....:** SO
Date Sampled...: 12/06/07 09:00 **Date Received..:** 12/07/07
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**2.4**	**0.95**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**83.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/10-12/11/07**	**7344456**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L130000-112
Prep Date.....: 12/12/07
Analysis Date..: 12/12/07 **Prep Batch #...:** 7347112
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	**0.36 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.35 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**4.3 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.95 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	0.91	SW846 8260B
Benzene	**50**	**57**	**ug/kg**	**115**		**SW846 8260B**
	50	**56**	**ug/kg**	**112**	**2.0**	**SW846 8260B**
Bromodichloromethane	50	56	ug/kg	112		SW846 8260B
	50	54	ug/kg	109	2.5	SW846 8260B
Bromoform	50	46	ug/kg	91		SW846 8260B
	50	46	ug/kg	92	1.0	SW846 8260B
Bromomethane	50	70	ug/kg	140		SW846 8260B
	50	70	ug/kg	141	0.23	SW846 8260B
2-Butanone	50	46	ug/kg	93		SW846 8260B
	50	47	ug/kg	94	0.84	SW846 8260B
Carbon disulfide	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	110	1.7	SW846 8260B
Carbon tetrachloride	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.2	SW846 8260B
Chlorobenzene	**50**	**49**	**ug/kg**	**97**		**SW846 8260B**
	50	**48**	**ug/kg**	**97**	**0.90**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.13	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	51	ug/kg	101		SW846 8260B
	50	52	ug/kg	104	2.2	SW846 8260B
Chloroethane	50	50	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	3.0	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.67	SW846 8260B
Chloromethane	50	38	ug/kg	77		SW846 8260B
	50	38	ug/kg	76	0.66	SW846 8260B
Cyclohexane	50	46	ug/kg	91		SW846 8260B
	50	44	ug/kg	89	2.5	SW846 8260B
1,2-Dibromoethane	50	49	ug/kg	97		SW846 8260B
	50	49	ug/kg	99	1.7	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.41	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	97	0.87	SW846 8260B
1,4-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	95	0.74	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	46	ug/kg	92		SW846 8260B
	50	46	ug/kg	91	0.94	SW846 8260B
1,1-Dichloroethane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	2.1	SW846 8260B
1,2-Dichloroethane	50	57	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.6	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**0.50**	**SW846 8260B**
cis-1,2-Dichloroethene	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	101	1.0	SW846 8260B
trans-1,2-Dichloroethene	50	51	ug/kg	101		SW846 8260B
	50	49	ug/kg	99	2.4	SW846 8260B
1,2-Dichloropropane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.45	SW846 8260B
cis-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.20	SW846 8260B
trans-1,3-Dichloropropene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	1.2	SW846 8260B
Ethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.9	SW846 8260B
Trichlorofluoromethane	50	64	ug/kg	127		SW846 8260B
	50	61	ug/kg	122	3.8	SW846 8260B
2-Hexanone	50	49	ug/kg	99		SW846 8260B
	50	52	ug/kg	103	4.6	SW846 8260B
Isopropylbenzene	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	106	3.1	SW846 8260B
Methyl acetate	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	107	2.6	SW846 8260B
Methylcyclohexane	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	94	2.7	SW846 8260B
Methylene chloride	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.89	SW846 8260B
4-Methyl-2-pentanone	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	105	3.7	SW846 8260B
Styrene	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.7	SW846 8260B
1,1,2,2-Tetrachloroethane	50	53	ug/kg	106		SW846 8260B
	50	57	ug/kg	113	6.7	SW846 8260B
Tetrachloroethene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	95	2.8	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.5**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	95	5.4	SW846 8260B
1,1,1-Trichloroethane	50	60	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.4	SW846 8260B
1,1,2-Trichloroethane	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.73	SW846 8260B
Trichloroethene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**2.9**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	58	ug/kg	115		SW846 8260B
	50	56	ug/kg	113	2.1	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.19	SW846 8260B
1,3,5-Trimethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.2	SW846 8260B
Vinyl chloride	50	44	ug/kg	88		SW846 8260B
	50	43	ug/kg	86	2.5	SW846 8260B
Xylenes (total)	150	150	ug/kg	101		SW846 8260B
	150	150	ug/kg	100	1.6	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	107		SW846 8260B
	50	54	ug/kg	107	0.19	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
	99	(61 - 130)
Toluene-d8	91	(60 - 143)
	89	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	107	(58 - 130)			SW846 8260B
	108	(58 - 130)	0.91	(0-30)	SW846 8260B
Benzene	**115**	**(75 - 129)**			**SW846 8260B**
	112	**(75 - 129)**	**2.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	112	(72 - 125)			SW846 8260B
	109	(72 - 125)	2.5	(0-30)	SW846 8260B
Bromoform	91	(43 - 149)			SW846 8260B
	92	(43 - 149)	1.0	(0-30)	SW846 8260B
Bromomethane	140	(24 - 152)			SW846 8260B
	141	(24 - 152)	0.23	(0-30)	SW846 8260B
2-Butanone	93	(27 - 200)			SW846 8260B
	94	(27 - 200)	0.84	(0-46)	SW846 8260B
Carbon disulfide	111	(50 - 137)			SW846 8260B
	110	(50 - 137)	1.7	(0-30)	SW846 8260B
Carbon tetrachloride	119	(57 - 137)			SW846 8260B
	116	(57 - 137)	2.2	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(75 - 127)**			**SW846 8260B**
	97	**(75 - 127)**	**0.90**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	105	(49 - 135)			SW846 8260B
	105	(49 - 135)	0.13	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	101	(50 - 150)			SW846 8260B
	104	(50 - 150)	2.2	(0-30)	SW846 8260B
Chloroethane	99	(31 - 144)			SW846 8260B
	96	(31 - 144)	3.0	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.67	(0-30)	SW846 8260B
Chloromethane	77	(15 - 136)			SW846 8260B
	76	(15 - 136)	0.66	(0-30)	SW846 8260B
Cyclohexane	91	(50 - 150)			SW846 8260B
	89	(50 - 150)	2.5	(0-20)	SW846 8260B
1,2-Dibromoethane	97	(50 - 150)			SW846 8260B
	99	(50 - 150)	1.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.41	(0-30)	SW846 8260B
1,3-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.87	(0-20)	SW846 8260B
1,4-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	95	(50 - 150)	0.74	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	92	(50 - 150)			SW846 8260B
	91	(50 - 150)	0.94	(0-20)	SW846 8260B
1,1-Dichloroethane	106	(77 - 119)			SW846 8260B
	104	(77 - 119)	2.1	(0-30)	SW846 8260B
1,2-Dichloroethane	115	(78 - 121)			SW846 8260B
	113	(78 - 121)	1.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**102**	**(55 - 142)**			**SW846 8260B**
	101	**(55 - 142)**	**0.50**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	100	(77 - 114)			SW846 8260B
	101	(77 - 114)	1.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	101	(68 - 117)			SW846 8260B
	99	(68 - 117)	2.4	(0-30)	SW846 8260B
1,2-Dichloropropane	104	(78 - 116)			SW846 8260B
	104	(78 - 116)	0.45	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	104	(71 - 125)			SW846 8260B
	104	(71 - 125)	0.20	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	108	(67 - 125)			SW846 8260B
	107	(67 - 125)	1.2	(0-30)	SW846 8260B
Ethylbenzene	100	(79 - 114)			SW846 8260B
	98	(79 - 114)	1.9	(0-30)	SW846 8260B
Trichlorofluoromethane	127	(50 - 150)			SW846 8260B
	122	(50 - 150)	3.8	(0-20)	SW846 8260B
2-Hexanone	99	(29 - 200)			SW846 8260B
	103	(29 - 200)	4.6	(0-41)	SW846 8260B
Isopropylbenzene	109	(50 - 150)			SW846 8260B
	106	(50 - 150)	3.1	(0-20)	SW846 8260B
Methyl acetate	104	(50 - 150)			SW846 8260B
	107	(50 - 150)	2.6	(0-20)	SW846 8260B
Methylcyclohexane	97	(50 - 150)			SW846 8260B
	94	(50 - 150)	2.7	(0-20)	SW846 8260B
Methylene chloride	103	(58 - 130)			SW846 8260B
	102	(58 - 130)	0.89	(0-30)	SW846 8260B
4-Methyl-2-pentanone	102	(68 - 142)			SW846 8260B
	105	(68 - 142)	3.7	(0-60)	SW846 8260B
Styrene	99	(80 - 114)			SW846 8260B
	98	(80 - 114)	1.7	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	106	(70 - 133)			SW846 8260B
	113	(70 - 133)	6.7	(0-30)	SW846 8260B
Tetrachloroethene	98	(72 - 120)			SW846 8260B
	95	(72 - 120)	2.8	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**2.5**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	100	(50 - 150)			SW846 8260B
	95	(50 - 150)	5.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	119	(67 - 123)			SW846 8260B
	116	(67 - 123)	2.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	96	(82 - 116)			SW846 8260B
	96	(82 - 116)	0.73	(0-30)	SW846 8260B
Trichloroethene	**98**	**(70 - 131)**			**SW846 8260B**
	95	**(70 - 131)**	**2.9**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	115	(50 - 150)			SW846 8260B
	113	(50 - 150)	2.1	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	104	(70 - 130)	0.19	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	108	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.2	(0-30)	SW846 8260B
Vinyl chloride	88	(24 - 152)			SW846 8260B
	86	(24 - 152)	2.5	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	100	(80 - 114)	1.6	(0-30)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	107	(70 - 130)	0.19	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
	99	(61 - 130)
Toluene-d8	91	(60 - 143)
	89	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD
Date Sampled...: 11/28/07 08:30 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1 **% Moisture.....:** 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	10	50	55	ug/kg	91		SW846 8260B
	10	50	51	ug/kg	82	7.8	SW846 8260B
Benzene	**0.27**	**50**	**50**	**ug/kg**	**99**		**SW846 8260B**
	0.27	**50**	**50**	**ug/kg**	**99**	**0.01**	**SW846 8260B**
Bromodichloromethane	ND	50	47	ug/kg	94		SW846 8260B
	ND	50	47	ug/kg	95	1.2	SW846 8260B
Bromoform	ND	50	33	ug/kg	66		SW846 8260B
	ND	50	35	ug/kg	69	4.2	SW846 8260B
Bromomethane	ND	50	68	ug/kg	135		SW846 8260B
	ND	50	66	ug/kg	132	2.6	SW846 8260B
2-Butanone	1.4	50	39	ug/kg	75		SW846 8260B
	1.4	50	38	ug/kg	73	2.4	SW846 8260B
Carbon disulfide	ND	50	48	ug/kg	94		SW846 8260B
	ND	50	49	ug/kg	98	3.4	SW846 8260B
Carbon tetrachloride	ND	50	55	ug/kg	110		SW846 8260B
	ND	50	57	ug/kg	114	3.4	SW846 8260B
Chlorobenzene	**ND**	**50**	**39**	**ug/kg**	**78**		**SW846 8260B**
	ND	**50**	**38**	**ug/kg**	**76**	**2.0**	**SW846 8260B**
Dibromochloromethane	ND	50	42	ug/kg	85		SW846 8260B
	ND	50	42	ug/kg	83	1.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	50	49	ug/kg	98		SW846 8260B
	ND	50	46	ug/kg	92	6.2	SW846 8260B
Chloroethane	ND	50	48	ug/kg	96		SW846 8260B
	ND	50	49	ug/kg	97	0.74	SW846 8260B
Chloroform	ND	50	51	ug/kg	101		SW846 8260B
	ND	50	50	ug/kg	100	0.97	SW846 8260B
Chloromethane	ND	50	37	ug/kg	73		SW846 8260B
	ND	50	37	ug/kg	74	0.19	SW846 8260B
Cyclohexane	ND	50	39	ug/kg	78		SW846 8260B
	ND	50	40	ug/kg	80	2.8	SW846 8260B
1,2-Dibromoethane	ND	50	38	ug/kg	76		SW846 8260B
	ND	50	38	ug/kg	77	0.22	SW846 8260B
1,2-Dichlorobenzene	ND	50	33	ug/kg	66		SW846 8260B
	ND	50	33	ug/kg	65	1.9	SW846 8260B
1,3-Dichlorobenzene	ND	50	36	ug/kg	71		SW846 8260B
	ND	50	33	ug/kg	67	6.0	SW846 8260B
1,4-Dichlorobenzene	ND	50	34	ug/kg	68		SW846 8260B
	ND	50	32	ug/kg	65	4.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	50	45	ug/kg	89		SW846 8260B
	ND	50	45	ug/kg	90	0.64	SW846 8260B
1,1-Dichloroethane	ND	50	49	ug/kg	99		SW846 8260B
	ND	50	50	ug/kg	99	0.46	SW846 8260B
1,2-Dichloroethane	ND	50	50	ug/kg	99		SW846 8260B
	ND	50	51	ug/kg	101	1.9	SW846 8260B
1,1-Dichloroethene	**ND**	**50**	**47**	**ug/kg**	**94**		**SW846 8260B**
	ND	**50**	**48**	**ug/kg**	**96**	**1.2**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	50	45	ug/kg	90		SW846 8260B
	ND	50	44	ug/kg	89	1.1	SW846 8260B
trans-1,2-Dichloroethene	ND	50	45	ug/kg	90		SW846 8260B
	ND	50	45	ug/kg	90	0.23	SW846 8260B
1,2-Dichloropropane	ND	50	46	ug/kg	92		SW846 8260B
	ND	50	46	ug/kg	93	1.0	SW846 8260B
cis-1,3-Dichloropropene	ND	50	41	ug/kg	82		SW846 8260B
	ND	50	42	ug/kg	84	3.0	SW846 8260B
trans-1,3-Dichloropropene	ND	50	42	ug/kg	84		SW846 8260B
	ND	50	41	ug/kg	82	1.7	SW846 8260B
Ethylbenzene	ND	50	41	ug/kg	83		SW846 8260B
	ND	50	41	ug/kg	81	1.6	SW846 8260B
Trichlorofluoromethane	ND	50	60	ug/kg	121		SW846 8260B
	ND	50	61	ug/kg	122	1.2	SW846 8260B
2-Hexanone	ND	50	39	ug/kg	77		SW846 8260B
	ND	50	40	ug/kg	80	3.9	SW846 8260B
Isopropylbenzene	ND	50	44	ug/kg	88		SW846 8260B
	ND	50	43	ug/kg	86	1.8	SW846 8260B
Methyl acetate	ND	50	51	ug/kg	101		SW846 8260B
	ND	50	51	ug/kg	103	1.3	SW846 8260B
Methylcyclohexane	ND	50	39	ug/kg	78		SW846 8260B
	ND	50	40	ug/kg	81	3.7	SW846 8260B
Methylene chloride	11	50	55	ug/kg	88		SW846 8260B
	11	50	56	ug/kg	92	2.9	SW846 8260B
4-Methyl-2-pentanone	ND	50	43	ug/kg	87		SW846 8260B
	ND	50	44	ug/kg	87	0.43	SW846 8260B
Styrene	ND	50	36	ug/kg	73		SW846 8260B
	ND	50	36	ug/kg	73	0.17	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	50	51	ug/kg	103		SW846 8260B
	ND	50	47	ug/kg	95	8.0	SW846 8260B
Tetrachloroethene	13	50	56	ug/kg	85		SW846 8260B
	13	50	49	ug/kg	72	13	SW846 8260B
Toluene	**110**	**50**	**220**	**ug/kg**	**209 a**		**SW846 8260B**
	110	**50**	**150**	**ug/kg**	**71 p**	**38**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	0.56	50	23	ug/kg	45 a		SW846 8260B
	0.56	50	25	ug/kg	49 a	9.7	SW846 8260B
1,1,1-Trichloroethane	ND	50	56	ug/kg	112		SW846 8260B
	ND	50	57	ug/kg	114	1.3	SW846 8260B
1,1,2-Trichloroethane	ND	50	42	ug/kg	84		SW846 8260B
	ND	50	40	ug/kg	81	3.4	SW846 8260B
Trichloroethene	**7.1**	**50**	**53**	**ug/kg**	**91**		**SW846 8260B**
	7.1	**50**	**49**	**ug/kg**	**84**	**7.0**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	50	54	ug/kg	108		SW846 8260B
	ND	50	54	ug/kg	109	0.54	SW846 8260B
1,2,4-Trimethylbenzene	ND	50	45	ug/kg	90		SW846 8260B
	ND	50	41	ug/kg	83	8.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	50	48	ug/kg	97		SW846 8260B
	ND	50	44	ug/kg	88	9.8	SW846 8260B
Vinyl chloride	ND	50	41	ug/kg	83		SW846 8260B
	ND	50	42	ug/kg	84	1.0	SW846 8260B
Xylenes (total)	ND	150	120	ug/kg	83		SW846 8260B
	ND	150	120	ug/kg	81	2.4	SW846 8260B
Methyl tert-butyl ether	ND	50	48	ug/kg	97		SW846 8260B
	ND	50	50	ug/kg	99	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	98	(61 - 130)
Toluene-d8	87	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD
Date Sampled...: 11/28/07 08:30 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1 **% Moisture.....:** 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	91	(10 - 200)			SW846 8260B
	82	(10 - 200)	7.8	(0-66)	SW846 8260B
Benzene	**99**	**(55 - 138)**			**SW846 8260B**
	99	**(55 - 138)**	**0.01**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	94	(47 - 131)			SW846 8260B
	95	(47 - 131)	1.2	(0-51)	SW846 8260B
Bromoform	66	(26 - 141)			SW846 8260B
	69	(26 - 141)	4.2	(0-64)	SW846 8260B
Bromomethane	135	(15 - 152)			SW846 8260B
	132	(15 - 152)	2.6	(0-72)	SW846 8260B
2-Butanone	75	(21 - 195)			SW846 8260B
	73	(21 - 195)	2.4	(0-60)	SW846 8260B
Carbon disulfide	94	(27 - 149)			SW846 8260B
	98	(27 - 149)	3.4	(0-73)	SW846 8260B
Carbon tetrachloride	110	(32 - 143)			SW846 8260B
	114	(32 - 143)	3.4	(0-68)	SW846 8260B
Chlorobenzene	**78**	**(49 - 139)**			**SW846 8260B**
	76	**(49 - 139)**	**2.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	85	(44 - 135)			SW846 8260B
	83	(44 - 135)	1.3	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	98	(50 - 150)			SW846 8260B
	92	(50 - 150)	6.2	(0-20)	SW846 8260B
Chloroethane	96	(32 - 140)			SW846 8260B
	97	(32 - 140)	0.74	(0-66)	SW846 8260B
Chloroform	101	(59 - 128)			SW846 8260B
	100	(59 - 128)	0.97	(0-46)	SW846 8260B
Chloromethane	73	(28 - 130)			SW846 8260B
	74	(28 - 130)	0.19	(0-81)	SW846 8260B
Cyclohexane	78	(50 - 150)			SW846 8260B
	80	(50 - 150)	2.8	(0-20)	SW846 8260B
1,2-Dibromoethane	76	(50 - 150)			SW846 8260B
	77	(50 - 150)	0.22	(0-20)	SW846 8260B
1,2-Dichlorobenzene	66	(50 - 150)			SW846 8260B
	65	(50 - 150)	1.9	(0-20)	SW846 8260B
1,3-Dichlorobenzene	71	(50 - 150)			SW846 8260B
	67	(50 - 150)	6.0	(0-20)	SW846 8260B
1,4-Dichlorobenzene	68	(50 - 150)			SW846 8260B
	65	(50 - 150)	4.6	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	89	(50 - 150)			SW846 8260B
	90	(50 - 150)	0.64	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(56 - 130)			SW846 8260B
	99	(56 - 130)	0.46	(0-54)	SW846 8260B
1,2-Dichloroethane	99	(56 - 126)			SW846 8260B
	101	(56 - 126)	1.9	(0-38)	SW846 8260B
1,1-Dichloroethene	**94**	**(43 - 147)**			**SW846 8260B**
	96	**(43 - 147)**	**1.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	90	(48 - 127)			SW846 8260B
	89	(48 - 127)	1.1	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	90	(47 - 127)			SW846 8260B
	90	(47 - 127)	0.23	(0-58)	SW846 8260B
1,2-Dichloropropane	92	(54 - 125)			SW846 8260B
	93	(54 - 125)	1.0	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	82	(30 - 138)			SW846 8260B
	84	(30 - 138)	3.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	84	(34 - 134)			SW846 8260B
	82	(34 - 134)	1.7	(0-57)	SW846 8260B
Ethylbenzene	83	(36 - 133)			SW846 8260B
	81	(36 - 133)	1.6	(0-72)	SW846 8260B
Trichlorofluoromethane	121	(50 - 150)			SW846 8260B
	122	(50 - 150)	1.2	(0-20)	SW846 8260B
2-Hexanone	77	(20 - 190)			SW846 8260B
	80	(20 - 190)	3.9	(0-70)	SW846 8260B
Isopropylbenzene	88	(50 - 150)			SW846 8260B
	86	(50 - 150)	1.8	(0-20)	SW846 8260B
Methyl acetate	101	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.3	(0-20)	SW846 8260B
Methylcyclohexane	78	(50 - 150)			SW846 8260B
	81	(50 - 150)	3.7	(0-20)	SW846 8260B
Methylene chloride	88	(45 - 129)			SW846 8260B
	92	(45 - 129)	2.9	(0-49)	SW846 8260B
4-Methyl-2-pentanone	87	(42 - 143)			SW846 8260B
	87	(42 - 143)	0.43	(0-60)	SW846 8260B
Styrene	73	(23 - 136)			SW846 8260B
	73	(23 - 136)	0.17	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	103	(33 - 162)			SW846 8260B
	95	(33 - 162)	8.0	(0-90)	SW846 8260B
Tetrachloroethene	85	(31 - 137)			SW846 8260B
	72	(31 - 137)	13	(0-81)	SW846 8260B
Toluene	**209 a**	**(46 - 147)**			**SW846 8260B**
	71 p	**(46 - 147)**	**38**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L070218 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	45 a	(50 - 150)			SW846 8260B
	49 a	(50 - 150)	9.7	(0-20)	SW846 8260B
1,1,1-Trichloroethane	112	(48 - 132)			SW846 8260B
	114	(48 - 132)	1.3	(0-57)	SW846 8260B
1,1,2-Trichloroethane	84	(58 - 128)			SW846 8260B
	81	(58 - 128)	3.4	(0-52)	SW846 8260B
Trichloroethene	**91**	**(46 - 143)**			**SW846 8260B**
	84	**(46 - 143)**	**7.0**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	108	(50 - 150)			SW846 8260B
	109	(50 - 150)	0.54	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	83	(70 - 130)	8.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	88	(70 - 130)	9.8	(0-30)	SW846 8260B
Vinyl chloride	83	(30 - 136)			SW846 8260B
	84	(30 - 136)	1.0	(0-80)	SW846 8260B
Xylenes (total)	83	(33 - 135)			SW846 8260B
	81	(33 - 135)	2.4	(0-78)	SW846 8260B
Methyl tert-butyl ether	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	98	(61 - 130)
Toluene-d8	87	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L080000-023

Prep Date.....: 12/08/07
Analysis Date..: 12/11/07 **Prep Batch #...:** 7342023
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Pyridine	ND	100	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
Terphenyl-d14	73	(41 - 119)
Phenol-d5	59	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	51	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-023
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342023
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	400	ug/kg	60	SW846 8270C
Pyridine	670	420	ug/kg	63	SW846 8270C
Acenaphthene	**670**	**380**	**ug/kg**	**58**	**SW846 8270C**
Acenaphthylene	670	410	ug/kg	62	SW846 8270C
Acetophenone	670	380	ug/kg	57	SW846 8270C
Anthracene	670	430	ug/kg	65	SW846 8270C
Atrazine	670	460	ug/kg	69	SW846 8270C
Benzo(a)anthracene	670	410	ug/kg	62	SW846 8270C
Benzo(a)pyrene	670	400	ug/kg	60	SW846 8270C
Benzo(b)fluoranthene	670	430	ug/kg	64	SW846 8270C
Benzo(ghi)perylene	670	460	ug/kg	68	SW846 8270C
Benzo(k)fluoranthene	670	390	ug/kg	59	SW846 8270C
Benzaldehyde	670	400	ug/kg	59	SW846 8270C
1,1'-Biphenyl	670	390	ug/kg	59	SW846 8270C
bis(2-Chloroethoxy) methane	670	390	ug/kg	58	SW846 8270C
bis(2-Chloroethyl)- ether	670	430	ug/kg	65	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	420	ug/kg	63	SW846 8270C
4-Bromophenyl phenyl ether	670	410	ug/kg	62	SW846 8270C
Butyl benzyl phthalate	670	430	ug/kg	64	SW846 8270C
Caprolactam	670	420	ug/kg	63	SW846 8270C
Carbazole	670	430	ug/kg	64	SW846 8270C
4-Chloroaniline	670	250	ug/kg	37	SW846 8270C
4-Chloro-3-methylphenol	**670**	**360**	**ug/kg**	**55**	**SW846 8270C**
2-Chloronaphthalene	670	380	ug/kg	58	SW846 8270C
2-Chlorophenol	**670**	**340**	**ug/kg**	**51**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	420	ug/kg	62	SW846 8270C
Chrysene	670	420	ug/kg	64	SW846 8270C
Dibenz(a,h)anthracene	670	450	ug/kg	68	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-023

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	400	ug/kg	60	SW846 8270C
3,3'-Dichlorobenzidine	670	210	ug/kg	31	SW846 8270C
2,4-Dichlorophenol	670	360	ug/kg	53	SW846 8270C
Diethyl phthalate	670	440	ug/kg	65	SW846 8270C
2,4-Dimethylphenol	670	270	ug/kg	41	SW846 8270C
Dimethyl phthalate	670	410	ug/kg	62	SW846 8270C
Di-n-butyl phthalate	670	460	ug/kg	68	SW846 8270C
4,6-Dinitro-2-methylphenol	670	310	ug/kg	47	SW846 8270C
2,4-Dinitrophenol	670	280	ug/kg	42	SW846 8270C
2,4-Dinitrotoluene	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
2,6-Dinitrotoluene	670	440	ug/kg	66	SW846 8270C
Di-n-octyl phthalate	670	430	ug/kg	65	SW846 8270C
Fluoranthene	670	470	ug/kg	70	SW846 8270C
Fluorene	670	400	ug/kg	60	SW846 8270C
Hexachlorobenzene	670	400	ug/kg	60	SW846 8270C
Hexachlorobutadiene	670	440	ug/kg	66	SW846 8270C
Hexachlorocyclopenta-diene	670	380	ug/kg	57	SW846 8270C
Hexachloroethane	670	460	ug/kg	69	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	450	ug/kg	67	SW846 8270C
Isophorone	670	430	ug/kg	64	SW846 8270C
2-Methylnaphthalene	670	430	ug/kg	65	SW846 8270C
2-Methylphenol	670	320	ug/kg	49	SW846 8270C
4-Methylphenol	1300	750	ug/kg	56	SW846 8270C
Naphthalene	670	410	ug/kg	62	SW846 8270C
2-Nitroaniline	670	410	ug/kg	62	SW846 8270C
3-Nitroaniline	670	340	ug/kg	51	SW846 8270C
4-Nitroaniline	670	410	ug/kg	61	SW846 8270C
Nitrobenzene	670	420	ug/kg	62	SW846 8270C
2-Nitrophenol	670	380	ug/kg	57	SW846 8270C
4-Nitrophenol	**670**	**300**	**ug/kg**	**45**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**410**	**ug/kg**	**62**	**SW846 8270C**
N-Nitrosodiphenylamine	670	380	ug/kg	57	SW846 8270C
Pentachlorophenol	**670**	**240**	**ug/kg**	**36**	**SW846 8270C**
Phenanthrene	670	410	ug/kg	61	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-023

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**330**	**ug/kg**	**49**	**SW846 8270C**
Pyrene	**670**	**420**	**ug/kg**	**62**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	360	ug/kg	54	SW846 8270C
2,4,6-Trichloro-phenol	670	330	ug/kg	49	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	65	(41 - 119)
Phenol-d5	48	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	51	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-023
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342023
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	60	(36 - 116)	SW846 8270C
Pyridine	63	(22 - 110)	SW846 8270C
Acenaphthene	**58**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	62	(47 - 110)	SW846 8270C
Acetophenone	57	(50 - 130)	SW846 8270C
Anthracene	65	(56 - 111)	SW846 8270C
Atrazine	69	(50 - 130)	SW846 8270C
Benzo(a)anthracene	62	(58 - 111)	SW846 8270C
Benzo(a)pyrene	60	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	64	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	68	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	59	(38 - 122)	SW846 8270C
Benzaldehyde	59	(10 - 130)	SW846 8270C
1,1'-Biphenyl	59	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	58	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	65	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	63	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	62	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	64	(57 - 121)	SW846 8270C
Caprolactam	63	(50 - 130)	SW846 8270C
Carbazole	64	(56 - 115)	SW846 8270C
4-Chloroaniline	37	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**55**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	58	(46 - 110)	SW846 8270C
2-Chlorophenol	**51**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	62	(53 - 110)	SW846 8270C
Chrysene	64	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	68	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-023

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	60	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	31	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	53	(40 - 110)	SW846 8270C
Diethyl phthalate	65	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	41	(28 - 110)	SW846 8270C
Dimethyl phthalate	62	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	68	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	47	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	42	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**66**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	66	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	65	(45 - 123)	SW846 8270C
Fluoranthene	70	(55 - 118)	SW846 8270C
Fluorene	60	(51 - 110)	SW846 8270C
Hexachlorobenzene	60	(51 - 110)	SW846 8270C
Hexachlorobutadiene	66	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	57	(10 - 110)	SW846 8270C
Hexachloroethane	69	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	67	(45 - 121)	SW846 8270C
Isophorone	64	(46 - 117)	SW846 8270C
2-Methylnaphthalene	65	(46 - 110)	SW846 8270C
2-Methylphenol	49	(36 - 110)	SW846 8270C
4-Methylphenol	56	(40 - 110)	SW846 8270C
Naphthalene	62	(42 - 110)	SW846 8270C
2-Nitroaniline	62	(47 - 124)	SW846 8270C
3-Nitroaniline	51	(44 - 110)	SW846 8270C
4-Nitroaniline	61	(50 - 110)	SW846 8270C
Nitrobenzene	62	(40 - 110)	SW846 8270C
2-Nitrophenol	57	(35 - 110)	SW846 8270C
4-Nitrophenol	**45**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**62**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	57	(54 - 112)	SW846 8270C
Pentachlorophenol	**36**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	61	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQW91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-023

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**49**	**(39 - 110)**	**SW846 8270C**
Pyrene	**62**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	54	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	49	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
Terphenyl-d14	65	(41 - 119)
Phenol-d5	48	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	51	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342023
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	460	ug/kg	61		SW846 8270C
	ND	750	450	ug/kg	60	1.9	SW846 8270C
Pyridine	ND	750	140	ug/kg	19		SW846 8270C
	ND	750	230	ug/kg	30 p	45	SW846 8270C
Acenaphthene	**ND**	**750**	**460**	**ug/kg**	**61**		**SW846 8270C**
	ND	**750**	**410**	**ug/kg**	**55**	**9.8**	**SW846 8270C**
Acenaphthylene	ND	750	480	ug/kg	65		SW846 8270C
	ND	750	440	ug/kg	58	10	SW846 8270C
Acetophenone	ND	750	430	ug/kg	57		SW846 8270C
	ND	750	430	ug/kg	57	0.89	SW846 8270C
Anthracene	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	460	ug/kg	61	9.8	SW846 8270C
Atrazine	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	470	ug/kg	63	14	SW846 8270C
Benzo(a)anthracene	23	750	520	ug/kg	66		SW846 8270C
	23	750	440	ug/kg	56	15	SW846 8270C
Benzo(a)pyrene	24	750	490	ug/kg	62		SW846 8270C
	24	750	430	ug/kg	54	14	SW846 8270C
Benzo(b)fluoranthene	37	750	520	ug/kg	64		SW846 8270C
	37	750	450	ug/kg	55	15	SW846 8270C
Benzo(ghi)perylene	25	750	520	ug/kg	66		SW846 8270C
	25	750	450	ug/kg	57	14	SW846 8270C
Benzo(k)fluoranthene	11	750	490	ug/kg	63		SW846 8270C
	11	750	440	ug/kg	57	9.8	SW846 8270C
Benzaldehyde	ND	750	480	ug/kg	64		SW846 8270C
	ND	750	440	ug/kg	58	8.7	SW846 8270C
1,1'-Biphenyl	ND	750	440	ug/kg	59		SW846 8270C
	ND	750	410	ug/kg	54	8.7	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	450	ug/kg	60		SW846 8270C
	ND	750	400	ug/kg	53	13	SW846 8270C
bis(2-Chloroethyl)-ether	ND	750	630	ug/kg	84		SW846 8270C
	ND	750	400	ug/kg	53 p	45	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	750	540	ug/kg	70		SW846 8270C
	ND	750	470	ug/kg	61	14	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	490	ug/kg	65		SW846 8270C
	ND	750	450	ug/kg	60	8.2	SW846 8270C
Butyl benzyl phthalate	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	460	ug/kg	62	15	SW846 8270C
Caprolactam	ND	750	600	ug/kg	80		SW846 8270C
	ND	750	470	ug/kg	63	24	SW846 8270C
Carbazole	ND	750	480	ug/kg	64		SW846 8270C
	ND	750	440	ug/kg	58	8.7	SW846 8270C
4-Chloroaniline	ND	750	350	ug/kg	47		SW846 8270C
	ND	750	260	ug/kg	35 p	31	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**470**	**ug/kg**	**62**		**SW846 8270C**
	ND	**750**	**400**	**ug/kg**	**53**	**16**	**SW846 8270C**
2-Chloronaphthalene	ND	750	440	ug/kg	59		SW846 8270C
	ND	750	410	ug/kg	54	9.2	SW846 8270C
2-Chlorophenol	**ND**	**750**	**420**	**ug/kg**	**56**		**SW846 8270C**
	ND	**750**	**410**	**ug/kg**	**54**	**2.9**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	520	ug/kg	69		SW846 8270C
	ND	750	450	ug/kg	60	14	SW846 8270C
Chrysene	35	750	520	ug/kg	65		SW846 8270C
	35	750	460	ug/kg	57	12	SW846 8270C
Dibenz(a,h)anthracene	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	450	ug/kg	60	12	SW846 8270C
Dibenzofuran	ND	750	480	ug/kg	65		SW846 8270C
	ND	750	420	ug/kg	57	13	SW846 8270C
3,3'-Dichlorobenzidine	ND	750	240	ug/kg	32		SW846 8270C
	ND	750	210	ug/kg	28	13	SW846 8270C
2,4-Dichlorophenol	ND	750	460	ug/kg	62		SW846 8270C
	ND	750	390	ug/kg	52	17	SW846 8270C
Diethyl phthalate	ND	750	540	ug/kg	72		SW846 8270C
	ND	750	460	ug/kg	62	16	SW846 8270C
2,4-Dimethylphenol	ND	750	420	ug/kg	56		SW846 8270C
	ND	750	350	ug/kg	47	17	SW846 8270C
Dimethyl phthalate	ND	750	480	ug/kg	65		SW846 8270C
	ND	750	430	ug/kg	58	11	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	750	550	ug/kg	74		SW846 8270C
	ND	750	490	ug/kg	66	12	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	320	ug/kg	43		SW846 8270C
	ND	750	260	ug/kg	35	20	SW846 8270C
2,4-Dinitrophenol	ND	750	330	ug/kg	44		SW846 8270C
	ND	750	260	ug/kg	34	25	SW846 8270C
2,4-Dinitrotoluene	**ND**	**750**	**530**	**ug/kg**	**71**		**SW846 8270C**
	ND	**750**	**470**	**ug/kg**	**62**	**13**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	470	ug/kg	63	12	SW846 8270C
Di-n-octyl phthalate	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	500	ug/kg	67	13	SW846 8270C
Fluoranthene	55	750	580	ug/kg	70		SW846 8270C
	55	750	520	ug/kg	62	12	SW846 8270C
Fluorene	ND	750	500	ug/kg	66		SW846 8270C
	ND	750	440	ug/kg	59	12	SW846 8270C
Hexachlorobenzene	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	430	ug/kg	57	10	SW846 8270C
Hexachlorobutadiene	ND	750	480	ug/kg	65		SW846 8270C
	ND	750	430	ug/kg	57	12	SW846 8270C
Hexachlorocyclopenta-diene	ND	750	81	ug/kg	11		SW846 8270C
	ND	750	61	ug/kg	8.2 a	27	SW846 8270C
Hexachloroethane	ND	750	450	ug/kg	60		SW846 8270C
	ND	750	420	ug/kg	57	6.2	SW846 8270C
Indeno(1,2,3-cd)pyrene	15	750	520	ug/kg	67		SW846 8270C
	15	750	450	ug/kg	58	14	SW846 8270C
Isophorone	ND	750	490	ug/kg	66		SW846 8270C
	ND	750	440	ug/kg	59	10	SW846 8270C
2-Methylnaphthalene	7.7	750	530	ug/kg	70		SW846 8270C
	7.7	750	450	ug/kg	59	16	SW846 8270C
2-Methylphenol	ND	750	510	ug/kg	69		SW846 8270C
	ND	750	460	ug/kg	61	12	SW846 8270C
4-Methylphenol	ND	1500	890	ug/kg	59		SW846 8270C
	ND	1500	830	ug/kg	55	7.2	SW846 8270C
Naphthalene	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	420	ug/kg	56	12	SW846 8270C
2-Nitroaniline	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	460	ug/kg	62	8.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	750	440	ug/kg	59		SW846 8270C
	ND	750	370	ug/kg	49	18	SW846 8270C
4-Nitroaniline	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	400	ug/kg	54	16	SW846 8270C
Nitrobenzene	ND	750	450	ug/kg	60		SW846 8270C
	ND	750	420	ug/kg	56	6.9	SW846 8270C
2-Nitrophenol	ND	750	430	ug/kg	57		SW846 8270C
	ND	750	390	ug/kg	52	9.9	SW846 8270C
4-Nitrophenol	**ND**	**750**	**370**	**ug/kg**	**49**		**SW846 8270C**
	ND	**750**	**330**	**ug/kg**	**44**	**10**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**450**	**ug/kg**	**61**		**SW846 8270C**
	ND	**750**	**440**	**ug/kg**	**59**	**3.2**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	750	450	ug/kg	60		SW846 8270C
	ND	750	420	ug/kg	56	8.0	SW846 8270C
Pentachlorophenol	**ND**	**750**	**200**	**ug/kg**	**27**		**SW846 8270C**
	ND	**750**	**200**	**ug/kg**	**27**	**0.80**	**SW846 8270C**
Phenanthrene	30	750	500	ug/kg	63		SW846 8270C
	30	750	450	ug/kg	56	11	SW846 8270C
Phenol	**ND**	**750**	**460**	**ug/kg**	**61**		**SW846 8270C**
	ND	**750**	**380**	**ug/kg**	**51**	**18**	**SW846 8270C**
Pyrene	**41**	**750**	**550**	**ug/kg**	**68**		**SW846 8270C**
	41	**750**	**480**	**ug/kg**	**59**	**14**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	410	ug/kg	54		SW846 8270C
	ND	750	380	ug/kg	50	8.1	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	300	ug/kg	40		SW846 8270C
	ND	750	300	ug/kg	41	0.27	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
	56	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
	53	(34 - 110)
Terphenyl-d14	77	(41 - 119)
	65	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	55	(28 - 110)
	53	(28 - 110)
2-Fluorophenol	56	(26 - 110)
	57	(26 - 110)
2,4,6-Tribromophenol	41	(10 - 118)
	36	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342023
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	61	(25 - 124)			SW846 8270C
	60	(25 - 124)	1.9	(0-30)	SW846 8270C
Pyridine	19	(10 - 110)			SW846 8270C
	30 p	(10 - 110)	45	(0-30)	SW846 8270C
Acenaphthene	**61**	**(10 - 200)**			**SW846 8270C**
	55	**(10 - 200)**	**9.8**	**(0-30)**	**SW846 8270C**
Acenaphthylene	65	(10 - 200)			SW846 8270C
	58	(10 - 200)	10	(0-30)	SW846 8270C
Acetophenone	57	(50 - 130)			SW846 8270C
	57	(50 - 130)	0.89	(0-30)	SW846 8270C
Anthracene	68	(10 - 200)			SW846 8270C
	61	(10 - 200)	9.8	(0-30)	SW846 8270C
Atrazine	72	(50 - 130)			SW846 8270C
	63	(50 - 130)	14	(0-30)	SW846 8270C
Benzo(a)anthracene	66	(10 - 200)			SW846 8270C
	56	(10 - 200)	15	(0-30)	SW846 8270C
Benzo(a)pyrene	62	(10 - 200)			SW846 8270C
	54	(10 - 200)	14	(0-30)	SW846 8270C
Benzo(b)fluoranthene	64	(10 - 200)			SW846 8270C
	55	(10 - 200)	15	(0-30)	SW846 8270C
Benzo(ghi)perylene	66	(10 - 200)			SW846 8270C
	57	(10 - 200)	14	(0-30)	SW846 8270C
Benzo(k)fluoranthene	63	(10 - 200)			SW846 8270C
	57	(10 - 200)	9.8	(0-30)	SW846 8270C
Benzaldehyde	64	(10 - 130)			SW846 8270C
	58	(10 - 130)	8.7	(0-30)	SW846 8270C
1,1'-Biphenyl	59	(50 - 130)			SW846 8270C
	54	(50 - 130)	8.7	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	60	(36 - 110)			SW846 8270C
	53	(36 - 110)	13	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	84	(32 - 118)			SW846 8270C
	53 p	(32 - 118)	45	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	70	(10 - 200)			SW846 8270C
	61	(10 - 200)	14	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	65	(44 - 120)			SW846 8270C
	60	(44 - 120)	8.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	72	(43 - 138)			SW846 8270C
	62	(43 - 138)	15	(0-30)	SW846 8270C
Caprolactam	80	(50 - 130)			SW846 8270C
	63	(50 - 130)	24	(0-30)	SW846 8270C
Carbazole	64	(10 - 162)			SW846 8270C
	58	(10 - 162)	8.7	(0-30)	SW846 8270C
4-Chloroaniline	47	(11 - 110)			SW846 8270C
	35 p	(11 - 110)	31	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**62**	**(32 - 117)**			**SW846 8270C**
	53	**(32 - 117)**	**16**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	59	(40 - 110)			SW846 8270C
	54	(40 - 110)	9.2	(0-30)	SW846 8270C
2-Chlorophenol	**56**	**(32 - 110)**			**SW846 8270C**
	54	**(32 - 110)**	**2.9**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	69	(47 - 116)			SW846 8270C
	60	(47 - 116)	14	(0-30)	SW846 8270C
Chrysene	65	(10 - 200)			SW846 8270C
	57	(10 - 200)	12	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	67	(10 - 200)			SW846 8270C
	60	(10 - 200)	12	(0-30)	SW846 8270C
Dibenzofuran	65	(10 - 200)			SW846 8270C
	57	(10 - 200)	13	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	32	(10 - 110)			SW846 8270C
	28	(10 - 110)	13	(0-30)	SW846 8270C
2,4-Dichlorophenol	62	(33 - 110)			SW846 8270C
	52	(33 - 110)	17	(0-30)	SW846 8270C
Diethyl phthalate	72	(48 - 118)			SW846 8270C
	62	(48 - 118)	16	(0-30)	SW846 8270C
2,4-Dimethylphenol	56	(19 - 114)			SW846 8270C
	47	(19 - 114)	17	(0-30)	SW846 8270C
Dimethyl phthalate	65	(47 - 116)			SW846 8270C
	58	(47 - 116)	11	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	74	(31 - 145)			SW846 8270C
	66	(31 - 145)	12	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	43	(10 - 110)			SW846 8270C
	35	(10 - 110)	20	(0-30)	SW846 8270C
2,4-Dinitrophenol	44	(10 - 110)			SW846 8270C
	34	(10 - 110)	25	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**71**	**(42 - 118)**			**SW846 8270C**
	62	**(42 - 118)**	**13**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	71	(28 - 137)			SW846 8270C
	63	(28 - 137)	12	(0-30)	SW846 8270C
Di-n-octyl phthalate	76	(10 - 182)			SW846 8270C
	67	(10 - 182)	13	(0-30)	SW846 8270C
Fluoranthene	70	(10 - 200)			SW846 8270C
	62	(10 - 200)	12	(0-30)	SW846 8270C
Fluorene	66	(10 - 187)			SW846 8270C
	59	(10 - 187)	12	(0-30)	SW846 8270C
Hexachlorobenzene	63	(37 - 122)			SW846 8270C
	57	(37 - 122)	10	(0-30)	SW846 8270C
Hexachlorobutadiene	65	(30 - 110)			SW846 8270C
	57	(30 - 110)	12	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	11	(10 - 110)			SW846 8270C
	8.2 a	(10 - 110)	27	(0-30)	SW846 8270C
Hexachloroethane	60	(13 - 110)			SW846 8270C
	57	(13 - 110)	6.2	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	67	(10 - 200)			SW846 8270C
	58	(10 - 200)	14	(0-30)	SW846 8270C
Isophorone	66	(32 - 129)			SW846 8270C
	59	(32 - 129)	10	(0-30)	SW846 8270C
2-Methylnaphthalene	70	(10 - 200)			SW846 8270C
	59	(10 - 200)	16	(0-30)	SW846 8270C
2-Methylphenol	69	(19 - 124)			SW846 8270C
	61	(19 - 124)	12	(0-30)	SW846 8270C
4-Methylphenol	59	(27 - 116)			SW846 8270C
	55	(27 - 116)	7.2	(0-30)	SW846 8270C
Naphthalene	63	(10 - 200)			SW846 8270C
	56	(10 - 200)	12	(0-30)	SW846 8270C
2-Nitroaniline	68	(31 - 141)			SW846 8270C
	62	(31 - 141)	8.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	59	(24 - 110)			SW846 8270C
	49	(24 - 110)	18	(0-30)	SW846 8270C
4-Nitroaniline	63	(23 - 124)			SW846 8270C
	54	(23 - 124)	16	(0-30)	SW846 8270C
Nitrobenzene	60	(33 - 111)			SW846 8270C
	56	(33 - 111)	6.9	(0-30)	SW846 8270C
2-Nitrophenol	57	(17 - 110)			SW846 8270C
	52	(17 - 110)	9.9	(0-30)	SW846 8270C
4-Nitrophenol	**49**	**(10 - 125)**			**SW846 8270C**
	44	**(10 - 125)**	**10**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**61**	**(30 - 121)**			**SW846 8270C**
	59	**(30 - 121)**	**3.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	60	(10 - 169)			SW846 8270C
	56	(10 - 169)	8.0	(0-30)	SW846 8270C
Pentachlorophenol	**27**	**(10 - 182)**			**SW846 8270C**
	27	**(10 - 182)**	**0.80**	**(0-30)**	**SW846 8270C**
Phenanthrene	63	(10 - 200)			SW846 8270C
	56	(10 - 200)	11	(0-30)	SW846 8270C
Phenol	**61**	**(10 - 144)**			**SW846 8270C**
	51	**(10 - 144)**	**18**	**(0-30)**	**SW846 8270C**
Pyrene	**68**	**(10 - 200)**			**SW846 8270C**
	59	**(10 - 200)**	**14**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	54	(32 - 112)			SW846 8270C
	50	(32 - 112)	8.1	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	40	(22 - 110)			SW846 8270C
	41	(22 - 110)	0.27	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
	56	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
	53	(34 - 110)
Terphenyl-d14	77	(41 - 119)
	65	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDN3X1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L070218-001 KDN3X1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	55	(28 - 110)
	53	(28 - 110)
2-Fluorophenol	56	(26 - 110)
	57	(26 - 110)
2,4,6-Tribromophenol	41	(10 - 118)
	36	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQXC1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L080000-026

Prep Date.....: 12/08/07
Analysis Date..: 12/11/07 **Prep Batch #...:** 7342026
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(10 - 196)
Decachlorobiphenyl	57	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQXC1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-026
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342026
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**180**	**ug/kg**	**54**	**SW846 8082**
Aroclor 1260	**330**	**190**	**ug/kg**	**56**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	64	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDQXC1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L080000-026
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342026
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**54**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**56**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	64	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDL9V1A5-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L060388-001 KDL9V1A6-MSD
Date Sampled...: 12/04/07 14:00 **Date Received..:** 12/06/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342026
Dilution Factor: 1 **% Moisture.....:** 29

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**470**	**260**	**ug/kg**	**54**		**SW846 8082**
	ND	**470**	**300**	**ug/kg**	**63**	**15**	**SW846 8082**
Aroclor 1260	**280**	**470**	**370**	**ug/kg**	**19**		**SW846 8082**
	280	**470**	**430**	**ug/kg**	**32**	**16**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 196)
	70	(10 - 196)
Decachlorobiphenyl	137	(10 - 199)
	132	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L070218 **Work Order #...:** KDL9V1A5-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L060388-001 KDL9V1A6-MSD
Date Sampled...: 12/04/07 14:00 **Date Received..:** 12/06/07
Prep Date.....: 12/08/07 **Analysis Date..:** 12/11/07
Prep Batch #...: 7342026
Dilution Factor: 1 **% Moisture.....:** 29

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**54**	**(10 - 199)**			**SW846 8082**
	63	**(10 - 199)**	**15**	**(0-30)**	**SW846 8082**
Aroclor 1260	**19**	**(10 - 199)**			**SW846 8082**
	32	**(10 - 199)**	**16**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 196)
	70	(10 - 196)
Decachlorobiphenyl	137	(10 - 199)
	132	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L090000-029 **Prep Batch #...:** 7343029						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AC
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	12/10-12/11/07	KDRVC1AV
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	12/10/07	KDRVC1AW
		Dilution Factor: 1				
Barium	**0.14 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRVC1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AF
		Dilution Factor: 1				
Calcium	**23.2 B**	**400**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRVC1AG**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AU
		Dilution Factor: 1				
Magnesium	**6.0 B**	**80.0**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRVC1AL**
		Dilution Factor: 1				
Manganese	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AM
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	12/10/07	KDRVC1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	12/10/07	KDRVC1AX
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	12/10/07	KDRVC1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AR
		Dilution Factor: 1				
Zinc	**0.46 B**	**0.80**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRVC1A2**
		Dilution Factor: 1				

MB Lot-Sample #: A7L120000-197 **Prep Batch #...:** 7346197

Silver	ND	0.080	mg/kg	SW846 6020	12/13/07	KDX8V1AA
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L090000-029 **Prep Batch #...:** 7343029							
Mercury	0.83	0.76	mg/kg	91	SW846 7471A	12/10/07	KDRVC1A3
			Dilution Factor: 1				
Aluminum	200	191	mg/kg	95	SW846 6010B	12/10-12/11/07	KDRVC1A4
			Dilution Factor: 1				
Barium	200	185	mg/kg	93	SW846 6010B	12/10-12/11/07	KDRVC1A5
			Dilution Factor: 1				
Beryllium	5.0	4.4	mg/kg	88	SW846 6010B	12/10-12/11/07	KDRVC1A6
			Dilution Factor: 1				
Cadmium	5.0	4.4	mg/kg	89	SW846 6010B	12/10-12/11/07	KDRVC1A7
			Dilution Factor: 1				
Calcium	5000	4530	mg/kg	91	SW846 6010B	12/10-12/11/07	KDRVC1A8
			Dilution Factor: 1				
Cobalt	50.0	44.0	mg/kg	88	SW846 6010B	12/10-12/11/07	KDRVC1A9
			Dilution Factor: 1				
Copper	25.0	22.9	mg/kg	92	SW846 6010B	12/10-12/11/07	KDRVC1CA
			Dilution Factor: 1				
Iron	100	97.6	mg/kg	98	SW846 6010B	12/10-12/11/07	KDRVC1CC
			Dilution Factor: 1				
Magnesium	5000	4540	mg/kg	91	SW846 6010B	12/10-12/11/07	KDRVC1CD
			Dilution Factor: 1				
Manganese	50.0	44.7	mg/kg	89	SW846 6010B	12/10-12/11/07	KDRVC1CE
			Dilution Factor: 1				
Nickel	50.0	44.6	mg/kg	89	SW846 6010B	12/10-12/11/07	KDRVC1CF
			Dilution Factor: 1				
Potassium	5000	4830	mg/kg	97	SW846 6010B	12/10-12/11/07	KDRVC1CG
			Dilution Factor: 1				
Sodium	5000	4520	mg/kg	90	SW846 6010B	12/10-12/11/07	KDRVC1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	45.0	mg/kg	90	SW846 6010B	12/10-12/11/07	KDRVC1CJ
			Dilution Factor: 1				
Chromium	20.0	17.9	mg/kg	90	SW846 6010B	12/10-12/11/07	KDRVC1CK
			Dilution Factor: 1				
Lead	50.0	43.8	mg/kg	88	SW846 6010B	12/10-12/11/07	KDRVC1CL
			Dilution Factor: 1				
Antimony	50.0	52.0	mg/kg	104	SW846 6020	12/10-12/11/07	KDRVC1CM
			Dilution Factor: 10				
Arsenic	10.0	8.1	mg/kg	81	SW846 6020	12/10/07	KDRVC1CN
			Dilution Factor: 1				
Selenium	10.0	8.5	mg/kg	85	SW846 6020	12/10/07	KDRVC1CP
			Dilution Factor: 1				
Thallium	10.0	8.6	mg/kg	86	SW846 6020	12/10/07	KDRVC1CR
			Dilution Factor: 1				
Zinc	10.0	8.6	mg/kg	86	SW846 6020	12/10/07	KDRVC1CT
			Dilution Factor: 1				

LCS Lot-Sample#: A7L120000-197 **Prep Batch #...:** 7346197

Silver	5.0	4.4	mg/kg	88	SW846 6020	12/13/07	KDX8V1AC
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L090000-029 **Prep Batch #...:** 7343029					
Mercury	91	(81 - 116)	SW846 7471A Dilution Factor: 1	12/10/07	KDRVC1A3
Aluminum	95	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A4
Barium	93	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A5
Beryllium	88	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A6
Cadmium	89	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A7
Calcium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A8
Cobalt	88	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A9
Copper	92	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CA
Iron	98	(73 - 137)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CC
Magnesium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CD
Manganese	89	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CE
Nickel	89	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CF
Potassium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CG
Sodium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CH

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	90	(80 - 120)	SW846 6010B	12/10-12/11/07	KDRVC1CJ
		Dilution Factor: 1			
Chromium	90	(80 - 120)	SW846 6010B	12/10-12/11/07	KDRVC1CK
		Dilution Factor: 1			
Lead	88	(80 - 120)	SW846 6010B	12/10-12/11/07	KDRVC1CL
		Dilution Factor: 1			
Antimony	104	(80 - 120)	SW846 6020	12/10-12/11/07	KDRVC1CM
		Dilution Factor: 10			
Arsenic	81	(73 - 110)	SW846 6020	12/10/07	KDRVC1CN
		Dilution Factor: 1			
Selenium	85	(73 - 110)	SW846 6020	12/10/07	KDRVC1CP
		Dilution Factor: 1			
Thallium	86	(71 - 110)	SW846 6020	12/10/07	KDRVC1CR
		Dilution Factor: 1			
Zinc	86	(72 - 113)	SW846 6020	12/10/07	KDRVC1CT
		Dilution Factor: 1			
LCS Lot-Sample#: A7L120000-197 **Prep Batch #...:** 7346197					
Silver	88	(80 - 120)	SW846 6020	12/13/07	KDX8V1AC
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7343029									
Aluminum									
	7410	225	7200	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CF
			Qualifiers: NC,MSB						
	7410	225	10900	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CG
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.10	56.2	27.0 N	mg/kg	48		SW846 6020	12/10-12/11/07	KDN3X1DH
	0.10	56.2	27.4 N	mg/kg	49	1.6	SW846 6020	12/10-12/11/07	KDN3X1DJ
			Dilution Factor: 10						
Arsenic									
	4.4	11.2	13.9	mg/kg	85		SW846 6020	12/10/07	KDN3X1DK
	4.4	11.2	13.1	mg/kg	78	5.9	SW846 6020	12/10/07	KDN3X1DL
			Dilution Factor: 1						
Barium									
	46.5	225	399 N	mg/kg	157		SW846 6010B	12/10-12/11/07	KDN3X1CH
	46.5	225	251 *	mg/kg	91	45	SW846 6010B	12/10-12/11/07	KDN3X1CJ
			Dilution Factor: 1						
Beryllium									
	0.20	5.6	4.4 N	mg/kg	74		SW846 6010B	12/10-12/11/07	KDN3X1CK
	0.20	5.6	4.8	mg/kg	82	9.8	SW846 6010B	12/10-12/11/07	KDN3X1CL
			Dilution Factor: 1						
Cadmium									
	0.20	5.6	4.5	mg/kg	76		SW846 6010B	12/10-12/11/07	KDN3X1CM
	0.20	5.6	4.7	mg/kg	81	5.3	SW846 6010B	12/10-12/11/07	KDN3X1CN
			Dilution Factor: 1						
Calcium									
	38500	5620	111000	mg/kg			SW846 6010B	12/10-12/12/07	KDN3X1CP
			Qualifiers: NC,MSB						
	38500	5620	34800	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	14.7	22.5	46.4 N	mg/kg	141		SW846 6010B	12/10-12/11/07	KDN3X1DD
	14.7	22.5	40.4	mg/kg	114	14	SW846 6010B	12/10-12/11/07	KDN3X1DE
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	7.9	56.2	48.8 N	mg/kg	73		SW846 6010B	12/10-12/11/07	KDN3X1CR
	7.9	56.2	54.4	mg/kg	83	11	SW846 6010B	12/10-12/11/07	KDN3X1CT
			Dilution Factor: 1						
Copper									
	19.5	28.1	43.6	mg/kg	85		SW846 6010B	12/10-12/11/07	KDN3X1CU
	19.5	28.1	46.7	mg/kg	97	6.9	SW846 6010B	12/10-12/11/07	KDN3X1CV
			Dilution Factor: 1						
Iron									
	15400	112	13800	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CW
			Qualifiers: NC,MSB						
	15400	112	18700	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CX
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	18.7	56.2	73.5	mg/kg	97		SW846 6010B	12/10-12/11/07	KDN3X1DF
	18.7	56.2	67.2	mg/kg	86	8.9	SW846 6010B	12/10-12/11/07	KDN3X1DG
			Dilution Factor: 1						
Magnesium									
	8810	5620	27600 N	mg/kg	334		SW846 6010B	12/10-12/11/07	KDN3X1C0
	8810	5620	13300 *	mg/kg	80	70	SW846 6010B	12/10-12/11/07	KDN3X1C1
			Dilution Factor: 1						
Manganese									
	286	56.2	333	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1C2
			Qualifiers: NC,MSB						
	286	56.2	351	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1C3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.054	0.19	0.23	mg/kg	94		SW846 7471A	12/10/07	KDN3X1CD
	0.054	0.19	0.25	mg/kg	106	9.0	SW846 7471A	12/10/07	KDN3X1CE
			Dilution Factor: 1						
Nickel									
	15.2	56.2	62.5	mg/kg	84		SW846 6010B	12/10-12/11/07	KDN3X1C4
	15.2	56.2	63.6	mg/kg	86	1.8	SW846 6010B	12/10-12/11/07	KDN3X1C5
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	1070	5620	6680	mg/kg	100		SW846 6010B	12/10-12/11/07	KDN3X1C6
	1070	5620	6930	mg/kg	104	3.7	SW846 6010B	12/10-12/11/07	KDN3X1C7
			Dilution Factor: 1						
Selenium									
	ND	11.2	9.7	mg/kg	87		SW846 6020	12/10/07	KDN3X1DM
	ND	11.2	9.5	mg/kg	85	2.1	SW846 6020	12/10/07	KDN3X1DN
			Dilution Factor: 1						
Sodium									
	983	5620	5580	mg/kg	82		SW846 6010B	12/10-12/11/07	KDN3X1C8
	983	5620	5990	mg/kg	89	7.1	SW846 6010B	12/10-12/11/07	KDN3X1C9
			Dilution Factor: 1						
Thallium									
	0.14	11.2	9.1	mg/kg	80		SW846 6020	12/10/07	KDN3X1DR
	0.14	11.2	8.9	mg/kg	78	2.6	SW846 6020	12/10/07	KDN3X1DT
			Dilution Factor: 1						
Vanadium									
	18.0	56.2	61.3	mg/kg	77		SW846 6010B	12/10-12/11/07	KDN3X1DA
	18.0	56.2	69.0	mg/kg	91	12	SW846 6010B	12/10-12/11/07	KDN3X1DC
			Dilution Factor: 1						
Zinc									
	49.5	11.2	52.5	mg/kg			SW846 6020	12/10/07	KDN3X1DU
			Qualifiers: NC,MSB						
	49.5	11.2	52.9	mg/kg			SW846 6020	12/10/07	KDN3X1DV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						

MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7346197

Silver									
	0.075	5.6	4.5	mg/kg	79		SW846 6020	12/13/07	KDN3X1G7
	0.075	5.6	4.3	mg/kg	75	5.2	SW846 6020	12/13/07	KDN3X1G8
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

* Relative percent difference (RPD) is outside stated control limits.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7343029							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CF
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CG
		Dilution Factor: 1					
Antimony	48 N	(75 - 125)			SW846 6020	12/10-12/11/07	KDN3X1DH
	49 N	(75 - 125)	1.6	(0-20)	SW846 6020	12/10-12/11/07	KDN3X1DJ
		Dilution Factor: 10					
Arsenic	85	(23 - 131)			SW846 6020	12/10/07	KDN3X1DK
	78	(23 - 131)	5.9	(0-20)	SW846 6020	12/10/07	KDN3X1DL
		Dilution Factor: 1					
Barium	157 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CH
	91 *	(75 - 125)	45	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CJ
		Dilution Factor: 1					
Beryllium	74 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CK
	82	(75 - 125)	9.8	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CL
		Dilution Factor: 1					
Cadmium	76	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CM
	81	(75 - 125)	5.3	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CN
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/12/07	KDN3X1CP
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CQ
		Dilution Factor: 5					
Chromium	141 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1DD
	114	(75 - 125)	14	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1DE
		Dilution Factor: 1					
Cobalt	73 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CR
	83	(75 - 125)	11	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CT
		Dilution Factor: 1					
Copper	85	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CU
	97	(75 - 125)	6.9	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CV
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CW
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CX
		Dilution Factor: 1					
Lead	97	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1DF
	86	(75 - 125)	8.9	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1DG
		Dilution Factor: 1					
Magnesium	334 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C0
	80 *	(75 - 125)	70	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C1
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C2
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C3
		Dilution Factor: 1					
Mercury	94	(11 - 192)			SW846 7471A	12/10/07	KDN3X1CD
	106	(11 - 192)	9.0	(0-20)	SW846 7471A	12/10/07	KDN3X1CE
		Dilution Factor: 1					
Nickel	84	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C4
	86	(75 - 125)	1.8	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C5
		Dilution Factor: 1					
Potassium	100	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C6
	104	(75 - 125)	3.7	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C7
		Dilution Factor: 1					
Selenium	87	(39 - 116)			SW846 6020	12/10/07	KDN3X1DM
	85	(39 - 116)	2.1	(0-20)	SW846 6020	12/10/07	KDN3X1DN
		Dilution Factor: 1					
Sodium	82	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C8
	89	(75 - 125)	7.1	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C9
		Dilution Factor: 1					
Thallium	80	(62 - 110)			SW846 6020	12/10/07	KDN3X1DR
	78	(62 - 110)	2.6	(0-20)	SW846 6020	12/10/07	KDN3X1DT
		Dilution Factor: 1					
Vanadium	77	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1DA
	91	(75 - 125)	12	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1DC
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L070218 **Matrix.....:** SO
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	NC,MSB	(10 - 199)			SW846 6020	12/10/07	KDN3X1DU
	NC,MSB	(10 - 199)		(0-20)	SW846 6020	12/10/07	KDN3X1DV
		Dilution Factor: 1					

MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7346197

Silver	79	(75 - 125)			SW846 6020	12/13/07	KDN3X1G7
	75	(75 - 125)	5.2	(0-20)	SW846 6020	12/13/07	KDN3X1G8
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

* Relative percent difference (RPD) is outside stated control limits.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AA		MB Lot-Sample #:	A7L110000-331	
	ND	0.20	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KDXC81AA		MB Lot-Sample #:	A7L110000-435	
	ND	0.80	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1				
Percent Solids		Work Order #: KDVCM1AA		MB Lot-Sample #:	A7L100000-456	
	ND	10.0	%	MCAWW 160.3 MOD	12/10-12/11/07	7344456
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC		LCS Lot-Sample#: A7L110000-331			
	33.0	28.4	mg/kg	86	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KDXC81AC		LCS Lot-Sample#: A7L110000-435			
	644	717	mg/kg	111	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L070218 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC	LCS Lot-Sample#: A7L110000-331		
	86	(68 - 123)	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KDXC81AC	LCS Lot-Sample#: A7L110000-435		
	111	(10 - 200)	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L070218 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
					% Moisture.....: 14				
Cyanide, Total			WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002		
	ND	2.3	2.2	mg/kg	96		SW846 9012A	12/11/07	7345331
	ND	2.3	2.2	mg/kg	94	2.5	SW846 9012A	12/11/07	7345331
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L070218 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 14	
Cyanide, Total		WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002	
	96	(50 - 134)			SW846 9012A	12/11/07	7345331
	94	(50 - 134)	2.5	(0-20)	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L070218 **Work Order #...:** KC9FV-SMP KC9FV-DUP **Matrix.....:** SOLID

Date Sampled...: 11/30/07 09:01 **Date Received..:** 12/01/07

% Moisture.....: 6.5

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L010140-019		
	93.5	93.5	%	0.001	(0-20)	MCAWW 160.3 MOD	12/10-12/11/07	7344456

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L070218 **Work Order #...:** KDP4G-SMP **Matrix.....:** SOLID
KDP4G-DUP
Date Sampled...: 11/29/07 13:12 **Date Received..:** 12/07/07
% Moisture.....: 34

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L070371-007		
	66.2	68.0	%	2.7	(0-20)	MCAWW 160.3 MOD	12/10-12/11/07	7344456

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021

Lot #: A7L080195

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

December 20, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7L080195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120707-CB-131 12/07/07 08:05 001				
Trivalent Chromium	17.1	0.47	mg/kg	SW846 7196A
Silver	0.077 B	0.093	mg/kg	SW846 6020
Arsenic	5.0	0.093	mg/kg	SW846 6020
Antimony	0.072 B	0.19	mg/kg	SW846 6020
Selenium	0.12 B	0.20	mg/kg	SW846 6020
Thallium	0.17	0.093	mg/kg	SW846 6020
Zinc	40.5 J	0.93	mg/kg	SW846 6020
Mercury	0.045 B	0.047	mg/kg	SW846 7471A
Aluminum	10700	18.6	mg/kg	SW846 6010B
Barium	71.2 J	0.93	mg/kg	SW846 6010B
Beryllium	0.35	0.19	mg/kg	SW846 6010B
Calcium	2810 J	465	mg/kg	SW846 6010B
Cobalt	9.1	0.47	mg/kg	SW846 6010B
Chromium	17.9	0.47	mg/kg	SW846 6010B
Copper	14.3	0.93	mg/kg	SW846 6010B
Iron	19600	9.3	mg/kg	SW846 6010B
Potassium	1060	465	mg/kg	SW846 6010B
Magnesium	2880 J	93.1	mg/kg	SW846 6010B
Manganese	427	0.93	mg/kg	SW846 6010B
Sodium	2950	93.1	mg/kg	SW846 6010B
Nickel	22.0	0.93	mg/kg	SW846 6010B
Lead	12.5	0.28	mg/kg	SW846 6010B
Vanadium	23.6	0.93	mg/kg	SW846 6010B
Acetone	12 J	16	ug/kg	SW846 8260B
2-Butanone	2.6 J	16	ug/kg	SW846 8260B
Hexavalent Chromium	0.78 B	0.93	mg/kg	SW846 7196A
Percent Solids	85.9	10.0	%	MCAWW 160.3 MOD
SO-17322-120707-CB-134 12/07/07 09:40 002				
Aroclor 1254	17 J	36	ug/kg	SW846 8082
Trivalent Chromium	5.1	0.44	mg/kg	SW846 7196A
Silver	0.052 B	0.088	mg/kg	SW846 6020
Arsenic	2.8	0.088	mg/kg	SW846 6020
Antimony	0.078 B	0.18	mg/kg	SW846 6020
Thallium	0.072 B	0.088	mg/kg	SW846 6020
Zinc	31.2 J	0.88	mg/kg	SW846 6020
Mercury	0.020 B	0.044	mg/kg	SW846 7471A
Aluminum	2370	17.5	mg/kg	SW846 6010B
Barium	16.8 J	0.88	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7L080195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120707-CB-134 12/07/07 09:40 002				
Calcium	38600 J	438	mg/kg	SW846 6010B
Cadmium	0.14	0.088	mg/kg	SW846 6010B
Cobalt	2.2	0.44	mg/kg	SW846 6010B
Chromium	5.4	0.44	mg/kg	SW846 6010B
Copper	7.4	0.88	mg/kg	SW846 6010B
Iron	5530	8.8	mg/kg	SW846 6010B
Potassium	448	438	mg/kg	SW846 6010B
Magnesium	10100 J	87.6	mg/kg	SW846 6010B
Manganese	158	0.88	mg/kg	SW846 6010B
Sodium	156	87.6	mg/kg	SW846 6010B
Nickel	5.2	0.88	mg/kg	SW846 6010B
Lead	16.9	0.26	mg/kg	SW846 6010B
Vanadium	7.6	0.88	mg/kg	SW846 6010B
Acenaphthene	23	7.3	ug/kg	SW846 8270C
Anthracene	38	7.3	ug/kg	SW846 8270C
Benzo(a)anthracene	130	7.3	ug/kg	SW846 8270C
Benzo(a)pyrene	110	7.3	ug/kg	SW846 8270C
Benzo(b)fluoranthene	170	7.3	ug/kg	SW846 8270C
Benzo(ghi)perylene	69	7.3	ug/kg	SW846 8270C
Benzo(k)fluoranthene	71	7.3	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	23 J	55	ug/kg	SW846 8270C
Chrysene	150	7.3	ug/kg	SW846 8270C
Fluoranthene	370	7.3	ug/kg	SW846 8270C
Fluorene	12	7.3	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	59	7.3	ug/kg	SW846 8270C
2-Methylnaphthalene	14	7.3	ug/kg	SW846 8270C
Naphthalene	7.4	7.3	ug/kg	SW846 8270C
Phenanthrene	160	7.3	ug/kg	SW846 8270C
Pyrene	230	7.3	ug/kg	SW846 8270C
Tetrachloroethene	1.1 J	5.0	ug/kg	SW846 8260B
Hexavalent Chromium	0.31 B	0.88	mg/kg	SW846 7196A
Cyanide, Total	0.31	0.22	mg/kg	SW846 9012A
Percent Solids	91.3	10.0	%	MCAWW 160.3 MOD
SO-17322-120707-CB-139 12/07/07 11:30 003				
Trivalent Chromium	4.9	0.47	mg/kg	SW846 7196A
Silver	0.060 B	0.094	mg/kg	SW846 6020
Arsenic	2.0	0.094	mg/kg	SW846 6020
Selenium	0.11 B	0.20	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7L080195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120707-CB-139 12/07/07 11:30 003				
Thallium	0.065 B	0.094	mg/kg	SW846 6020
Zinc	17.5 J	0.94	mg/kg	SW846 6020
Aluminum	1940	18.8	mg/kg	SW846 6010B
Barium	7.1 J	0.94	mg/kg	SW846 6010B
Calcium	51700 J	471	mg/kg	SW846 6010B
Cadmium	0.056 B	0.094	mg/kg	SW846 6010B
Cobalt	2.1	0.47	mg/kg	SW846 6010B
Chromium	5.6	0.47	mg/kg	SW846 6010B
Copper	7.8	0.94	mg/kg	SW846 6010B
Iron	5130	9.4	mg/kg	SW846 6010B
Potassium	437 B	471	mg/kg	SW846 6010B
Magnesium	12200 J	94.2	mg/kg	SW846 6010B
Manganese	154	0.94	mg/kg	SW846 6010B
Sodium	132	94.2	mg/kg	SW846 6010B
Nickel	5.2	0.94	mg/kg	SW846 6010B
Lead	2.7	0.28	mg/kg	SW846 6010B
Vanadium	7.1	0.94	mg/kg	SW846 6010B
1,1'-Biphenyl	130	59	ug/kg	SW846 8270C
Fluorene	29	7.9	ug/kg	SW846 8270C
2-Methylnaphthalene	130	7.9	ug/kg	SW846 8270C
Phenanthrene	24	7.9	ug/kg	SW846 8270C
Hexavalent Chromium	0.76 B	0.94	mg/kg	SW846 7196A
Percent Solids	84.9	10.0	%	MCAWW 160.3 MOD
SO-17322-120707-CB-141 12/07/07 14:30 004				
Trivalent Chromium	8.6	0.44	mg/kg	SW846 7196A
Silver	0.056 B	0.088	mg/kg	SW846 6020
Arsenic	3.2	0.088	mg/kg	SW846 6020
Selenium	0.54	0.19	mg/kg	SW846 6020
Thallium	0.18	0.088	mg/kg	SW846 6020
Zinc	23.8 J	0.88	mg/kg	SW846 6020
Mercury	0.019 B	0.044	mg/kg	SW846 7471A
Aluminum	4760	17.6	mg/kg	SW846 6010B
Barium	24.9 J	0.88	mg/kg	SW846 6010B
Beryllium	0.054 B	0.18	mg/kg	SW846 6010B
Calcium	87800 J	2200	mg/kg	SW846 6010B
Cadmium	0.098	0.088	mg/kg	SW846 6010B
Cobalt	5.3	0.44	mg/kg	SW846 6010B
Chromium	8.6	0.44	mg/kg	SW846 6010B
Copper	14.3	0.88	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7L080195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-120707-CB-141 12/07/07 14:30 004				
Iron	10700	8.8	mg/kg	SW846 6010B
Potassium	1210	439	mg/kg	SW846 6010B
Magnesium	12900 J	87.9	mg/kg	SW846 6010B
Manganese	288	0.88	mg/kg	SW846 6010B
Sodium	118	87.9	mg/kg	SW846 6010B
Nickel	13.7	0.88	mg/kg	SW846 6010B
Lead	5.7	0.26	mg/kg	SW846 6010B
Vanadium	12.4	0.88	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	30 J	55	ug/kg	SW846 8270C
Phenanthrene	33	7.3	ug/kg	SW846 8270C
Percent Solids	91.0	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7L080195

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7L080195

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KDRK8	001	SO-17322-120707-CB-131	12/07/07	08:05
KDRLA	002	SO-17322-120707-CB-134	12/07/07	09:40
KDRLC	003	SO-17322-120707-CB-139	12/07/07	11:30
KDRLD	004	SO-17322-120707-CB-141	12/07/07	14:30
KDRNN	005	TB-17322-120707-CB-001	12/07/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

GC/MS Volatiles

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK81AC **Matrix.....:** SO
Date Sampled...: 12/07/07 08:05 **Date Received..:** 12/08/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.68
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**12 J**	**16**	**ug/kg**	**5.0**
Benzene	ND	4.0	ug/kg	0.18
Bromodichloromethane	ND	4.0	ug/kg	0.22
Bromoform	ND	4.0	ug/kg	0.26
Bromomethane	ND	4.0	ug/kg	0.43
2-Butanone	**2.6 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	ND	4.0	ug/kg	0.35
Carbon tetrachloride	ND	4.0	ug/kg	0.29
Chlorobenzene	ND	4.0	ug/kg	0.26
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	7.9	ug/kg	1.0
Chloroethane	ND	4.0	ug/kg	0.68
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.32
Cyclohexane	ND	7.9	ug/kg	0.26
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.52
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.28
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.41
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.28
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.32
1,2-Dichloropropane	ND	4.0	ug/kg	0.55
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.43
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.50
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	7.9	ug/kg	1.1
Methylcyclohexane	ND	7.9	ug/kg	0.25
Methylene chloride	ND	4.0	ug/kg	0.53
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

GC/MS Volatiles

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK81AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.41
Toluene	ND	4.0	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.21
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.44
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.31
Trichloroethene	ND	4.0	ug/kg	0.33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.51
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.31
Xylenes (total)	ND	7.9	ug/kg	0.53
Methyl tert-butyl ether	ND	16	ug/kg	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
1,2-Dichloroethane-d4	111	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

GC/MS Volatiles

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA1AN **Matrix.....:** SO
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.91
% Moisture.....: 8.7 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

GC/MS Volatiles

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	**1.1 J**	**5.0**	**ug/kg**	**0.52**
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	81	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

GC/MS Volatiles

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC1AN **Matrix.....:** SO
Date Sampled...: 12/07/07 11:30 **Date Received..:** 12/08/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.71
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.3
Benzene	ND	4.2	ug/kg	0.19
Bromodichloromethane	ND	4.2	ug/kg	0.23
Bromoform	ND	4.2	ug/kg	0.28
Bromomethane	ND	4.2	ug/kg	0.45
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.2	ug/kg	0.37
Carbon tetrachloride	ND	4.2	ug/kg	0.31
Chlorobenzene	ND	4.2	ug/kg	0.28
Dibromochloromethane	ND	4.2	ug/kg	0.46
1,2-Dibromo-3-chloro-propane	ND	8.4	ug/kg	1.1
Chloroethane	ND	4.2	ug/kg	0.72
Chloroform	ND	4.2	ug/kg	0.24
Chloromethane	ND	4.2	ug/kg	0.34
Cyclohexane	ND	8.4	ug/kg	0.28
1,2-Dibromoethane	ND	4.2	ug/kg	0.42
1,2-Dichlorobenzene	ND	4.2	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.2	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.2	ug/kg	0.55
Dichlorodifluoromethane	ND	4.2	ug/kg	0.42
1,1-Dichloroethane	ND	4.2	ug/kg	0.30
1,2-Dichloroethane	ND	4.2	ug/kg	0.28
1,1-Dichloroethene	ND	4.2	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.2	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.2	ug/kg	0.34
1,2-Dichloropropane	ND	4.2	ug/kg	0.58
cis-1,3-Dichloropropene	ND	4.2	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.2	ug/kg	0.45
Ethylbenzene	ND	4.2	ug/kg	0.22
Trichlorofluoromethane	ND	4.2	ug/kg	0.28
2-Hexanone	ND	17	ug/kg	0.53
Isopropylbenzene	ND	4.2	ug/kg	0.13
Methyl acetate	ND	8.4	ug/kg	1.2
Methylcyclohexane	ND	8.4	ug/kg	0.26
Methylene chloride	ND	4.2	ug/kg	0.56
4-Methyl-2-pentanone	ND	17	ug/kg	0.45
Styrene	ND	4.2	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

GC/MS Volatiles

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.2	ug/kg	0.28
Tetrachloroethene	ND	4.2	ug/kg	0.43
Toluene	ND	4.2	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.2	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.2	ug/kg	0.47
1,1,2-Trichloroethane	ND	4.2	ug/kg	0.33
Trichloroethene	ND	4.2	ug/kg	0.35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.2	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.2	ug/kg	0.54
1,3,5-Trimethylbenzene	ND	4.2	ug/kg	0.21
Vinyl chloride	ND	4.2	ug/kg	0.33
Xylenes (total)	ND	8.4	ug/kg	0.56
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
Toluene-d8	79	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

GC/MS Volatiles

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD1AN **Matrix.....:** SO
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 0.74
% Moisture.....: 9.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.1
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.1	ug/kg	0.36
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.33
Cyclohexane	ND	8.1	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.33
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	ND	8.1	ug/kg	0.25
Methylene chloride	ND	4.1	ug/kg	0.54
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

GC/MS Volatiles

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.42
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	ND	8.1	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	104	(61 - 130)
Toluene-d8	70	(60 - 143)
4-Bromofluorobenzene	119	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120707-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L080195-005 **Work Order #...:** KDRNN1AA **Matrix.....:** SQ
Date Sampled...: 12/07/07 **Date Received..:** 12/08/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	ND	5.0	ug/kg	0.67
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-120707-CB-001

GC/MS Volatiles

Lot-Sample #...: A7L080195-005 **Work Order #...:** KDRNN1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK81A5 **Matrix.....:** SO
Date Sampled...: 12/07/07 08:05 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7344338
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.8	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.8	ug/kg	1.1
Benzo(a)pyrene	ND	7.8	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.8	ug/kg	1.4
Benzo(ghi)perylene	ND	7.8	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.8	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	24
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	58	ug/kg	21
4-Bromophenyl phenyl ether	ND	58	ug/kg	24
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	380	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	20
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	ND	7.8	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.8	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK81A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	24
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	ND	7.8	ug/kg	1.4
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.4
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg	1.7
Isophorone	ND	58	ug/kg	24
2-Methylnaphthalene	ND	7.8	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.8	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	95
Phenanthrene	ND	7.8	ug/kg	2.3
Phenol	ND	58	ug/kg	29
Pyrene	ND	7.8	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK81A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	48	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	72	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA1AG **Matrix.....:** SO
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7344338
Dilution Factor: 1
% Moisture.....: 8.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	28
Pyridine	ND	110	ug/kg	19
Acenaphthene	**23**	**7.3**	**ug/kg**	**1.4**
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	**38**	**7.3**	**ug/kg**	**1.4**
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	**130**	**7.3**	**ug/kg**	**1.0**
Benzo(a)pyrene	**110**	**7.3**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**170**	**7.3**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**69**	**7.3**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**71**	**7.3**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**23 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	28
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	**150**	**7.3**	**ug/kg**	**0.99**
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	**370**	**7.3**	**ug/kg**	**1.3**
Fluorene	**12**	**7.3**	**ug/kg**	**1.3**
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	28
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	**59**	**7.3**	**ug/kg**	**1.6**
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	**14**	**7.3**	**ug/kg**	**1.6**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	**7.4**	**7.3**	**ug/kg**	**1.8**
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	**160**	**7.3**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	27
Pyrene	**230**	**7.3**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	53	(26 - 110)
2,4,6-Tribromophenol	21	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC1AG **Matrix.....:** SO
Date Sampled...: 12/07/07 11:30 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7344338
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	31
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.9	ug/kg	1.5
Acenaphthylene	ND	7.9	ug/kg	1.4
Acetophenone	ND	120	ug/kg	31
Anthracene	ND	7.9	ug/kg	1.5
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	ND	7.9	ug/kg	1.1
Benzo(a)pyrene	ND	7.9	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.9	ug/kg	1.4
Benzo(ghi)perylene	ND	7.9	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.9	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	**130**	**59**	**ug/kg**	**27**
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	ND	59	ug/kg	21
4-Bromophenyl phenyl ether	ND	59	ug/kg	25
Butyl benzyl phthalate	ND	59	ug/kg	22
Caprolactam	ND	390	ug/kg	44
Carbazole	ND	59	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	59	ug/kg	26
2-Chlorophenol	ND	59	ug/kg	31
4-Chlorophenyl phenyl ether	ND	59	ug/kg	28
Chrysene	ND	7.9	ug/kg	1.1
Dibenz(a,h)anthracene	ND	7.9	ug/kg	1.5
Dibenzofuran	ND	59	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	59	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	59	ug/kg	25
Di-n-butyl phthalate	ND	59	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	98
2,4-Dinitrotoluene	ND	240	ug/kg	21
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	59	ug/kg	21
Fluoranthene	ND	7.9	ug/kg	1.4
Fluorene	**29**	**7.9**	**ug/kg**	**1.4**
Hexachlorobenzene	ND	7.9	ug/kg	2.5
Hexachlorobutadiene	ND	59	ug/kg	31
Hexachlorocyclopenta-diene	ND	390	ug/kg	19
Hexachloroethane	ND	59	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.9	ug/kg	1.8
Isophorone	ND	59	ug/kg	25
2-Methylnaphthalene	**130**	**7.9**	**ug/kg**	**1.8**
2-Methylphenol	ND	240	ug/kg	33
4-Methylphenol	ND	240	ug/kg	26
Naphthalene	ND	7.9	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	26
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	59	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propyl-amine	ND	59	ug/kg	27
N-Nitrosodiphenylamine	ND	59	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	97
Phenanthrene	**24**	**7.9**	**ug/kg**	**2.4**
Phenol	ND	59	ug/kg	29
Pyrene	ND	7.9	ug/kg	1.3
2,4,5-Trichloro-phenol	ND	180	ug/kg	29
2,4,6-Trichloro-phenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	36	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	40	(28 - 110)
2-Fluorophenol	35	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD2AG **Matrix.....:** SO
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
Prep Date.....: 12/15/07 **Analysis Date..:** 12/18/07
Prep Batch #...: 7349017
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.3	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.3	ug/kg	1.0
Benzo(a)pyrene	ND	7.3	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.3	ug/kg	1.3
Benzo(ghi)perylene	ND	7.3	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.3	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**30 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	ND	7.3	ug/kg	0.99
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD2AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.3	ug/kg	1.3
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg	1.6
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	**33**	**7.3**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	27
Pyrene	ND	7.3	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

GC/MS Semivolatiles

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD2AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
Terphenyl-d14	75	(41 - 119)
Phenol-d5	56	(28 - 110)
2-Fluorophenol	57	(26 - 110)
2,4,6-Tribromophenol	27	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

GC Semivolatiles

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK81A7 **Matrix.....:** SO
Date Sampled...: 12/07/07 08:05 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	13
Aroclor 1221	ND	38	ug/kg	15
Aroclor 1232	ND	38	ug/kg	14
Aroclor 1242	ND	38	ug/kg	16
Aroclor 1248	ND	38	ug/kg	17
Aroclor 1254	ND	38	ug/kg	10
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 196)
Decachlorobiphenyl	45	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

GC Semivolatiles

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA1AJ **Matrix.....:** SO
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1
% Moisture.....: 8.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	**17 J**	**36**	**ug/kg**	**9.6**
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	40	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

GC Semivolatiles

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC1AJ **Matrix.....:** SO
Date Sampled...: 12/07/07 11:30 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	13
Aroclor 1221	ND	39	ug/kg	15
Aroclor 1232	ND	39	ug/kg	14
Aroclor 1242	ND	39	ug/kg	16
Aroclor 1248	ND	39	ug/kg	18
Aroclor 1254	ND	39	ug/kg	10
Aroclor 1260	ND	39	ug/kg	12

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	52	(10 - 196)
Decachlorobiphenyl	54	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

GC Semivolatiles

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD1AJ **Matrix.....:** SO
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1
% Moisture.....: 9.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	12
Aroclor 1221	ND	36	ug/kg	14
Aroclor 1232	ND	36	ug/kg	13
Aroclor 1242	ND	36	ug/kg	15
Aroclor 1248	ND	36	ug/kg	16
Aroclor 1254	ND	36	ug/kg	9.7
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(10 - 196)
Decachlorobiphenyl	73	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

TOTAL Metals

Lot-Sample #...: A7L080195-001 **Matrix.....:** SO
Date Sampled...: 12/07/07 08:05 **Date Received..:** 12/08/07
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7343028						
Trivalent Chromium	**17.1**	**0.47**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**KDRK81A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7343029						
Aluminum	**10700**	**18.6**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AE**
		Dilution Factor: 1		MDL.....: 11.2		
Arsenic	**5.0**	**0.093**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRK81A0**
		Dilution Factor: 1		MDL.....: 0.072		
Barium	**71.2 J**	**0.93**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AF**
		Dilution Factor: 1		MDL.....: 0.083		
Beryllium	**0.35**	**0.19**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AG**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**2810 J**	**465**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AJ**
		Dilution Factor: 1		MDL.....: 18.6		
Cadmium	ND	0.093	mg/kg	SW846 6010B	12/10-12/11/07	KDRK81AH
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**9.1**	**0.47**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AK**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**17.9**	**0.47**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**14.3**	**0.93**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AL**
		Dilution Factor: 1		MDL.....: 0.86		
Iron	**19600**	**9.3**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AM**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.045 B**	**0.047**	**mg/kg**	**SW846 7471A**	**12/10/07**	**KDRK81AD**
		Dilution Factor: 1		MDL.....: 0.017		
Potassium	**1060**	**465**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AR**
		Dilution Factor: 1		MDL.....: 7.2		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

TOTAL Metals

Lot-Sample #...: A7L080195-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2880 J**	**93.1**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AN**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**427**	**0.93**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AP**
		Dilution Factor: 1		MDL.....: 0.086		
Sodium	**2950**	**93.1**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AT**
		Dilution Factor: 1		MDL.....: 76.8		
Nickel	**22.0**	**0.93**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AQ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**12.5**	**0.28**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.072 B**	**0.19**	**mg/kg**	**SW846 6020**	**12/10-12/11/07**	**KDRK81AX**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.12 B**	**0.20**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRK81A1**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.17**	**0.093**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRK81A3**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**23.6**	**0.93**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRK81AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**40.5 J**	**0.93**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRK81A4**
		Dilution Factor: 1		MDL.....: 0.51		
Prep Batch #...: 7346197						
Silver	**0.077 B**	**0.093**	**mg/kg**	**SW846 6020**	**12/13/07**	**KDRK82A2**
		Dilution Factor: 1		MDL.....: 0.019		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

TOTAL Metals

Lot-Sample #...: A7L080195-002 **Matrix.....:** SO
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
% Moisture.....: 8.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7343028						
Trivalent Chromium	**5.1**	**0.44**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**KDRLA1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7343029						
Aluminum	**2370**	**17.5**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1AQ**
		Dilution Factor: 1		MDL.....: 10.5		
Arsenic	**2.8**	**0.088**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLA1AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**16.8 J**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	ND	0.18	mg/kg	SW846 6010B	12/10-12/11/07	KDRLA1AT
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**38600 J**	**438**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1AV**
		Dilution Factor: 1		MDL.....: 17.5		
Cadmium	**0.14**	**0.088**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1AU**
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**2.2**	**0.44**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**5.4**	**0.44**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**7.4**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**5530**	**8.8**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.020 B**	**0.044**	**mg/kg**	**SW846 7471A**	**12/10/07**	**KDRLA1AP**
		Dilution Factor: 1		MDL.....: 0.016		
Potassium	**448**	**438**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A4**
		Dilution Factor: 1		MDL.....: 6.8		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

TOTAL Metals

Lot-Sample #...: A7L080195-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**10100 J**	**87.6**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**158**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**156**	**87.6**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A5**
		Dilution Factor: 1		MDL.....: 72.3		
Nickel	**5.2**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**16.9**	**0.26**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.078 B**	**0.18**	**mg/kg**	**SW846 6020**	**12/10-12/11/07**	**KDRLA1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	ND	0.19	mg/kg	SW846 6020	12/10/07	KDRLA1AC
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.072 B**	**0.088**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLA1AE**
		Dilution Factor: 1		MDL.....: 0.014		
Vanadium	**7.6**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLA1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**31.2 J**	**0.88**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLA1AF**
		Dilution Factor: 1		MDL.....: 0.48		
Prep Batch #...: 7346197						
Silver	**0.052 B**	**0.088**	**mg/kg**	**SW846 6020**	**12/13/07**	**KDRLA2AD**
		Dilution Factor: 1		MDL.....: 0.018		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

TOTAL Metals

Lot-Sample #...: A7L080195-003 **Matrix.....:** SO
Date Sampled...: 12/07/07 11:30 **Date Received..:** 12/08/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7343028						
Trivalent Chromium	**4.9**	**0.47**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**KDRLC1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7343029						
Aluminum	**1940**	**18.8**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1AQ**
		Dilution Factor: 1		MDL.....: 11.3		
Arsenic	**2.0**	**0.094**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLC1AA**
		Dilution Factor: 1		MDL.....: 0.073		
Barium	**7.1 J**	**0.94**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1AR**
		Dilution Factor: 1		MDL.....: 0.084		
Beryllium	ND	0.19	mg/kg	SW846 6010B	12/10-12/11/07	KDRLC1AT
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**51700 J**	**471**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1AV**
		Dilution Factor: 1		MDL.....: 18.8		
Cadmium	**0.056 B**	**0.094**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**2.1**	**0.47**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**5.6**	**0.47**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**7.8**	**0.94**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1AX**
		Dilution Factor: 1		MDL.....: 0.87		
Iron	**5130**	**9.4**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A0**
		Dilution Factor: 1		MDL.....: 5.8		
Mercury	ND	0.047	mg/kg	SW846 7471A	12/10/07	KDRLC1AP
		Dilution Factor: 1		MDL.....: 0.018		
Potassium	**437 B**	**471**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A4**
		Dilution Factor: 1		MDL.....: 7.3		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

TOTAL Metals

Lot-Sample #...: A7L080195-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**12200 J**	**94.2**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A1**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**154**	**0.94**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A2**
		Dilution Factor: 1		MDL.....: 0.087		
Sodium	**132**	**94.2**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A5**
		Dilution Factor: 1		MDL.....: 77.7		
Nickel	**5.2**	**0.94**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**2.7**	**0.28**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	ND	0.19	mg/kg	SW846 6020	12/10-12/11/07	KDRLC1A9
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.11 B**	**0.20**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLC1AC**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.065 B**	**0.094**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLC1AE**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**7.1**	**0.94**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLC1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**17.5 J**	**0.94**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLC1AF**
		Dilution Factor: 1		MDL.....: 0.52		
Prep Batch #...: 7346197						
Silver	**0.060 B**	**0.094**	**mg/kg**	**SW846 6020**	**12/13/07**	**KDRLC2AD**
		Dilution Factor: 1		MDL.....: 0.019		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

TOTAL Metals

Lot-Sample #...: A7L080195-004 **Matrix.....:** SO
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
% Moisture.....: 9.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7343028						
Trivalent Chromium	**8.6**	**0.44**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**KDRLD1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7343029						
Aluminum	**4760**	**17.6**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1AQ**
		Dilution Factor: 1		MDL.....: 10.5		
Arsenic	**3.2**	**0.088**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLD1AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**24.9 J**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	**0.054 B**	**0.18**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1AT**
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**87800 J**	**2200**	**mg/kg**	**SW846 6010B**	**12/10-12/12/07**	**KDRLD1AV**
		Dilution Factor: 5		MDL.....: 87.9		
Cadmium	**0.098**	**0.088**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**5.3**	**0.44**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**8.6**	**0.44**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**14.3**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**10700**	**8.8**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.019 B**	**0.044**	**mg/kg**	**SW846 7471A**	**12/10/07**	**KDRLD1AP**
		Dilution Factor: 1		MDL.....: 0.016		
Potassium	**1210**	**439**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A4**
		Dilution Factor: 1		MDL.....: 6.8		

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

TOTAL Metals

Lot-Sample #...: A7L080195-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**12900 J**	**87.9**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**288**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**118**	**87.9**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A5**
		Dilution Factor: 1		MDL.....: 72.5		
Nickel	**13.7**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**5.7**	**0.26**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	ND	0.18	mg/kg	SW846 6020	12/10-12/11/07	KDRLD1A9
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.54**	**0.19**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLD1AC**
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.18**	**0.088**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLD1AE**
		Dilution Factor: 1		MDL.....: 0.014		
Vanadium	**12.4**	**0.88**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRLD1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**23.8 J**	**0.88**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRLD1AF**
		Dilution Factor: 1		MDL.....: 0.48		
Prep Batch #...: 7346197						
Silver	**0.056 B**	**0.088**	**mg/kg**	**SW846 6020**	**12/13/07**	**KDRLD2AD**
		Dilution Factor: 1		MDL.....: 0.018		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-131

General Chemistry

Lot-Sample #...: A7L080195-001 **Work Order #...:** KDRK8 **Matrix.....:** SO
Date Sampled...: 12/07/07 08:05 **Date Received..:** 12/08/07
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.78 B**	**0.93**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**85.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/11-12/12/07**	**7345433**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-134

General Chemistry

Lot-Sample #...: A7L080195-002 **Work Order #...:** KDRLA **Matrix.....:** SO
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
% Moisture.....: 8.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.31**	**0.22**	**mg/kg**	**SW846 9012A**	**12/11/07**	**7345331**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.31 B**	**0.88**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/11-12/12/07**	**7345433**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-139

General Chemistry

Lot-Sample #...: A7L080195-003 **Work Order #...:** KDRLC **Matrix.....:** SO
Date Sampled...: 12/07/07 11:30 **Date Received..:** 12/08/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	12/11/07	7345332
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.76 B**	**0.94**	**mg/kg**	**SW846 7196A**	**12/10-12/11/07**	**7345435**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/11-12/12/07**	**7345433**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-120707-CB-141

General Chemistry

Lot-Sample #...: A7L080195-004 **Work Order #...:** KDRLD **Matrix.....:** SO
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	12/11/07	7345332
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.88	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**12/11-12/12/07**	**7345433**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L130000-112
Prep Date.....: 12/12/07
Analysis Date..: 12/12/07 **Prep Batch #...:** 7347112
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	**0.36 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.35 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**4.3 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.95 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	97	(61 - 130)
Toluene-d8	85	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	0.91	SW846 8260B
Benzene	**50**	**57**	**ug/kg**	**115**		**SW846 8260B**
	50	**56**	**ug/kg**	**112**	**2.0**	**SW846 8260B**
Bromodichloromethane	50	56	ug/kg	112		SW846 8260B
	50	54	ug/kg	109	2.5	SW846 8260B
Bromoform	50	46	ug/kg	91		SW846 8260B
	50	46	ug/kg	92	1.0	SW846 8260B
Bromomethane	50	70	ug/kg	140		SW846 8260B
	50	70	ug/kg	141	0.23	SW846 8260B
2-Butanone	50	46	ug/kg	93		SW846 8260B
	50	47	ug/kg	94	0.84	SW846 8260B
Carbon disulfide	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	110	1.7	SW846 8260B
Carbon tetrachloride	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.2	SW846 8260B
Chlorobenzene	**50**	**49**	**ug/kg**	**97**		**SW846 8260B**
	50	**48**	**ug/kg**	**97**	**0.90**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.13	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	51	ug/kg	101		SW846 8260B
	50	52	ug/kg	104	2.2	SW846 8260B
Chloroethane	50	50	ug/kg	99		SW846 8260B
	50	48	ug/kg	96	3.0	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.67	SW846 8260B
Chloromethane	50	38	ug/kg	77		SW846 8260B
	50	38	ug/kg	76	0.66	SW846 8260B
Cyclohexane	50	46	ug/kg	91		SW846 8260B
	50	44	ug/kg	89	2.5	SW846 8260B
1,2-Dibromoethane	50	49	ug/kg	97		SW846 8260B
	50	49	ug/kg	99	1.7	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.41	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	97	0.87	SW846 8260B
1,4-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	95	0.74	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	46	ug/kg	92		SW846 8260B
	50	46	ug/kg	91	0.94	SW846 8260B
1,1-Dichloroethane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	2.1	SW846 8260B
1,2-Dichloroethane	50	57	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.6	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**0.50**	**SW846 8260B**
cis-1,2-Dichloroethene	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	101	1.0	SW846 8260B
trans-1,2-Dichloroethene	50	51	ug/kg	101		SW846 8260B
	50	49	ug/kg	99	2.4	SW846 8260B
1,2-Dichloropropane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.45	SW846 8260B
cis-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.20	SW846 8260B
trans-1,3-Dichloropropene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	1.2	SW846 8260B
Ethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.9	SW846 8260B
Trichlorofluoromethane	50	64	ug/kg	127		SW846 8260B
	50	61	ug/kg	122	3.8	SW846 8260B
2-Hexanone	50	49	ug/kg	99		SW846 8260B
	50	52	ug/kg	103	4.6	SW846 8260B
Isopropylbenzene	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	106	3.1	SW846 8260B
Methyl acetate	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	107	2.6	SW846 8260B
Methylcyclohexane	50	48	ug/kg	97		SW846 8260B
	50	47	ug/kg	94	2.7	SW846 8260B
Methylene chloride	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.89	SW846 8260B
4-Methyl-2-pentanone	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	105	3.7	SW846 8260B
Styrene	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.7	SW846 8260B
1,1,2,2-Tetrachloroethane	50	53	ug/kg	106		SW846 8260B
	50	57	ug/kg	113	6.7	SW846 8260B
Tetrachloroethene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	95	2.8	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.5**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	95	5.4	SW846 8260B
1,1,1-Trichloroethane	50	60	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.4	SW846 8260B
1,1,2-Trichloroethane	50	48	ug/kg	96		SW846 8260B
	50	48	ug/kg	96	0.73	SW846 8260B
Trichloroethene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**48**	**ug/kg**	**95**	**2.9**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	58	ug/kg	115		SW846 8260B
	50	56	ug/kg	113	2.1	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.19	SW846 8260B
1,3,5-Trimethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.2	SW846 8260B
Vinyl chloride	50	44	ug/kg	88		SW846 8260B
	50	43	ug/kg	86	2.5	SW846 8260B
Xylenes (total)	150	150	ug/kg	101		SW846 8260B
	150	150	ug/kg	100	1.6	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	107		SW846 8260B
	50	54	ug/kg	107	0.19	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
	99	(61 - 130)
Toluene-d8	91	(60 - 143)
	89	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	107	(58 - 130)			SW846 8260B
	108	(58 - 130)	0.91	(0-30)	SW846 8260B
Benzene	**115**	**(75 - 129)**			**SW846 8260B**
	112	**(75 - 129)**	**2.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	112	(72 - 125)			SW846 8260B
	109	(72 - 125)	2.5	(0-30)	SW846 8260B
Bromoform	91	(43 - 149)			SW846 8260B
	92	(43 - 149)	1.0	(0-30)	SW846 8260B
Bromomethane	140	(24 - 152)			SW846 8260B
	141	(24 - 152)	0.23	(0-30)	SW846 8260B
2-Butanone	93	(27 - 200)			SW846 8260B
	94	(27 - 200)	0.84	(0-46)	SW846 8260B
Carbon disulfide	111	(50 - 137)			SW846 8260B
	110	(50 - 137)	1.7	(0-30)	SW846 8260B
Carbon tetrachloride	119	(57 - 137)			SW846 8260B
	116	(57 - 137)	2.2	(0-30)	SW846 8260B
Chlorobenzene	**97**	**(75 - 127)**			**SW846 8260B**
	97	**(75 - 127)**	**0.90**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	105	(49 - 135)			SW846 8260B
	105	(49 - 135)	0.13	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	101	(50 - 150)			SW846 8260B
	104	(50 - 150)	2.2	(0-30)	SW846 8260B
Chloroethane	99	(31 - 144)			SW846 8260B
	96	(31 - 144)	3.0	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.67	(0-30)	SW846 8260B
Chloromethane	77	(15 - 136)			SW846 8260B
	76	(15 - 136)	0.66	(0-30)	SW846 8260B
Cyclohexane	91	(50 - 150)			SW846 8260B
	89	(50 - 150)	2.5	(0-20)	SW846 8260B
1,2-Dibromoethane	97	(50 - 150)			SW846 8260B
	99	(50 - 150)	1.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.41	(0-30)	SW846 8260B
1,3-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.87	(0-20)	SW846 8260B
1,4-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	95	(50 - 150)	0.74	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	92	(50 - 150)			SW846 8260B
	91	(50 - 150)	0.94	(0-20)	SW846 8260B
1,1-Dichloroethane	106	(77 - 119)			SW846 8260B
	104	(77 - 119)	2.1	(0-30)	SW846 8260B
1,2-Dichloroethane	115	(78 - 121)			SW846 8260B
	113	(78 - 121)	1.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**102**	**(55 - 142)**			**SW846 8260B**
	101	**(55 - 142)**	**0.50**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	100	(77 - 114)			SW846 8260B
	101	(77 - 114)	1.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	101	(68 - 117)			SW846 8260B
	99	(68 - 117)	2.4	(0-30)	SW846 8260B
1,2-Dichloropropane	104	(78 - 116)			SW846 8260B
	104	(78 - 116)	0.45	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	104	(71 - 125)			SW846 8260B
	104	(71 - 125)	0.20	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	108	(67 - 125)			SW846 8260B
	107	(67 - 125)	1.2	(0-30)	SW846 8260B
Ethylbenzene	100	(79 - 114)			SW846 8260B
	98	(79 - 114)	1.9	(0-30)	SW846 8260B
Trichlorofluoromethane	127	(50 - 150)			SW846 8260B
	122	(50 - 150)	3.8	(0-20)	SW846 8260B
2-Hexanone	99	(29 - 200)			SW846 8260B
	103	(29 - 200)	4.6	(0-41)	SW846 8260B
Isopropylbenzene	109	(50 - 150)			SW846 8260B
	106	(50 - 150)	3.1	(0-20)	SW846 8260B
Methyl acetate	104	(50 - 150)			SW846 8260B
	107	(50 - 150)	2.6	(0-20)	SW846 8260B
Methylcyclohexane	97	(50 - 150)			SW846 8260B
	94	(50 - 150)	2.7	(0-20)	SW846 8260B
Methylene chloride	103	(58 - 130)			SW846 8260B
	102	(58 - 130)	0.89	(0-30)	SW846 8260B
4-Methyl-2-pentanone	102	(68 - 142)			SW846 8260B
	105	(68 - 142)	3.7	(0-60)	SW846 8260B
Styrene	99	(80 - 114)			SW846 8260B
	98	(80 - 114)	1.7	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	106	(70 - 133)			SW846 8260B
	113	(70 - 133)	6.7	(0-30)	SW846 8260B
Tetrachloroethene	98	(72 - 120)			SW846 8260B
	95	(72 - 120)	2.8	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**2.5**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KD2T21AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7L130000-112 KD2T21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	100	(50 - 150)			SW846 8260B
	95	(50 - 150)	5.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	119	(67 - 123)			SW846 8260B
	116	(67 - 123)	2.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	96	(82 - 116)			SW846 8260B
	96	(82 - 116)	0.73	(0-30)	SW846 8260B
Trichloroethene	**98**	**(70 - 131)**			**SW846 8260B**
	95	**(70 - 131)**	**2.9**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	115	(50 - 150)			SW846 8260B
	113	(50 - 150)	2.1	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	104	(70 - 130)	0.19	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	108	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.2	(0-30)	SW846 8260B
Vinyl chloride	88	(24 - 152)			SW846 8260B
	86	(24 - 152)	2.5	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	100	(80 - 114)	1.6	(0-30)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	107	(70 - 130)	0.19	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
	99	(61 - 130)
Toluene-d8	91	(60 - 143)
	89	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	95	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD
Date Sampled...: 11/28/07 08:30 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1 **% Moisture.....:** 9.6

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	11	55	61	ug/kg	91		SW846 8260B
	11	55	57	ug/kg	82	7.8	SW846 8260B
Benzene	**0.30**	**55**	**55**	**ug/kg**	**99**		**SW846 8260B**
	0.30	**55**	**55**	**ug/kg**	**99**	**0.01**	**SW846 8260B**
Bromodichloromethane	ND	55	52	ug/kg	94		SW846 8260B
	ND	55	52	ug/kg	95	1.2	SW846 8260B
Bromoform	ND	55	37	ug/kg	66		SW846 8260B
	ND	55	38	ug/kg	69	4.2	SW846 8260B
Bromomethane	ND	55	75	ug/kg	135		SW846 8260B
	ND	55	73	ug/kg	132	2.6	SW846 8260B
2-Butanone	1.5	55	43	ug/kg	75		SW846 8260B
	1.5	55	42	ug/kg	73	2.4	SW846 8260B
Carbon disulfide	ND	55	53	ug/kg	94		SW846 8260B
	ND	55	54	ug/kg	98	3.4	SW846 8260B
Carbon tetrachloride	ND	55	61	ug/kg	110		SW846 8260B
	ND	55	63	ug/kg	114	3.4	SW846 8260B
Chlorobenzene	**ND**	**55**	**43**	**ug/kg**	**78**		**SW846 8260B**
	ND	**55**	**42**	**ug/kg**	**76**	**2.0**	**SW846 8260B**
Dibromochloromethane	ND	55	47	ug/kg	85		SW846 8260B
	ND	55	46	ug/kg	83	1.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	55	54	ug/kg	98		SW846 8260B
	ND	55	51	ug/kg	92	6.2	SW846 8260B
Chloroethane	ND	55	53	ug/kg	96		SW846 8260B
	ND	55	54	ug/kg	97	0.74	SW846 8260B
Chloroform	ND	55	56	ug/kg	101		SW846 8260B
	ND	55	55	ug/kg	100	0.97	SW846 8260B
Chloromethane	ND	55	41	ug/kg	73		SW846 8260B
	ND	55	41	ug/kg	74	0.19	SW846 8260B
Cyclohexane	ND	55	43	ug/kg	78		SW846 8260B
	ND	55	45	ug/kg	80	2.8	SW846 8260B
1,2-Dibromoethane	ND	55	42	ug/kg	76		SW846 8260B
	ND	55	42	ug/kg	77	0.22	SW846 8260B
1,2-Dichlorobenzene	ND	55	37	ug/kg	66		SW846 8260B
	ND	55	36	ug/kg	65	1.9	SW846 8260B
1,3-Dichlorobenzene	ND	55	39	ug/kg	71		SW846 8260B
	ND	55	37	ug/kg	67	6.0	SW846 8260B
1,4-Dichlorobenzene	ND	55	37	ug/kg	68		SW846 8260B
	ND	55	36	ug/kg	65	4.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	55	49	ug/kg	89		SW846 8260B
	ND	55	50	ug/kg	90	0.64	SW846 8260B
1,1-Dichloroethane	ND	55	55	ug/kg	99		SW846 8260B
	ND	55	55	ug/kg	99	0.46	SW846 8260B
1,2-Dichloroethane	ND	55	55	ug/kg	99		SW846 8260B
	ND	55	56	ug/kg	101	1.9	SW846 8260B
1,1-Dichloroethene	**ND**	**55**	**52**	**ug/kg**	**94**		**SW846 8260B**
	ND	**55**	**53**	**ug/kg**	**96**	**1.2**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	55	50	ug/kg	90		SW846 8260B
	ND	55	49	ug/kg	89	1.1	SW846 8260B
trans-1,2-Dichloroethene	ND	55	50	ug/kg	90		SW846 8260B
	ND	55	50	ug/kg	90	0.23	SW846 8260B
1,2-Dichloropropane	ND	55	51	ug/kg	92		SW846 8260B
	ND	55	51	ug/kg	93	1.0	SW846 8260B
cis-1,3-Dichloropropene	ND	55	45	ug/kg	82		SW846 8260B
	ND	55	47	ug/kg	84	3.0	SW846 8260B
trans-1,3-Dichloropropene	ND	55	46	ug/kg	84		SW846 8260B
	ND	55	46	ug/kg	82	1.7	SW846 8260B
Ethylbenzene	ND	55	46	ug/kg	83		SW846 8260B
	ND	55	45	ug/kg	81	1.6	SW846 8260B
Trichlorofluoromethane	ND	55	67	ug/kg	121		SW846 8260B
	ND	55	68	ug/kg	122	1.2	SW846 8260B
2-Hexanone	ND	55	43	ug/kg	77		SW846 8260B
	ND	55	44	ug/kg	80	3.9	SW846 8260B
Isopropylbenzene	ND	55	49	ug/kg	88		SW846 8260B
	ND	55	48	ug/kg	86	1.8	SW846 8260B
Methyl acetate	ND	55	56	ug/kg	101		SW846 8260B
	ND	55	57	ug/kg	103	1.3	SW846 8260B
Methylcyclohexane	ND	55	43	ug/kg	78		SW846 8260B
	ND	55	45	ug/kg	81	3.7	SW846 8260B
Methylene chloride	12	55	61	ug/kg	88		SW846 8260B
	12	55	62	ug/kg	92	2.9	SW846 8260B
4-Methyl-2-pentanone	ND	55	48	ug/kg	87		SW846 8260B
	ND	55	48	ug/kg	87	0.43	SW846 8260B
Styrene	ND	55	40	ug/kg	73		SW846 8260B
	ND	55	40	ug/kg	73	0.17	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	55	57	ug/kg	103		SW846 8260B
	ND	55	52	ug/kg	95	8.0	SW846 8260B
Tetrachloroethene	14	55	61	ug/kg	85		SW846 8260B
	14	55	54	ug/kg	72	13	SW846 8260B
Toluene	**130**	**55**	**240**	**ug/kg**	**209 a**		**SW846 8260B**
	130	**55**	**170**	**ug/kg**	**71 p**	**38**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	0.62	55	25	ug/kg	45 a		SW846 8260B
	0.62	55	28	ug/kg	49 a	9.7	SW846 8260B
1,1,1-Trichloroethane	ND	55	62	ug/kg	112		SW846 8260B
	ND	55	63	ug/kg	114	1.3	SW846 8260B
1,1,2-Trichloroethane	ND	55	46	ug/kg	84		SW846 8260B
	ND	55	45	ug/kg	81	3.4	SW846 8260B
Trichloroethene	**7.9**	**55**	**58**	**ug/kg**	**91**		**SW846 8260B**
	7.9	**55**	**54**	**ug/kg**	**84**	**7.0**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	55	60	ug/kg	108		SW846 8260B
	ND	55	60	ug/kg	109	0.54	SW846 8260B
1,2,4-Trimethylbenzene	ND	55	50	ug/kg	90		SW846 8260B
	ND	55	46	ug/kg	83	8.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	55	54	ug/kg	97		SW846 8260B
	ND	55	49	ug/kg	88	9.8	SW846 8260B
Vinyl chloride	ND	55	46	ug/kg	83		SW846 8260B
	ND	55	46	ug/kg	84	1.0	SW846 8260B
Xylenes (total)	ND	170	140	ug/kg	83		SW846 8260B
	ND	170	130	ug/kg	81	2.4	SW846 8260B
Methyl tert-butyl ether	ND	55	53	ug/kg	97		SW846 8260B
	ND	55	55	ug/kg	99	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	98	(61 - 130)
Toluene-d8	87	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD
Date Sampled...: 11/28/07 08:30 **Date Received..:** 12/07/07
Prep Date.....: 12/12/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7347112
Dilution Factor: 1 **% Moisture.....:** 9.6

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	91	(10 - 200)			SW846 8260B
	82	(10 - 200)	7.8	(0-66)	SW846 8260B
Benzene	**99**	**(55 - 138)**			**SW846 8260B**
	99	**(55 - 138)**	**0.01**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	94	(47 - 131)			SW846 8260B
	95	(47 - 131)	1.2	(0-51)	SW846 8260B
Bromoform	66	(26 - 141)			SW846 8260B
	69	(26 - 141)	4.2	(0-64)	SW846 8260B
Bromomethane	135	(15 - 152)			SW846 8260B
	132	(15 - 152)	2.6	(0-72)	SW846 8260B
2-Butanone	75	(21 - 195)			SW846 8260B
	73	(21 - 195)	2.4	(0-60)	SW846 8260B
Carbon disulfide	94	(27 - 149)			SW846 8260B
	98	(27 - 149)	3.4	(0-73)	SW846 8260B
Carbon tetrachloride	110	(32 - 143)			SW846 8260B
	114	(32 - 143)	3.4	(0-68)	SW846 8260B
Chlorobenzene	**78**	**(49 - 139)**			**SW846 8260B**
	76	**(49 - 139)**	**2.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	85	(44 - 135)			SW846 8260B
	83	(44 - 135)	1.3	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	98	(50 - 150)			SW846 8260B
	92	(50 - 150)	6.2	(0-20)	SW846 8260B
Chloroethane	96	(32 - 140)			SW846 8260B
	97	(32 - 140)	0.74	(0-66)	SW846 8260B
Chloroform	101	(59 - 128)			SW846 8260B
	100	(59 - 128)	0.97	(0-46)	SW846 8260B
Chloromethane	73	(28 - 130)			SW846 8260B
	74	(28 - 130)	0.19	(0-81)	SW846 8260B
Cyclohexane	78	(50 - 150)			SW846 8260B
	80	(50 - 150)	2.8	(0-20)	SW846 8260B
1,2-Dibromoethane	76	(50 - 150)			SW846 8260B
	77	(50 - 150)	0.22	(0-20)	SW846 8260B
1,2-Dichlorobenzene	66	(50 - 150)			SW846 8260B
	65	(50 - 150)	1.9	(0-20)	SW846 8260B
1,3-Dichlorobenzene	71	(50 - 150)			SW846 8260B
	67	(50 - 150)	6.0	(0-20)	SW846 8260B
1,4-Dichlorobenzene	68	(50 - 150)			SW846 8260B
	65	(50 - 150)	4.6	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	89	(50 - 150)			SW846 8260B
	90	(50 - 150)	0.64	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(56 - 130)			SW846 8260B
	99	(56 - 130)	0.46	(0-54)	SW846 8260B
1,2-Dichloroethane	99	(56 - 126)			SW846 8260B
	101	(56 - 126)	1.9	(0-38)	SW846 8260B
1,1-Dichloroethene	**94**	**(43 - 147)**			**SW846 8260B**
	96	**(43 - 147)**	**1.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	90	(48 - 127)			SW846 8260B
	89	(48 - 127)	1.1	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	90	(47 - 127)			SW846 8260B
	90	(47 - 127)	0.23	(0-58)	SW846 8260B
1,2-Dichloropropane	92	(54 - 125)			SW846 8260B
	93	(54 - 125)	1.0	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	82	(30 - 138)			SW846 8260B
	84	(30 - 138)	3.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	84	(34 - 134)			SW846 8260B
	82	(34 - 134)	1.7	(0-57)	SW846 8260B
Ethylbenzene	83	(36 - 133)			SW846 8260B
	81	(36 - 133)	1.6	(0-72)	SW846 8260B
Trichlorofluoromethane	121	(50 - 150)			SW846 8260B
	122	(50 - 150)	1.2	(0-20)	SW846 8260B
2-Hexanone	77	(20 - 190)			SW846 8260B
	80	(20 - 190)	3.9	(0-70)	SW846 8260B
Isopropylbenzene	88	(50 - 150)			SW846 8260B
	86	(50 - 150)	1.8	(0-20)	SW846 8260B
Methyl acetate	101	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.3	(0-20)	SW846 8260B
Methylcyclohexane	78	(50 - 150)			SW846 8260B
	81	(50 - 150)	3.7	(0-20)	SW846 8260B
Methylene chloride	88	(45 - 129)			SW846 8260B
	92	(45 - 129)	2.9	(0-49)	SW846 8260B
4-Methyl-2-pentanone	87	(42 - 143)			SW846 8260B
	87	(42 - 143)	0.43	(0-60)	SW846 8260B
Styrene	73	(23 - 136)			SW846 8260B
	73	(23 - 136)	0.17	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	103	(33 - 162)			SW846 8260B
	95	(33 - 162)	8.0	(0-90)	SW846 8260B
Tetrachloroethene	85	(31 - 137)			SW846 8260B
	72	(31 - 137)	13	(0-81)	SW846 8260B
Toluene	**209 a**	**(46 - 147)**			**SW846 8260B**
	71 p	**(46 - 147)**	**38**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7L080195 **Work Order #...:** KDXDR1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L110285-002 KDXDR1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	45 a	(50 - 150)			SW846 8260B
	49 a	(50 - 150)	9.7	(0-20)	SW846 8260B
1,1,1-Trichloroethane	112	(48 - 132)			SW846 8260B
	114	(48 - 132)	1.3	(0-57)	SW846 8260B
1,1,2-Trichloroethane	84	(58 - 128)			SW846 8260B
	81	(58 - 128)	3.4	(0-52)	SW846 8260B
Trichloroethene	**91**	**(46 - 143)**			**SW846 8260B**
	84	**(46 - 143)**	**7.0**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	108	(50 - 150)			SW846 8260B
	109	(50 - 150)	0.54	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	83	(70 - 130)	8.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	88	(70 - 130)	9.8	(0-30)	SW846 8260B
Vinyl chloride	83	(30 - 136)			SW846 8260B
	84	(30 - 136)	1.0	(0-80)	SW846 8260B
Xylenes (total)	83	(33 - 135)			SW846 8260B
	81	(33 - 135)	2.4	(0-78)	SW846 8260B
Methyl tert-butyl ether	97	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	98	(61 - 130)
Toluene-d8	87	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L100000-338

Prep Date.....: 12/10/07
Analysis Date..: 12/12/07 **Prep Batch #...:** 7344338
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Pyridine	ND	100	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(24 - 112)
2-Fluorobiphenyl	83	(34 - 110)
Terphenyl-d14	99	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	85	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AA **Matrix.....:** SOLID

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L150000-017
Prep Date.....: 12/15/07
Analysis Date..: 12/18/07 **Prep Batch #...:** 7349017
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
2-Fluorobiphenyl	62	(34 - 110)
Terphenyl-d14	91	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	17	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-338
Prep Date.....: 12/10/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7344338
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	700	ug/kg	104	SW846 8270C
Pyridine	670	270	ug/kg	41	SW846 8270C
Acenaphthene	**670**	**440**	**ug/kg**	**67**	**SW846 8270C**
Acenaphthylene	670	450	ug/kg	67	SW846 8270C
Acetophenone	670	410	ug/kg	61	SW846 8270C
Anthracene	670	490	ug/kg	73	SW846 8270C
Atrazine	670	590	ug/kg	88	SW846 8270C
Benzo(a)anthracene	670	450	ug/kg	67	SW846 8270C
Benzo(a)pyrene	670	440	ug/kg	66	SW846 8270C
Benzo(b)fluoranthene	670	440	ug/kg	66	SW846 8270C
Benzo(ghi)perylene	670	470	ug/kg	71	SW846 8270C
Benzo(k)fluoranthene	670	510	ug/kg	77	SW846 8270C
Benzaldehyde	670	440	ug/kg	66	SW846 8270C
1,1'-Biphenyl	670	440	ug/kg	66	SW846 8270C
bis(2-Chloroethoxy) methane	670	380	ug/kg	57	SW846 8270C
bis(2-Chloroethyl)- ether	670	370	ug/kg	55	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	440	ug/kg	66	SW846 8270C
4-Bromophenyl phenyl ether	670	530	ug/kg	79	SW846 8270C
Butyl benzyl phthalate	670	420	ug/kg	63	SW846 8270C
Caprolactam	670	470	ug/kg	70	SW846 8270C
Carbazole	670	500	ug/kg	75	SW846 8270C
4-Chloroaniline	670	260	ug/kg	38	SW846 8270C
4-Chloro-3-methylphenol	**670**	**380**	**ug/kg**	**56**	**SW846 8270C**
2-Chloronaphthalene	670	460	ug/kg	69	SW846 8270C
2-Chlorophenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	490	ug/kg	74	SW846 8270C
Chrysene	670	480	ug/kg	72	SW846 8270C
Dibenz(a,h)anthracene	670	510	ug/kg	77	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-338

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	450	ug/kg	68	SW846 8270C
3,3'-Dichlorobenzidine	670	200 a	ug/kg	30	SW846 8270C
2,4-Dichlorophenol	670	420	ug/kg	64	SW846 8270C
Diethyl phthalate	670	480	ug/kg	71	SW846 8270C
2,4-Dimethylphenol	670	350	ug/kg	52	SW846 8270C
Dimethyl phthalate	670	470	ug/kg	70	SW846 8270C
Di-n-butyl phthalate	670	530	ug/kg	79	SW846 8270C
4,6-Dinitro-2-methylphenol	670	410	ug/kg	62	SW846 8270C
2,4-Dinitrophenol	670	300	ug/kg	45	SW846 8270C
2,4-Dinitrotoluene	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
2,6-Dinitrotoluene	670	500	ug/kg	75	SW846 8270C
Di-n-octyl phthalate	670	440	ug/kg	67	SW846 8270C
Fluoranthene	670	520	ug/kg	79	SW846 8270C
Fluorene	670	470	ug/kg	70	SW846 8270C
Hexachlorobenzene	670	500	ug/kg	75	SW846 8270C
Hexachlorobutadiene	670	460	ug/kg	69	SW846 8270C
Hexachlorocyclopenta-diene	670	380	ug/kg	57	SW846 8270C
Hexachloroethane	670	430	ug/kg	65	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	490	ug/kg	74	SW846 8270C
Isophorone	670	440	ug/kg	66	SW846 8270C
2-Methylnaphthalene	670	500	ug/kg	75	SW846 8270C
2-Methylphenol	670	400	ug/kg	59	SW846 8270C
4-Methylphenol	1300	780	ug/kg	59	SW846 8270C
Naphthalene	670	450	ug/kg	68	SW846 8270C
2-Nitroaniline	670	510	ug/kg	76	SW846 8270C
3-Nitroaniline	670	390	ug/kg	58	SW846 8270C
4-Nitroaniline	670	500	ug/kg	75	SW846 8270C
Nitrobenzene	670	440	ug/kg	66	SW846 8270C
2-Nitrophenol	670	440	ug/kg	65	SW846 8270C
4-Nitrophenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**470**	**ug/kg**	**71**	**SW846 8270C**
N-Nitrosodiphenylamine	670	490	ug/kg	74	SW846 8270C
Pentachlorophenol	**670**	**280**	**ug/kg**	**42**	**SW846 8270C**
Phenanthrene	670	460	ug/kg	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-338

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**350**	**ug/kg**	**53**	**SW846 8270C**
Pyrene	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	420	ug/kg	62	SW846 8270C
2,4,6-Trichloro-phenol	670	380	ug/kg	57	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	69	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	61	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-338
Prep Date.....: 12/10/07 **Analysis Date..:** 12/12/07
Prep Batch #...: 7344338
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	104	(36 - 116)	SW846 8270C
Pyridine	41	(22 - 110)	SW846 8270C
Acenaphthene	**67**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	67	(47 - 110)	SW846 8270C
Acetophenone	61	(50 - 130)	SW846 8270C
Anthracene	73	(56 - 111)	SW846 8270C
Atrazine	88	(50 - 130)	SW846 8270C
Benzo(a)anthracene	67	(58 - 111)	SW846 8270C
Benzo(a)pyrene	66	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	66	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	71	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	77	(38 - 122)	SW846 8270C
Benzaldehyde	66	(10 - 130)	SW846 8270C
1,1'-Biphenyl	66	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	57	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	55	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	66	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	79	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	63	(57 - 121)	SW846 8270C
Caprolactam	70	(50 - 130)	SW846 8270C
Carbazole	75	(56 - 115)	SW846 8270C
4-Chloroaniline	38	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**56**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	69	(46 - 110)	SW846 8270C
2-Chlorophenol	**64**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	74	(53 - 110)	SW846 8270C
Chrysene	72	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	77	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-338

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	68	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	30 a	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	64	(40 - 110)	SW846 8270C
Diethyl phthalate	71	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	52	(28 - 110)	SW846 8270C
Dimethyl phthalate	70	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	79	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	62	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	45	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**78**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	75	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	67	(45 - 123)	SW846 8270C
Fluoranthene	79	(55 - 118)	SW846 8270C
Fluorene	70	(51 - 110)	SW846 8270C
Hexachlorobenzene	75	(51 - 110)	SW846 8270C
Hexachlorobutadiene	69	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	57	(10 - 110)	SW846 8270C
Hexachloroethane	65	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	74	(45 - 121)	SW846 8270C
Isophorone	66	(46 - 117)	SW846 8270C
2-Methylnaphthalene	75	(46 - 110)	SW846 8270C
2-Methylphenol	59	(36 - 110)	SW846 8270C
4-Methylphenol	59	(40 - 110)	SW846 8270C
Naphthalene	68	(42 - 110)	SW846 8270C
2-Nitroaniline	76	(47 - 124)	SW846 8270C
3-Nitroaniline	58	(44 - 110)	SW846 8270C
4-Nitroaniline	75	(50 - 110)	SW846 8270C
Nitrobenzene	66	(40 - 110)	SW846 8270C
2-Nitrophenol	65	(35 - 110)	SW846 8270C
4-Nitrophenol	**64**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**71**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	74	(54 - 112)	SW846 8270C
Pentachlorophenol	**42**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	69	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDTXV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-338

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**53**	**(39 - 110)**	**SW846 8270C**
Pyrene	**64**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	62	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	57	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(24 - 112)
2-Fluorobiphenyl	69	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	61	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-017
Prep Date.....: 12/15/07 **Analysis Date..:** 12/18/07
Prep Batch #...: 7349017
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	390	ug/kg	58	SW846 8270C
Pyridine	670	230	ug/kg	34	SW846 8270C
Acenaphthene	**670**	**360**	**ug/kg**	**54**	**SW846 8270C**
Acenaphthylene	670	350	ug/kg	52	SW846 8270C
Acetophenone	670	400	ug/kg	60	SW846 8270C
Anthracene	670	420	ug/kg	63	SW846 8270C
Atrazine	670	480	ug/kg	71	SW846 8270C
Benzo(a)anthracene	670	400	ug/kg	61	SW846 8270C
Benzo(a)pyrene	670	390	ug/kg	58	SW846 8270C
Benzo(b)fluoranthene	670	410	ug/kg	61	SW846 8270C
Benzo(ghi)perylene	670	420	ug/kg	64	SW846 8270C
Benzo(k)fluoranthene	670	450	ug/kg	67	SW846 8270C
Benzaldehyde	670	430	ug/kg	65	SW846 8270C
1,1'-Biphenyl	670	330	ug/kg	50	SW846 8270C
bis(2-Chloroethoxy) methane	670	380	ug/kg	56	SW846 8270C
bis(2-Chloroethyl)- ether	670	370	ug/kg	55	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	430	ug/kg	64	SW846 8270C
4-Bromophenyl phenyl ether	670	390	ug/kg	58	SW846 8270C
Butyl benzyl phthalate	670	420	ug/kg	63	SW846 8270C
Caprolactam	670	410	ug/kg	62	SW846 8270C
Carbazole	670	440	ug/kg	66	SW846 8270C
4-Chloroaniline	670	280	ug/kg	42	SW846 8270C
4-Chloro-3-methylphenol	**670**	**350**	**ug/kg**	**53**	**SW846 8270C**
2-Chloronaphthalene	670	340	ug/kg	51	SW846 8270C
2-Chlorophenol	**670**	**330**	**ug/kg**	**49**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	390	ug/kg	59	SW846 8270C
Chrysene	670	420	ug/kg	64	SW846 8270C
Dibenz(a,h)anthracene	670	430	ug/kg	64	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-017

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	370	ug/kg	56	SW846 8270C
3,3'-Dichlorobenzidine	670	220	ug/kg	33	SW846 8270C
2,4-Dichlorophenol	670	320	ug/kg	49	SW846 8270C
Diethyl phthalate	670	420	ug/kg	63	SW846 8270C
2,4-Dimethylphenol	670	250	ug/kg	38	SW846 8270C
Dimethyl phthalate	670	400	ug/kg	60	SW846 8270C
Di-n-butyl phthalate	670	430	ug/kg	65	SW846 8270C
4,6-Dinitro-2-methylphenol	670	320	ug/kg	48	SW846 8270C
2,4-Dinitrophenol	670	260	ug/kg	39	SW846 8270C
2,4-Dinitrotoluene	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
2,6-Dinitrotoluene	670	420	ug/kg	63	SW846 8270C
Di-n-octyl phthalate	670	420	ug/kg	64	SW846 8270C
Fluoranthene	670	440	ug/kg	65	SW846 8270C
Fluorene	670	390	ug/kg	59	SW846 8270C
Hexachlorobenzene	670	410	ug/kg	62	SW846 8270C
Hexachlorobutadiene	670	380	ug/kg	56	SW846 8270C
Hexachlorocyclopenta-diene	670	300	ug/kg	45	SW846 8270C
Hexachloroethane	670	370	ug/kg	55	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	430	ug/kg	64	SW846 8270C
Isophorone	670	400	ug/kg	60	SW846 8270C
2-Methylnaphthalene	670	410	ug/kg	61	SW846 8270C
2-Methylphenol	670	340	ug/kg	51	SW846 8270C
4-Methylphenol	1300	680	ug/kg	51	SW846 8270C
Naphthalene	670	350	ug/kg	52	SW846 8270C
2-Nitroaniline	670	370	ug/kg	56	SW846 8270C
3-Nitroaniline	670	340	ug/kg	51	SW846 8270C
4-Nitroaniline	670	440	ug/kg	65	SW846 8270C
Nitrobenzene	670	370	ug/kg	55	SW846 8270C
2-Nitrophenol	670	320	ug/kg	48	SW846 8270C
4-Nitrophenol	**670**	**280**	**ug/kg**	**42**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**360**	**ug/kg**	**55**	**SW846 8270C**
N-Nitrosodiphenylamine	670	390	ug/kg	58	SW846 8270C
Pentachlorophenol	**670**	**290**	**ug/kg**	**43**	**SW846 8270C**
Phenanthrene	670	410	ug/kg	61	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-017

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**360**	**ug/kg**	**54**	**SW846 8270C**
Pyrene	**670**	**410**	**ug/kg**	**62**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	240 a	ug/kg	37	SW846 8270C
2,4,6-Trichloro-phenol	670	150 a	ug/kg	23	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	50	(34 - 110)
Terphenyl-d14	71	(41 - 119)
Phenol-d5	53	(28 - 110)
2-Fluorophenol	56	(26 - 110)
2,4,6-Tribromophenol	23	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-017
Prep Date.....: 12/15/07 **Analysis Date..:** 12/18/07
Prep Batch #...: 7349017
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	58	(36 - 116)	SW846 8270C
Pyridine	34	(22 - 110)	SW846 8270C
Acenaphthene	**54**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	52	(47 - 110)	SW846 8270C
Acetophenone	60	(50 - 130)	SW846 8270C
Anthracene	63	(56 - 111)	SW846 8270C
Atrazine	71	(50 - 130)	SW846 8270C
Benzo(a)anthracene	61	(58 - 111)	SW846 8270C
Benzo(a)pyrene	58	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	61	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	64	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	67	(38 - 122)	SW846 8270C
Benzaldehyde	65	(10 - 130)	SW846 8270C
1,1'-Biphenyl	50	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	56	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	55	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	64	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	58	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	63	(57 - 121)	SW846 8270C
Caprolactam	62	(50 - 130)	SW846 8270C
Carbazole	66	(56 - 115)	SW846 8270C
4-Chloroaniline	42	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**53**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	51	(46 - 110)	SW846 8270C
2-Chlorophenol	**49**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	59	(53 - 110)	SW846 8270C
Chrysene	64	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	64	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-017

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	56	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	33	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	49	(40 - 110)	SW846 8270C
Diethyl phthalate	63	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	38	(28 - 110)	SW846 8270C
Dimethyl phthalate	60	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	65	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	48	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	39	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**66**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	63	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	64	(45 - 123)	SW846 8270C
Fluoranthene	65	(55 - 118)	SW846 8270C
Fluorene	59	(51 - 110)	SW846 8270C
Hexachlorobenzene	62	(51 - 110)	SW846 8270C
Hexachlorobutadiene	56	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	45	(10 - 110)	SW846 8270C
Hexachloroethane	55	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	64	(45 - 121)	SW846 8270C
Isophorone	60	(46 - 117)	SW846 8270C
2-Methylnaphthalene	61	(46 - 110)	SW846 8270C
2-Methylphenol	51	(36 - 110)	SW846 8270C
4-Methylphenol	51	(40 - 110)	SW846 8270C
Naphthalene	52	(42 - 110)	SW846 8270C
2-Nitroaniline	56	(47 - 124)	SW846 8270C
3-Nitroaniline	51	(44 - 110)	SW846 8270C
4-Nitroaniline	65	(50 - 110)	SW846 8270C
Nitrobenzene	55	(40 - 110)	SW846 8270C
2-Nitrophenol	48	(35 - 110)	SW846 8270C
4-Nitrophenol	**42**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**55**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	58	(54 - 112)	SW846 8270C
Pentachlorophenol	**43**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	61	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KD8P71AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L150000-017

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**54**	**(39 - 110)**	**SW846 8270C**
Pyrene	**62**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	37 a	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	23 a	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	50	(34 - 110)
Terphenyl-d14	71	(41 - 119)
Phenol-d5	53	(28 - 110)
2-Fluorophenol	56	(26 - 110)
2,4,6-Tribromophenol	23	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD
Date Sampled...: 12/07/07 10:05 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344338
Dilution Factor: 1 **% Moisture.....:** 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	670	610	ug/kg	91		SW846 8270C
	ND	670	640	ug/kg	97	5.4	SW846 8270C
Pyridine	ND	670	210	ug/kg	32		SW846 8270C
	ND	670	190	ug/kg	29	9.5	SW846 8270C
Acenaphthene	**ND**	**670**	**530**	**ug/kg**	**79**		**SW846 8270C**
	ND	**670**	**510**	**ug/kg**	**76**	**3.7**	**SW846 8270C**
Acenaphthylene	ND	670	490	ug/kg	73		SW846 8270C
	ND	670	490	ug/kg	73	0.16	SW846 8270C
Acetophenone	ND	670	390	ug/kg	58		SW846 8270C
	ND	670	390	ug/kg	58	0.69	SW846 8270C
Anthracene	44	670	720	ug/kg	101		SW846 8270C
	44	670	590	ug/kg	82	19	SW846 8270C
Atrazine	ND	670	610	ug/kg	91		SW846 8270C
	ND	670	610	ug/kg	92	0.88	SW846 8270C
Benzo(a)anthracene	120	670	810	ug/kg	103		SW846 8270C
	120	670	740	ug/kg	94	8.2	SW846 8270C
Benzo(a)pyrene	140	670	740	ug/kg	91		SW846 8270C
	140	670	820	ug/kg	103	10	SW846 8270C
Benzo(b)fluoranthene	160	670	780	ug/kg	93		SW846 8270C
	160	670	760	ug/kg	90	2.8	SW846 8270C
Benzo(ghi)perylene	180	670	770	ug/kg	88		SW846 8270C
	180	670	690	ug/kg	77	10	SW846 8270C
Benzo(k)fluoranthene	52	670	720	ug/kg	101		SW846 8270C
	52	670	660	ug/kg	92	8.6	SW846 8270C
Benzaldehyde	ND	670	360	ug/kg	54		SW846 8270C
	ND	670	400	ug/kg	60	9.9	SW846 8270C
1,1'-Biphenyl	ND	670	450	ug/kg	67		SW846 8270C
	ND	670	480	ug/kg	71	6.3	SW846 8270C
bis(2-Chloroethoxy) methane	ND	670	360	ug/kg	54		SW846 8270C
	ND	670	350	ug/kg	52	3.7	SW846 8270C
bis(2-Chloroethyl)-ether	ND	670	380	ug/kg	57		SW846 8270C
	ND	670	390	ug/kg	59	3.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	26	670	530	ug/kg	76		SW846 8270C
	26	670	530	ug/kg	76	0.83	SW846 8270C
4-Bromophenyl phenyl ether	ND	670	570	ug/kg	86		SW846 8270C
	ND	670	610	ug/kg	91	5.6	SW846 8270C
Butyl benzyl phthalate	ND	670	450	ug/kg	68		SW846 8270C
	ND	670	470	ug/kg	71	3.8	SW846 8270C
Caprolactam	ND	670	520	ug/kg	78		SW846 8270C
	ND	670	430	ug/kg	65	18	SW846 8270C
Carbazole	20	670	610	ug/kg	89		SW846 8270C
	20	670	560	ug/kg	80	9.4	SW846 8270C
4-Chloroaniline	ND	670	370	ug/kg	55		SW846 8270C
	ND	670	330	ug/kg	49	11	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**670**	**480**	**ug/kg**	**72**		**SW846 8270C**
	ND	**670**	**430**	**ug/kg**	**65**	**10**	**SW846 8270C**
2-Chloronaphthalene	ND	670	480	ug/kg	72		SW846 8270C
	ND	670	480	ug/kg	72	0.74	SW846 8270C
2-Chlorophenol	**ND**	**670**	**420**	**ug/kg**	**62**		**SW846 8270C**
	ND	**670**	**410**	**ug/kg**	**61**	**1.8**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	670	520	ug/kg	77		SW846 8270C
	ND	670	570	ug/kg	86	10	SW846 8270C
Chrysene	180	670	830	ug/kg	98		SW846 8270C
	180	670	820	ug/kg	97	0.99	SW846 8270C
Dibenz(a,h)anthracene	54	670	630	ug/kg	86		SW846 8270C
	54	670	690	ug/kg	95	9.0	SW846 8270C
Dibenzofuran	ND	670	520	ug/kg	78		SW846 8270C
	ND	670	500	ug/kg	75	4.1	SW846 8270C
3,3'-Dichlorobenzidine	ND	670	250	ug/kg	38		SW846 8270C
	ND	670	260	ug/kg	38	0.31	SW846 8270C
2,4-Dichlorophenol	ND	670	460	ug/kg	69		SW846 8270C
	ND	670	470	ug/kg	70	1.1	SW846 8270C
Diethyl phthalate	ND	670	540	ug/kg	80		SW846 8270C
	ND	670	540	ug/kg	81	0.97	SW846 8270C
2,4-Dimethylphenol	ND	670	370	ug/kg	56		SW846 8270C
	ND	670	380	ug/kg	57	1.7	SW846 8270C
Dimethyl phthalate	ND	670	510	ug/kg	77		SW846 8270C
	ND	670	530	ug/kg	79	3.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	670	570	ug/kg	86		SW846 8270C
	ND	670	620	ug/kg	93	7.6	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	670	140	ug/kg	21		SW846 8270C
	ND	670	69	ug/kg	10 p	68	SW846 8270C
2,4-Dinitrophenol	ND	670	92	ug/kg	14		SW846 8270C
	ND	670		ug/kg	8.9	43	SW846 8270C
	Qualifiers: a,p						
2,4-Dinitrotoluene	**ND**	**670**	**540**	**ug/kg**	**80**		**SW846 8270C**
	ND	**670**	**530**	**ug/kg**	**79**	**1.4**	**SW846 8270C**
2,6-Dinitrotoluene	ND	670	540	ug/kg	80		SW846 8270C
	ND	670	540	ug/kg	81	0.52	SW846 8270C
Di-n-octyl phthalate	ND	670	490	ug/kg	74		SW846 8270C
	ND	670	630	ug/kg	95	25	SW846 8270C
Fluoranthene	270	670	1500	ug/kg	177		SW846 8270C
	270	670	930	ug/kg	100 p	43	SW846 8270C
Fluorene	18	670	580	ug/kg	84		SW846 8270C
	18	670	560	ug/kg	81	3.6	SW846 8270C
Hexachlorobenzene	ND	670	530	ug/kg	79		SW846 8270C
	ND	670	520	ug/kg	79	0.73	SW846 8270C
Hexachlorobutadiene	ND	670	400	ug/kg	61		SW846 8270C
	ND	670	420	ug/kg	63	3.4	SW846 8270C
Hexachlorocyclopenta-diene	ND	670	0.0	ug/kg	0.0 a		SW846 8270C
	ND	670	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachloroethane	ND	670	310	ug/kg	47		SW846 8270C
	ND	670	270	ug/kg	40	16	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	670	660	ug/kg	87		SW846 8270C
	86	670	640	ug/kg	84	3.3	SW846 8270C
Isophorone	ND	670	440	ug/kg	67		SW846 8270C
	ND	670	440	ug/kg	66	1.6	SW846 8270C
2-Methylnaphthalene	100	670	570	ug/kg	71		SW846 8270C
	100	670	570	ug/kg	71	0.62	SW846 8270C
2-Methylphenol	ND	670	370	ug/kg	56		SW846 8270C
	ND	670	380	ug/kg	58	2.6	SW846 8270C
4-Methylphenol	ND	1300	800	ug/kg	60		SW846 8270C
	ND	1300	790	ug/kg	59	2.2	SW846 8270C
Naphthalene	25	670	430	ug/kg	61		SW846 8270C
	25	670	420	ug/kg	60	2.0	SW846 8270C
2-Nitroaniline	ND	670	620	ug/kg	93		SW846 8270C
	ND	670	610	ug/kg	92	1.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	670	510	ug/kg	77		SW846 8270C
	ND	670	520	ug/kg	77	0.71	SW846 8270C
4-Nitroaniline	ND	670	560	ug/kg	84		SW846 8270C
	ND	670	570	ug/kg	86	2.3	SW846 8270C
Nitrobenzene	ND	670	410	ug/kg	61		SW846 8270C
	ND	670	390	ug/kg	59	3.8	SW846 8270C
2-Nitrophenol	ND	670	360	ug/kg	55		SW846 8270C
	ND	670	370	ug/kg	56	1.5	SW846 8270C
4-Nitrophenol	**ND**	**670**	**520**	**ug/kg**	**78**		**SW846 8270C**
	ND	**670**	**480**	**ug/kg**	**72**	**8.3**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**670**	**450**	**ug/kg**	**67**		**SW846 8270C**
	ND	**670**	**450**	**ug/kg**	**67**	**0.55**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	670	550	ug/kg	82		SW846 8270C
	ND	670	560	ug/kg	85	2.6	SW846 8270C
Pentachlorophenol	**ND**	**670**	**340**	**ug/kg**	**51**		**SW846 8270C**
	ND	**670**	**330**	**ug/kg**	**50**	**1.8**	**SW846 8270C**
Phenanthrene	170	670	1100	ug/kg	139		SW846 8270C
	170	670	730	ug/kg	84 p	41	SW846 8270C
Phenol	**ND**	**670**	**370**	**ug/kg**	**55**		**SW846 8270C**
	ND	**670**	**350**	**ug/kg**	**53**	**3.8**	**SW846 8270C**
Pyrene	**190**	**670**	**830**	**ug/kg**	**96**		**SW846 8270C**
	190	**670**	**630**	**ug/kg**	**67**	**27**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	670	490	ug/kg	74		SW846 8270C
	ND	670	490	ug/kg	73	0.42	SW846 8270C
2,4,6-Trichloro-phenol	ND	670	460	ug/kg	70		SW846 8270C
	ND	670	460	ug/kg	69	1.3	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
	58	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
	71	(34 - 110)
Terphenyl-d14	74	(41 - 119)
	71	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	50	(28 - 110)
	52	(28 - 110)
2-Fluorophenol	50	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)
	80	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD
Date Sampled...: 12/07/07 10:05 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344338
Dilution Factor: 1 **% Moisture.....:** 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	91	(25 - 124)			SW846 8270C
	97	(25 - 124)	5.4	(0-30)	SW846 8270C
Pyridine	32	(10 - 110)			SW846 8270C
	29	(10 - 110)	9.5	(0-30)	SW846 8270C
Acenaphthene	**79**	**(10 - 200)**			**SW846 8270C**
	76	**(10 - 200)**	**3.7**	**(0-30)**	**SW846 8270C**
Acenaphthylene	73	(10 - 200)			SW846 8270C
	73	(10 - 200)	0.16	(0-30)	SW846 8270C
Acetophenone	58	(50 - 130)			SW846 8270C
	58	(50 - 130)	0.69	(0-30)	SW846 8270C
Anthracene	101	(10 - 200)			SW846 8270C
	82	(10 - 200)	19	(0-30)	SW846 8270C
Atrazine	91	(50 - 130)			SW846 8270C
	92	(50 - 130)	0.88	(0-30)	SW846 8270C
Benzo(a)anthracene	103	(10 - 200)			SW846 8270C
	94	(10 - 200)	8.2	(0-30)	SW846 8270C
Benzo(a)pyrene	91	(10 - 200)			SW846 8270C
	103	(10 - 200)	10	(0-30)	SW846 8270C
Benzo(b)fluoranthene	93	(10 - 200)			SW846 8270C
	90	(10 - 200)	2.8	(0-30)	SW846 8270C
Benzo(ghi)perylene	88	(10 - 200)			SW846 8270C
	77	(10 - 200)	10	(0-30)	SW846 8270C
Benzo(k)fluoranthene	101	(10 - 200)			SW846 8270C
	92	(10 - 200)	8.6	(0-30)	SW846 8270C
Benzaldehyde	54	(10 - 130)			SW846 8270C
	60	(10 - 130)	9.9	(0-30)	SW846 8270C
1,1'-Biphenyl	67	(50 - 130)			SW846 8270C
	71	(50 - 130)	6.3	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	54	(36 - 110)			SW846 8270C
	52	(36 - 110)	3.7	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	57	(32 - 118)			SW846 8270C
	59	(32 - 118)	3.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	76	(10 - 200)			SW846 8270C
	76	(10 - 200)	0.83	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	86	(44 - 120)			SW846 8270C
	91	(44 - 120)	5.6	(0-30)	SW846 8270C
Butyl benzyl phthalate	68	(43 - 138)			SW846 8270C
	71	(43 - 138)	3.8	(0-30)	SW846 8270C
Caprolactam	78	(50 - 130)			SW846 8270C
	65	(50 - 130)	18	(0-30)	SW846 8270C
Carbazole	89	(10 - 162)			SW846 8270C
	80	(10 - 162)	9.4	(0-30)	SW846 8270C
4-Chloroaniline	55	(11 - 110)			SW846 8270C
	49	(11 - 110)	11	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**72**	**(32 - 117)**			**SW846 8270C**
	65	**(32 - 117)**	**10**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	72	(40 - 110)			SW846 8270C
	72	(40 - 110)	0.74	(0-30)	SW846 8270C
2-Chlorophenol	**62**	**(32 - 110)**			**SW846 8270C**
	61	**(32 - 110)**	**1.8**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	77	(47 - 116)			SW846 8270C
	86	(47 - 116)	10	(0-30)	SW846 8270C
Chrysene	98	(10 - 200)			SW846 8270C
	97	(10 - 200)	0.99	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	86	(10 - 200)			SW846 8270C
	95	(10 - 200)	9.0	(0-30)	SW846 8270C
Dibenzofuran	78	(10 - 200)			SW846 8270C
	75	(10 - 200)	4.1	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	38	(10 - 110)			SW846 8270C
	38	(10 - 110)	0.31	(0-30)	SW846 8270C
2,4-Dichlorophenol	69	(33 - 110)			SW846 8270C
	70	(33 - 110)	1.1	(0-30)	SW846 8270C
Diethyl phthalate	80	(48 - 118)			SW846 8270C
	81	(48 - 118)	0.97	(0-30)	SW846 8270C
2,4-Dimethylphenol	56	(19 - 114)			SW846 8270C
	57	(19 - 114)	1.7	(0-30)	SW846 8270C
Dimethyl phthalate	77	(47 - 116)			SW846 8270C
	79	(47 - 116)	3.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	86	(31 - 145)			SW846 8270C
	93	(31 - 145)	7.6	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	21	(10 - 110)			SW846 8270C
	10 p	(10 - 110)	68	(0-30)	SW846 8270C
2,4-Dinitrophenol	14	(10 - 110)			SW846 8270C
	8.9 a,p	(10 - 110)	43	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**80**	**(42 - 118)**			**SW846 8270C**
	79	**(42 - 118)**	**1.4**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	80	(28 - 137)			SW846 8270C
	81	(28 - 137)	0.52	(0-30)	SW846 8270C
Di-n-octyl phthalate	74	(10 - 182)			SW846 8270C
	95	(10 - 182)	25	(0-30)	SW846 8270C
Fluoranthene	177	(10 - 200)			SW846 8270C
	100 p	(10 - 200)	43	(0-30)	SW846 8270C
Fluorene	84	(10 - 187)			SW846 8270C
	81	(10 - 187)	3.6	(0-30)	SW846 8270C
Hexachlorobenzene	79	(37 - 122)			SW846 8270C
	79	(37 - 122)	0.73	(0-30)	SW846 8270C
Hexachlorobutadiene	61	(30 - 110)			SW846 8270C
	63	(30 - 110)	3.4	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	0.0 a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
Hexachloroethane	47	(13 - 110)			SW846 8270C
	40	(13 - 110)	16	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	87	(10 - 200)			SW846 8270C
	84	(10 - 200)	3.3	(0-30)	SW846 8270C
Isophorone	67	(32 - 129)			SW846 8270C
	66	(32 - 129)	1.6	(0-30)	SW846 8270C
2-Methylnaphthalene	71	(10 - 200)			SW846 8270C
	71	(10 - 200)	0.62	(0-30)	SW846 8270C
2-Methylphenol	56	(19 - 124)			SW846 8270C
	58	(19 - 124)	2.6	(0-30)	SW846 8270C
4-Methylphenol	60	(27 - 116)			SW846 8270C
	59	(27 - 116)	2.2	(0-30)	SW846 8270C
Naphthalene	61	(10 - 200)			SW846 8270C
	60	(10 - 200)	2.0	(0-30)	SW846 8270C
2-Nitroaniline	93	(31 - 141)			SW846 8270C
	92	(31 - 141)	1.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	77	(24 - 110)			SW846 8270C
	77	(24 - 110)	0.71	(0-30)	SW846 8270C
4-Nitroaniline	84	(23 - 124)			SW846 8270C
	86	(23 - 124)	2.3	(0-30)	SW846 8270C
Nitrobenzene	61	(33 - 111)			SW846 8270C
	59	(33 - 111)	3.8	(0-30)	SW846 8270C
2-Nitrophenol	55	(17 - 110)			SW846 8270C
	56	(17 - 110)	1.5	(0-30)	SW846 8270C
4-Nitrophenol	**78**	**(10 - 125)**			**SW846 8270C**
	72	**(10 - 125)**	**8.3**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**67**	**(30 - 121)**			**SW846 8270C**
	67	**(30 - 121)**	**0.55**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	82	(10 - 169)			SW846 8270C
	85	(10 - 169)	2.6	(0-30)	SW846 8270C
Pentachlorophenol	**51**	**(10 - 182)**			**SW846 8270C**
	50	**(10 - 182)**	**1.8**	**(0-30)**	**SW846 8270C**
Phenanthrene	139	(10 - 200)			SW846 8270C
	84 p	(10 - 200)	41	(0-30)	SW846 8270C
Phenol	**55**	**(10 - 144)**			**SW846 8270C**
	53	**(10 - 144)**	**3.8**	**(0-30)**	**SW846 8270C**
Pyrene	**96**	**(10 - 200)**			**SW846 8270C**
	67	**(10 - 200)**	**27**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	74	(32 - 112)			SW846 8270C
	73	(32 - 112)	0.42	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	70	(22 - 110)			SW846 8270C
	69	(22 - 110)	1.3	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
	58	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
	71	(34 - 110)
Terphenyl-d14	74	(41 - 119)
	71	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDREQ1AF-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7L080172-001 KDREQ1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	50	(28 - 110)
	52	(28 - 110)
2-Fluorophenol	50	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)
	80	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
Prep Date.....: 12/15/07 **Analysis Date..:** 12/18/07
Prep Batch #...: 7349017
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	730	450	ug/kg	61		SW846 8270C
	ND	730	420	ug/kg	57	6.3	SW846 8270C
Pyridine	ND	730	150	ug/kg	21		SW846 8270C
	ND	730	180	ug/kg	24	14	SW846 8270C
Acenaphthene	**ND**	**730**	**410**	**ug/kg**	**57**		**SW846 8270C**
	ND	**730**	**430**	**ug/kg**	**59**	**4.3**	**SW846 8270C**
Acenaphthylene	ND	730	370	ug/kg	51		SW846 8270C
	ND	730	400	ug/kg	55	7.1	SW846 8270C
Acetophenone	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	420	ug/kg	57	7.9	SW846 8270C
Anthracene	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	480	ug/kg	66	6.8	SW846 8270C
Atrazine	ND	730	490	ug/kg	67		SW846 8270C
	ND	730	530	ug/kg	72	7.2	SW846 8270C
Benzo(a)anthracene	ND	730	430	ug/kg	59		SW846 8270C
	ND	730	470	ug/kg	65	9.7	SW846 8270C
Benzo(a)pyrene	ND	730	410	ug/kg	56		SW846 8270C
	ND	730	450	ug/kg	62	9.5	SW846 8270C
Benzo(b)fluoranthene	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	480	ug/kg	66	5.2	SW846 8270C
Benzo(ghi)perylene	ND	730	450	ug/kg	61		SW846 8270C
	ND	730	470	ug/kg	65	5.2	SW846 8270C
Benzo(k)fluoranthene	ND	730	460	ug/kg	62		SW846 8270C
	ND	730	480	ug/kg	66	5.7	SW846 8270C
Benzaldehyde	ND	730	490	ug/kg	67		SW846 8270C
	ND	730	410	ug/kg	56	17	SW846 8270C
1,1'-Biphenyl	ND	730	370	ug/kg	50		SW846 8270C
	ND	730	380	ug/kg	51	2.6	SW846 8270C
bis(2-Chloroethoxy) methane	ND	730	360	ug/kg	49		SW846 8270C
	ND	730	370	ug/kg	50	2.0	SW846 8270C
bis(2-Chloroethyl)-ether	ND	730	440	ug/kg	60		SW846 8270C
	ND	730	420	ug/kg	57	4.1	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	30	730	490	ug/kg	63		SW846 8270C
	30	730	500	ug/kg	65	2.6	SW846 8270C
4-Bromophenyl phenyl ether	ND	730	430	ug/kg	59		SW846 8270C
	ND	730	500	ug/kg	68	15	SW846 8270C
Butyl benzyl phthalate	ND	730	450	ug/kg	61		SW846 8270C
	ND	730	470	ug/kg	65	6.1	SW846 8270C
Caprolactam	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	490	ug/kg	66	7.0	SW846 8270C
Carbazole	ND	730	450	ug/kg	61		SW846 8270C
	ND	730	500	ug/kg	69	12	SW846 8270C
4-Chloroaniline	ND	730	320	ug/kg	44		SW846 8270C
	ND	730	370	ug/kg	50	14	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**730**	**430**	**ug/kg**	**58**		**SW846 8270C**
	ND	**730**	**470**	**ug/kg**	**64**	**9.1**	**SW846 8270C**
2-Chloronaphthalene	ND	730	370	ug/kg	51		SW846 8270C
	ND	730	400	ug/kg	54	5.8	SW846 8270C
2-Chlorophenol	**ND**	**730**	**380**	**ug/kg**	**52**		**SW846 8270C**
	ND	**730**	**360**	**ug/kg**	**50**	**3.8**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	730	450	ug/kg	61		SW846 8270C
	ND	730	490	ug/kg	67	8.7	SW846 8270C
Chrysene	ND	730	440	ug/kg	61		SW846 8270C
	ND	730	500	ug/kg	68	12	SW846 8270C
Dibenz(a,h)anthracene	ND	730	440	ug/kg	61		SW846 8270C
	ND	730	470	ug/kg	65	6.3	SW846 8270C
Dibenzofuran	ND	730	420	ug/kg	58		SW846 8270C
	ND	730	450	ug/kg	62	6.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	730	240	ug/kg	33		SW846 8270C
	ND	730	290	ug/kg	39	17	SW846 8270C
2,4-Dichlorophenol	ND	730	350	ug/kg	49		SW846 8270C
	ND	730	370	ug/kg	51	5.2	SW846 8270C
Diethyl phthalate	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	490	ug/kg	67	8.4	SW846 8270C
2,4-Dimethylphenol	ND	730	350	ug/kg	48		SW846 8270C
	ND	730	380	ug/kg	51	6.1	SW846 8270C
Dimethyl phthalate	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	450	ug/kg	62	13	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	730	460	ug/kg	64		SW846 8270C
	ND	730	500	ug/kg	68	7.2	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	730	250	ug/kg	34		SW846 8270C
	ND	730	240	ug/kg	32	5.6	SW846 8270C
2,4-Dinitrophenol	ND	730	220	ug/kg	30		SW846 8270C
	ND	730	220	ug/kg	30	2.2	SW846 8270C
2,4-Dinitrotoluene	**ND**	**730**	**460**	**ug/kg**	**64**		**SW846 8270C**
	ND	**730**	**490**	**ug/kg**	**68**	**6.2**	**SW846 8270C**
2,6-Dinitrotoluene	ND	730	430	ug/kg	59		SW846 8270C
	ND	730	500	ug/kg	69	15	SW846 8270C
Di-n-octyl phthalate	ND	730	490	ug/kg	67		SW846 8270C
	ND	730	520	ug/kg	72	6.3	SW846 8270C
Fluoranthene	ND	730	470	ug/kg	64		SW846 8270C
	ND	730	510	ug/kg	70	8.5	SW846 8270C
Fluorene	ND	730	450	ug/kg	61		SW846 8270C
	ND	730	490	ug/kg	66	8.5	SW846 8270C
Hexachlorobenzene	ND	730	480	ug/kg	65		SW846 8270C
	ND	730	510	ug/kg	70	6.2	SW846 8270C
Hexachlorobutadiene	ND	730	360	ug/kg	50		SW846 8270C
	ND	730	390	ug/kg	54	8.0	SW846 8270C
Hexachlorocyclopenta-diene	ND	730	0.0	ug/kg	0.0 a		SW846 8270C
	ND	730	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachloroethane	ND	730	310	ug/kg	43		SW846 8270C
	ND	730	250	ug/kg	34	24	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	730	430	ug/kg	59		SW846 8270C
	ND	730	470	ug/kg	64	6.9	SW846 8270C
Isophorone	ND	730	410	ug/kg	57		SW846 8270C
	ND	730	420	ug/kg	58	1.4	SW846 8270C
2-Methylnaphthalene	ND	730	430	ug/kg	59		SW846 8270C
	ND	730	440	ug/kg	61	2.5	SW846 8270C
2-Methylphenol	ND	730	420	ug/kg	57		SW846 8270C
	ND	730	390	ug/kg	54	5.9	SW846 8270C
4-Methylphenol	ND	1500	870	ug/kg	60		SW846 8270C
	ND	1500	800	ug/kg	54	9.3	SW846 8270C
Naphthalene	ND	730	360	ug/kg	49		SW846 8270C
	ND	730	370	ug/kg	50	3.8	SW846 8270C
2-Nitroaniline	ND	730	430	ug/kg	58		SW846 8270C
	ND	730	480	ug/kg	65	11	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	730	390	ug/kg	53		SW846 8270C
	ND	730	440	ug/kg	60	13	SW846 8270C
4-Nitroaniline	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	470	ug/kg	64	3.8	SW846 8270C
Nitrobenzene	ND	730	360	ug/kg	49		SW846 8270C
	ND	730	370	ug/kg	51	4.1	SW846 8270C
2-Nitrophenol	ND	730	310	ug/kg	42		SW846 8270C
	ND	730	310	ug/kg	42	0.53	SW846 8270C
4-Nitrophenol	**ND**	**730**	**290**	**ug/kg**	**40**		**SW846 8270C**
	ND	**730**	**320**	**ug/kg**	**44**	**9.8**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**730**	**430**	**ug/kg**	**59**		**SW846 8270C**
	ND	**730**	**400**	**ug/kg**	**54**	**8.7**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	730	450	ug/kg	62		SW846 8270C
	ND	730	480	ug/kg	66	6.1	SW846 8270C
Pentachlorophenol	**ND**	**730**	**240**	**ug/kg**	**33**		**SW846 8270C**
	ND	**730**	**210**	**ug/kg**	**29**	**13**	**SW846 8270C**
Phenanthrene	33	730	450	ug/kg	57		SW846 8270C
	33	730	490	ug/kg	63	8.8	SW846 8270C
Phenol	**ND**	**730**	**400**	**ug/kg**	**55**		**SW846 8270C**
	ND	**730**	**350**	**ug/kg**	**48**	**14**	**SW846 8270C**
Pyrene	**ND**	**730**	**450**	**ug/kg**	**62**		**SW846 8270C**
	ND	**730**	**480**	**ug/kg**	**65**	**5.7**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	730	300	ug/kg	41		SW846 8270C
	ND	730	250	ug/kg	34	19	SW846 8270C
2,4,6-Trichloro-phenol	ND	730	190	ug/kg	27		SW846 8270C
	ND	730	170	ug/kg	24	11	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(24 - 112)
	48	(24 - 112)
2-Fluorobiphenyl	49	(34 - 110)
	50	(34 - 110)
Terphenyl-d14	69	(41 - 119)
	74	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	56	(28 - 110)
	53	(28 - 110)
2-Fluorophenol	54	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	29	(10 - 118)
	27	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD
Date Sampled...: 12/07/07 14:30 **Date Received..:** 12/08/07
Prep Date.....: 12/15/07 **Analysis Date..:** 12/18/07
Prep Batch #...: 7349017
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	61	(25 - 124)			SW846 8270C
	57	(25 - 124)	6.3	(0-30)	SW846 8270C
Pyridine	21	(10 - 110)			SW846 8270C
	24	(10 - 110)	14	(0-30)	SW846 8270C
Acenaphthene	**57**	**(10 - 200)**			**SW846 8270C**
	59	**(10 - 200)**	**4.3**	**(0-30)**	**SW846 8270C**
Acenaphthylene	51	(10 - 200)			SW846 8270C
	55	(10 - 200)	7.1	(0-30)	SW846 8270C
Acetophenone	62	(50 - 130)			SW846 8270C
	57	(50 - 130)	7.9	(0-30)	SW846 8270C
Anthracene	62	(10 - 200)			SW846 8270C
	66	(10 - 200)	6.8	(0-30)	SW846 8270C
Atrazine	67	(50 - 130)			SW846 8270C
	72	(50 - 130)	7.2	(0-30)	SW846 8270C
Benzo(a)anthracene	59	(10 - 200)			SW846 8270C
	65	(10 - 200)	9.7	(0-30)	SW846 8270C
Benzo(a)pyrene	56	(10 - 200)			SW846 8270C
	62	(10 - 200)	9.5	(0-30)	SW846 8270C
Benzo(b)fluoranthene	62	(10 - 200)			SW846 8270C
	66	(10 - 200)	5.2	(0-30)	SW846 8270C
Benzo(ghi)perylene	61	(10 - 200)			SW846 8270C
	65	(10 - 200)	5.2	(0-30)	SW846 8270C
Benzo(k)fluoranthene	62	(10 - 200)			SW846 8270C
	66	(10 - 200)	5.7	(0-30)	SW846 8270C
Benzaldehyde	67	(10 - 130)			SW846 8270C
	56	(10 - 130)	17	(0-30)	SW846 8270C
1,1'-Biphenyl	50	(50 - 130)			SW846 8270C
	51	(50 - 130)	2.6	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	49	(36 - 110)			SW846 8270C
	50	(36 - 110)	2.0	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	60	(32 - 118)			SW846 8270C
	57	(32 - 118)	4.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	63	(10 - 200)			SW846 8270C
	65	(10 - 200)	2.6	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	59	(44 - 120)			SW846 8270C
	68	(44 - 120)	15	(0-30)	SW846 8270C
Butyl benzyl phthalate	61	(43 - 138)			SW846 8270C
	65	(43 - 138)	6.1	(0-30)	SW846 8270C
Caprolactam	62	(50 - 130)			SW846 8270C
	66	(50 - 130)	7.0	(0-30)	SW846 8270C
Carbazole	61	(10 - 162)			SW846 8270C
	69	(10 - 162)	12	(0-30)	SW846 8270C
4-Chloroaniline	44	(11 - 110)			SW846 8270C
	50	(11 - 110)	14	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**58**	**(32 - 117)**			**SW846 8270C**
	64	**(32 - 117)**	**9.1**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	51	(40 - 110)			SW846 8270C
	54	(40 - 110)	5.8	(0-30)	SW846 8270C
2-Chlorophenol	**52**	**(32 - 110)**			**SW846 8270C**
	50	**(32 - 110)**	**3.8**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	61	(47 - 116)			SW846 8270C
	67	(47 - 116)	8.7	(0-30)	SW846 8270C
Chrysene	61	(10 - 200)			SW846 8270C
	68	(10 - 200)	12	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	61	(10 - 200)			SW846 8270C
	65	(10 - 200)	6.3	(0-30)	SW846 8270C
Dibenzofuran	58	(10 - 200)			SW846 8270C
	62	(10 - 200)	6.4	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	33	(10 - 110)			SW846 8270C
	39	(10 - 110)	17	(0-30)	SW846 8270C
2,4-Dichlorophenol	49	(33 - 110)			SW846 8270C
	51	(33 - 110)	5.2	(0-30)	SW846 8270C
Diethyl phthalate	62	(48 - 118)			SW846 8270C
	67	(48 - 118)	8.4	(0-30)	SW846 8270C
2,4-Dimethylphenol	48	(19 - 114)			SW846 8270C
	51	(19 - 114)	6.1	(0-30)	SW846 8270C
Dimethyl phthalate	55	(47 - 116)			SW846 8270C
	62	(47 - 116)	13	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	64	(31 - 145)			SW846 8270C
	68	(31 - 145)	7.2	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	34	(10 - 110)			SW846 8270C
	32	(10 - 110)	5.6	(0-30)	SW846 8270C
2,4-Dinitrophenol	30	(10 - 110)			SW846 8270C
	30	(10 - 110)	2.2	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**64**	**(42 - 118)**			**SW846 8270C**
	68	**(42 - 118)**	**6.2**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	59	(28 - 137)			SW846 8270C
	69	(28 - 137)	15	(0-30)	SW846 8270C
Di-n-octyl phthalate	67	(10 - 182)			SW846 8270C
	72	(10 - 182)	6.3	(0-30)	SW846 8270C
Fluoranthene	64	(10 - 200)			SW846 8270C
	70	(10 - 200)	8.5	(0-30)	SW846 8270C
Fluorene	61	(10 - 187)			SW846 8270C
	66	(10 - 187)	8.5	(0-30)	SW846 8270C
Hexachlorobenzene	65	(37 - 122)			SW846 8270C
	70	(37 - 122)	6.2	(0-30)	SW846 8270C
Hexachlorobutadiene	50	(30 - 110)			SW846 8270C
	54	(30 - 110)	8.0	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	0.0 a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
Hexachloroethane	43	(13 - 110)			SW846 8270C
	34	(13 - 110)	24	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	59	(10 - 200)			SW846 8270C
	64	(10 - 200)	6.9	(0-30)	SW846 8270C
Isophorone	57	(32 - 129)			SW846 8270C
	58	(32 - 129)	1.4	(0-30)	SW846 8270C
2-Methylnaphthalene	59	(10 - 200)			SW846 8270C
	61	(10 - 200)	2.5	(0-30)	SW846 8270C
2-Methylphenol	57	(19 - 124)			SW846 8270C
	54	(19 - 124)	5.9	(0-30)	SW846 8270C
4-Methylphenol	60	(27 - 116)			SW846 8270C
	54	(27 - 116)	9.3	(0-30)	SW846 8270C
Naphthalene	49	(10 - 200)			SW846 8270C
	50	(10 - 200)	3.8	(0-30)	SW846 8270C
2-Nitroaniline	58	(31 - 141)			SW846 8270C
	65	(31 - 141)	11	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	53	(24 - 110)			SW846 8270C
	60	(24 - 110)	13	(0-30)	SW846 8270C
4-Nitroaniline	62	(23 - 124)			SW846 8270C
	64	(23 - 124)	3.8	(0-30)	SW846 8270C
Nitrobenzene	49	(33 - 111)			SW846 8270C
	51	(33 - 111)	4.1	(0-30)	SW846 8270C
2-Nitrophenol	42	(17 - 110)			SW846 8270C
	42	(17 - 110)	0.53	(0-30)	SW846 8270C
4-Nitrophenol	**40**	**(10 - 125)**			**SW846 8270C**
	44	**(10 - 125)**	**9.8**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**59**	**(30 - 121)**			**SW846 8270C**
	54	**(30 - 121)**	**8.7**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	62	(10 - 169)			SW846 8270C
	66	(10 - 169)	6.1	(0-30)	SW846 8270C
Pentachlorophenol	**33**	**(10 - 182)**			**SW846 8270C**
	29	**(10 - 182)**	**13**	**(0-30)**	**SW846 8270C**
Phenanthrene	57	(10 - 200)			SW846 8270C
	63	(10 - 200)	8.8	(0-30)	SW846 8270C
Phenol	**55**	**(10 - 144)**			**SW846 8270C**
	48	**(10 - 144)**	**14**	**(0-30)**	**SW846 8270C**
Pyrene	**62**	**(10 - 200)**			**SW846 8270C**
	65	**(10 - 200)**	**5.7**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	41	(32 - 112)			SW846 8270C
	34	(32 - 112)	19	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	27	(22 - 110)			SW846 8270C
	24	(22 - 110)	11	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	49	(24 - 112)
	48	(24 - 112)
2-Fluorobiphenyl	49	(34 - 110)
	50	(34 - 110)
Terphenyl-d14	69	(41 - 119)
	74	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLD1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-004 KDRLD1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	56	(28 - 110)
	53	(28 - 110)
2-Fluorophenol	54	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	29	(10 - 118)
	27	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRXG1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7L100000-026

Prep Date.....: 12/10/07
Analysis Date..: 12/13/07 **Prep Batch #...:** 7344026
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 196)
Decachlorobiphenyl	52	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRXG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-026
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**190**	**ug/kg**	**56**	**SW846 8082**
Aroclor 1260	**330**	**200**	**ug/kg**	**60**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 196)
Decachlorobiphenyl	61	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRXG1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7L100000-026
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**56**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**60**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(10 - 196)
Decachlorobiphenyl	61	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-002 KDRLA1CC-MSD
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**360**	**300**	**ug/kg**	**81**		**SW846 8082**
	ND	**360**	**290**	**ug/kg**	**80**	**1.5**	**SW846 8082**
Aroclor 1260	**ND**	**360**	**280**	**ug/kg**	**77**		**SW846 8082**
	ND	**360**	**280**	**ug/kg**	**76**	**1.5**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
	90	(10 - 196)
Decachlorobiphenyl	72	(10 - 199)
	75	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7L080195 **Work Order #...:** KDRLA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7L080195-002 KDRLA1CC-MSD
Date Sampled...: 12/07/07 09:40 **Date Received..:** 12/08/07
Prep Date.....: 12/10/07 **Analysis Date..:** 12/13/07
Prep Batch #...: 7344026
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**81**	**(10 - 199)**			**SW846 8082**
	80	**(10 - 199)**	**1.5**	**(0-30)**	**SW846 8082**
Aroclor 1260	**77**	**(10 - 199)**			**SW846 8082**
	76	**(10 - 199)**	**1.5**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
	90	(10 - 196)
Decachlorobiphenyl	72	(10 - 199)
	75	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L090000-029 **Prep Batch #...:** 7343029						
Aluminum	ND	16.0	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AC
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	12/10-12/11/07	KDRVC1AV
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	12/10/07	KDRVC1AW
		Dilution Factor: 1				
Barium	**0.14 B**	**0.80**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRVC1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AF
		Dilution Factor: 1				
Calcium	**23.2 B**	**400**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRVC1AG**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AU
		Dilution Factor: 1				
Magnesium	**6.0 B**	**80.0**	**mg/kg**	**SW846 6010B**	**12/10-12/11/07**	**KDRVC1AL**
		Dilution Factor: 1				
Manganese	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AM
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	12/10/07	KDRVC1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	12/10/07	KDRVC1AX
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	12/10/07	KDRVC1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	12/10-12/11/07	KDRVC1AR
		Dilution Factor: 1				
Zinc	**0.46 B**	**0.80**	**mg/kg**	**SW846 6020**	**12/10/07**	**KDRVC1A2**
		Dilution Factor: 1				

MB Lot-Sample #: A7L120000-197 **Prep Batch #...:** 7346197

Silver	ND	0.080	mg/kg	SW846 6020	12/13/07	KDX8V1AA
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L090000-029 **Prep Batch #...:** 7343029							
Mercury	0.83	0.76	mg/kg	91	SW846 7471A	12/10/07	KDRVC1A3
			Dilution Factor: 1				
Aluminum	200	191	mg/kg	95	SW846 6010B	12/10-12/11/07	KDRVC1A4
			Dilution Factor: 1				
Barium	200	185	mg/kg	93	SW846 6010B	12/10-12/11/07	KDRVC1A5
			Dilution Factor: 1				
Beryllium	5.0	4.4	mg/kg	88	SW846 6010B	12/10-12/11/07	KDRVC1A6
			Dilution Factor: 1				
Cadmium	5.0	4.4	mg/kg	89	SW846 6010B	12/10-12/11/07	KDRVC1A7
			Dilution Factor: 1				
Calcium	5000	4530	mg/kg	91	SW846 6010B	12/10-12/11/07	KDRVC1A8
			Dilution Factor: 1				
Cobalt	50.0	44.0	mg/kg	88	SW846 6010B	12/10-12/11/07	KDRVC1A9
			Dilution Factor: 1				
Copper	25.0	22.9	mg/kg	92	SW846 6010B	12/10-12/11/07	KDRVC1CA
			Dilution Factor: 1				
Iron	100	97.6	mg/kg	98	SW846 6010B	12/10-12/11/07	KDRVC1CC
			Dilution Factor: 1				
Magnesium	5000	4540	mg/kg	91	SW846 6010B	12/10-12/11/07	KDRVC1CD
			Dilution Factor: 1				
Manganese	50.0	44.7	mg/kg	89	SW846 6010B	12/10-12/11/07	KDRVC1CE
			Dilution Factor: 1				
Nickel	50.0	44.6	mg/kg	89	SW846 6010B	12/10-12/11/07	KDRVC1CF
			Dilution Factor: 1				
Potassium	5000	4830	mg/kg	97	SW846 6010B	12/10-12/11/07	KDRVC1CG
			Dilution Factor: 1				
Sodium	5000	4520	mg/kg	90	SW846 6010B	12/10-12/11/07	KDRVC1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	45.0	mg/kg	90	SW846 6010B	12/10-12/11/07	KDRVC1CJ
			Dilution Factor: 1				
Chromium	20.0	17.9	mg/kg	90	SW846 6010B	12/10-12/11/07	KDRVC1CK
			Dilution Factor: 1				
Lead	50.0	43.8	mg/kg	88	SW846 6010B	12/10-12/11/07	KDRVC1CL
			Dilution Factor: 1				
Antimony	50.0	52.0	mg/kg	104	SW846 6020	12/10-12/11/07	KDRVC1CM
			Dilution Factor: 10				
Arsenic	10.0	8.1	mg/kg	81	SW846 6020	12/10/07	KDRVC1CN
			Dilution Factor: 1				
Selenium	10.0	8.5	mg/kg	85	SW846 6020	12/10/07	KDRVC1CP
			Dilution Factor: 1				
Thallium	10.0	8.6	mg/kg	86	SW846 6020	12/10/07	KDRVC1CR
			Dilution Factor: 1				
Zinc	10.0	8.6	mg/kg	86	SW846 6020	12/10/07	KDRVC1CT
			Dilution Factor: 1				

LCS Lot-Sample#: A7L120000-197 **Prep Batch #...:** 7346197

Silver	5.0	4.4	mg/kg	88	SW846 6020	12/13/07	KDX8V1AC
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L090000-029 **Prep Batch #...:** 7343029					
Mercury	91	(81 - 116)	SW846 7471A Dilution Factor: 1	12/10/07	KDRVC1A3
Aluminum	95	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A4
Barium	93	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A5
Beryllium	88	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A6
Cadmium	89	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A7
Calcium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A8
Cobalt	88	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1A9
Copper	92	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CA
Iron	98	(73 - 137)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CC
Magnesium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CD
Manganese	89	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CE
Nickel	89	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CF
Potassium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CG
Sodium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	12/10-12/11/07	KDRVC1CH

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	90	(80 - 120)	SW846 6010B	12/10-12/11/07	KDRVC1CJ
		Dilution Factor: 1			
Chromium	90	(80 - 120)	SW846 6010B	12/10-12/11/07	KDRVC1CK
		Dilution Factor: 1			
Lead	88	(80 - 120)	SW846 6010B	12/10-12/11/07	KDRVC1CL
		Dilution Factor: 1			
Antimony	104	(80 - 120)	SW846 6020	12/10-12/11/07	KDRVC1CM
		Dilution Factor: 10			
Arsenic	81	(73 - 110)	SW846 6020	12/10/07	KDRVC1CN
		Dilution Factor: 1			
Selenium	85	(73 - 110)	SW846 6020	12/10/07	KDRVC1CP
		Dilution Factor: 1			
Thallium	86	(71 - 110)	SW846 6020	12/10/07	KDRVC1CR
		Dilution Factor: 1			
Zinc	86	(72 - 113)	SW846 6020	12/10/07	KDRVC1CT
		Dilution Factor: 1			
LCS Lot-Sample#: A7L120000-197 **Prep Batch #...:** 7346197					
Silver	88	(80 - 120)	SW846 6020	12/13/07	KDX8V1AC
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7343029									
								% Moisture.....: 11	
Aluminum									
	7410	225	7200	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CF
			Qualifiers: NC,MSB						
	7410	225	10900	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CG
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.10	56.2	27.0 N	mg/kg	48		SW846 6020	12/10-12/11/07	KDN3X1DH
	0.10	56.2	27.4 N	mg/kg	49	1.6	SW846 6020	12/10-12/11/07	KDN3X1DJ
			Dilution Factor: 10						
Arsenic									
	4.4	11.2	13.9	mg/kg	85		SW846 6020	12/10/07	KDN3X1DK
	4.4	11.2	13.1	mg/kg	78	5.9	SW846 6020	12/10/07	KDN3X1DL
			Dilution Factor: 1						
Barium									
	46.5	225	399 N	mg/kg	157		SW846 6010B	12/10-12/11/07	KDN3X1CH
	46.5	225	251 *	mg/kg	91	45	SW846 6010B	12/10-12/11/07	KDN3X1CJ
			Dilution Factor: 1						
Beryllium									
	0.20	5.6	4.4 N	mg/kg	74		SW846 6010B	12/10-12/11/07	KDN3X1CK
	0.20	5.6	4.8	mg/kg	82	9.8	SW846 6010B	12/10-12/11/07	KDN3X1CL
			Dilution Factor: 1						
Cadmium									
	0.20	5.6	4.5	mg/kg	76		SW846 6010B	12/10-12/11/07	KDN3X1CM
	0.20	5.6	4.7	mg/kg	81	5.3	SW846 6010B	12/10-12/11/07	KDN3X1CN
			Dilution Factor: 1						
Calcium									
	38500	5620	111000	mg/kg			SW846 6010B	12/10-12/12/07	KDN3X1CP
			Qualifiers: NC,MSB						
	38500	5620	34800	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	14.7	22.5	46.4 N	mg/kg	141		SW846 6010B	12/10-12/11/07	KDN3X1DD
	14.7	22.5	40.4	mg/kg	114	14	SW846 6010B	12/10-12/11/07	KDN3X1DE
			Dilution Factor: 1						
Cobalt									
	7.9	56.2	48.8 N	mg/kg	73		SW846 6010B	12/10-12/11/07	KDN3X1CR
	7.9	56.2	54.4	mg/kg	83	11	SW846 6010B	12/10-12/11/07	KDN3X1CT
			Dilution Factor: 1						
Copper									
	19.5	28.1	43.6	mg/kg	85		SW846 6010B	12/10-12/11/07	KDN3X1CU
	19.5	28.1	46.7	mg/kg	97	6.9	SW846 6010B	12/10-12/11/07	KDN3X1CV
			Dilution Factor: 1						
Iron									
	15400	112	13800	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CW
			Qualifiers: NC,MSB						
	15400	112	18700	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1CX
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	18.7	56.2	73.5	mg/kg	97		SW846 6010B	12/10-12/11/07	KDN3X1DF
	18.7	56.2	67.2	mg/kg	86	8.9	SW846 6010B	12/10-12/11/07	KDN3X1DG
			Dilution Factor: 1						
Magnesium									
	8810	5620	27600 N	mg/kg	334		SW846 6010B	12/10-12/11/07	KDN3X1C0
	8810	5620	13300 *	mg/kg	80	70	SW846 6010B	12/10-12/11/07	KDN3X1C1
			Dilution Factor: 1						
Manganese									
	286	56.2	333	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1C2
			Qualifiers: NC,MSB						
	286	56.2	351	mg/kg			SW846 6010B	12/10-12/11/07	KDN3X1C3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.054	0.19	0.23	mg/kg	94		SW846 7471A	12/10/07	KDN3X1CD
	0.054	0.19	0.25	mg/kg	106	9.0	SW846 7471A	12/10/07	KDN3X1CE
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	15.2	56.2	62.5	mg/kg	84		SW846 6010B	12/10-12/11/07	KDN3X1C4
	15.2	56.2	63.6	mg/kg	86	1.8	SW846 6010B	12/10-12/11/07	KDN3X1C5
			Dilution Factor: 1						
Potassium									
	1070	5620	6680	mg/kg	100		SW846 6010B	12/10-12/11/07	KDN3X1C6
	1070	5620	6930	mg/kg	104	3.7	SW846 6010B	12/10-12/11/07	KDN3X1C7
			Dilution Factor: 1						
Selenium									
	ND	11.2	9.7	mg/kg	87		SW846 6020	12/10/07	KDN3X1DM
	ND	11.2	9.5	mg/kg	85	2.1	SW846 6020	12/10/07	KDN3X1DN
			Dilution Factor: 1						
Sodium									
	983	5620	5580	mg/kg	82		SW846 6010B	12/10-12/11/07	KDN3X1C8
	983	5620	5990	mg/kg	89	7.1	SW846 6010B	12/10-12/11/07	KDN3X1C9
			Dilution Factor: 1						
Thallium									
	0.14	11.2	9.1	mg/kg	80		SW846 6020	12/10/07	KDN3X1DR
	0.14	11.2	8.9	mg/kg	78	2.6	SW846 6020	12/10/07	KDN3X1DT
			Dilution Factor: 1						
Vanadium									
	18.0	56.2	61.3	mg/kg	77		SW846 6010B	12/10-12/11/07	KDN3X1DA
	18.0	56.2	69.0	mg/kg	91	12	SW846 6010B	12/10-12/11/07	KDN3X1DC
			Dilution Factor: 1						
Zinc									
	49.5	11.2	52.5	mg/kg			SW846 6020	12/10/07	KDN3X1DU
			Qualifiers: NC,MSB						
	49.5	11.2	52.9	mg/kg			SW846 6020	12/10/07	KDN3X1DV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						

MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7346197
% Moisture.....: 11

Silver									
	0.075	5.6	4.5	mg/kg	79		SW846 6020	12/13/07	KDN3X1G7
	0.075	5.6	4.3	mg/kg	75	5.2	SW846 6020	12/13/07	KDN3X1G8
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7343029						**% Moisture.....:** 11	
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CF
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CG
		Dilution Factor: 1					
Antimony	48 N	(75 - 125)			SW846 6020	12/10-12/11/07	KDN3X1DH
	49 N	(75 - 125)	1.6	(0-20)	SW846 6020	12/10-12/11/07	KDN3X1DJ
		Dilution Factor: 10					
Arsenic	85	(23 - 131)			SW846 6020	12/10/07	KDN3X1DK
	78	(23 - 131)	5.9	(0-20)	SW846 6020	12/10/07	KDN3X1DL
		Dilution Factor: 1					
Barium	157 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CH
	91 *	(75 - 125)	45	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CJ
		Dilution Factor: 1					
Beryllium	74 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CK
	82	(75 - 125)	9.8	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CL
		Dilution Factor: 1					
Cadmium	76	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CM
	81	(75 - 125)	5.3	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CN
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/12/07	KDN3X1CP
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CQ
		Dilution Factor: 5					
Chromium	141 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1DD
	114	(75 - 125)	14	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1DE
		Dilution Factor: 1					
Cobalt	73 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CR
	83	(75 - 125)	11	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CT
		Dilution Factor: 1					
Copper	85	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CU
	97	(75 - 125)	6.9	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CV
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1CW
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1CX
		Dilution Factor: 1					
Lead	97	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1DF
	86	(75 - 125)	8.9	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1DG
		Dilution Factor: 1					
Magnesium	334 N	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C0
	80 *	(75 - 125)	70	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C1
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C2
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C3
		Dilution Factor: 1					
Mercury	94	(11 - 192)			SW846 7471A	12/10/07	KDN3X1CD
	106	(11 - 192)	9.0	(0-20)	SW846 7471A	12/10/07	KDN3X1CE
		Dilution Factor: 1					
Nickel	84	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C4
	86	(75 - 125)	1.8	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C5
		Dilution Factor: 1					
Potassium	100	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C6
	104	(75 - 125)	3.7	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C7
		Dilution Factor: 1					
Selenium	87	(39 - 116)			SW846 6020	12/10/07	KDN3X1DM
	85	(39 - 116)	2.1	(0-20)	SW846 6020	12/10/07	KDN3X1DN
		Dilution Factor: 1					
Sodium	82	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1C8
	89	(75 - 125)	7.1	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1C9
		Dilution Factor: 1					
Thallium	80	(62 - 110)			SW846 6020	12/10/07	KDN3X1DR
	78	(62 - 110)	2.6	(0-20)	SW846 6020	12/10/07	KDN3X1DT
		Dilution Factor: 1					
Vanadium	77	(75 - 125)			SW846 6010B	12/10-12/11/07	KDN3X1DA
	91	(75 - 125)	12	(0-20)	SW846 6010B	12/10-12/11/07	KDN3X1DC
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/06/07 08:10 **Date Received..:** 12/07/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	NC,MSB	(10 - 199)			SW846 6020	12/10/07	KDN3X1DU
	NC,MSB	(10 - 199)		(0-20)	SW846 6020	12/10/07	KDN3X1DV

Dilution Factor: 1

MS Lot-Sample #: A7L070218-001 **Prep Batch #...:** 7346197
% Moisture.....: 11

Silver	79	(75 - 125)			SW846 6020	12/13/07	KDN3X1G7
	75	(75 - 125)	5.2	(0-20)	SW846 6020	12/13/07	KDN3X1G8

Dilution Factor: 1

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AA		MB Lot-Sample #:	A7L110000-331	
	ND	0.20	mg/kg	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1				
Cyanide, Total		Work Order #: KDWN01AA		MB Lot-Sample #:	A7L110000-332	
	ND	0.20	mg/kg	SW846 9012A	12/11/07	7345332
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KDXC81AA		MB Lot-Sample #:	A7L110000-435	
	ND	0.80	mg/kg	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1				
Percent Solids		Work Order #: KDXCF1AA		MB Lot-Sample #:	A7L110000-433	
	ND	10.0	%	MCAWW 160.3 MOD	12/11-12/12/07	7345433
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: KDWNV1AC		LCS Lot-Sample#: A7L110000-331		
	33.0	28.4	mg/kg	86	SW846 9012A	12/11/07	7345331
			Dilution Factor: 1				
Cyanide, Total			Work Order #: KDWN01AC		LCS Lot-Sample#: A7L110000-332		
	33.0	28.4	mg/kg	86	SW846 9012A	12/11/07	7345332
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KDXC81AC		LCS Lot-Sample#: A7L110000-435		
	644	717	mg/kg	111	SW846 7196A	12/10-12/11/07	7345435
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L080195 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KDWNV1AC	LCS Lot-Sample#: A7L110000-331		
	86	(68 - 123)	SW846 9012A	12/11/07	7345331
		Dilution Factor: 1			
Cyanide, Total		Work Order #: KDWN01AC	LCS Lot-Sample#: A7L110000-332		
	86	(68 - 123)	SW846 9012A	12/11/07	7345332
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KDXC81AC	LCS Lot-Sample#: A7L110000-435		
	111	(10 - 200)	SW846 7196A	12/10-12/11/07	7345435
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
					% Moisture.....: 14				
Cyanide, Total			WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002		
	ND	2.3	2.2	mg/kg	96		SW846 9012A	12/11/07	7345331
	ND	2.3	2.2	mg/kg	94	2.5	SW846 9012A	12/11/07	7345331
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L080195 **Matrix.....:** SOLID
Date Sampled...: 12/04/07 12:00 **Date Received..:** 12/05/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 14	
Cyanide, Total		WO#: KDHJN1A5-MS/KDHJN1A6-MSD				MS Lot-Sample #: A7L050288-002	
	96	(50 - 134)			SW846 9012A	12/11/07	7345331
	94	(50 - 134)	2.5	(0-20)	SW846 9012A	12/11/07	7345331

Dilution Factor: 1

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L080195 **Work Order #...:** KDM6V-SMP KDM6V-DUP **Matrix.....:** SOLID

Date Sampled...: 12/06/07 08:50 **Date Received..:** 12/07/07

% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L070110-003		
	88.0	88.4	%	0.46	(0-20)	MCAWW 160.3 MOD	12/11-12/12/07	7345433

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7L080195 **Work Order #...:** KDM70-SMP KDM70-DUP **Matrix.....:** SOLID

Date Sampled...: 12/06/07 13:35 **Date Received..:** 12/07/07

% Moisture.....: 15

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7L070110-015		
	85.3	84.1	%	1.4	(0-20)	MCAWW 160.3 MOD	12/11-12/12/07	7345433

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

VALIDATION CNTR SSOW# E111021

Lot #: A8C060203

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

March 10, 2008

EXECUTIVE SUMMARY - Detection Highlights

A8C060203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030508-MC-BH8008 03/05/08 10:40 001				
Trivalent Chromium	0.49	0.45	mg/kg	SW846 7196A
Arsenic	4.0	0.091	mg/kg	SW846 6020
Antimony	0.034 B	0.18	mg/kg	SW846 6020
Selenium	0.90	0.19	mg/kg	SW846 6020
Thallium	0.18 J	0.091	mg/kg	SW846 6020
Zinc	34.8	0.91	mg/kg	SW846 6020
Aluminum	6710	18.2	mg/kg	SW846 6010B
Barium	44.0 J	0.91	mg/kg	SW846 6010B
Beryllium	0.39	0.18	mg/kg	SW846 6010B
Calcium	65700 J	454	mg/kg	SW846 6010B
Cadmium	0.39	0.091	mg/kg	SW846 6010B
Cobalt	6.0	0.45	mg/kg	SW846 6010B
Chromium	12.9	0.45	mg/kg	SW846 6010B
Copper	14.7	0.91	mg/kg	SW846 6010B
Iron	13800 J	9.1	mg/kg	SW846 6010B
Potassium	1340 J	454	mg/kg	SW846 6010B
Magnesium	15500 J	90.8	mg/kg	SW846 6010B
Manganese	285	0.91	mg/kg	SW846 6010B
Sodium	121	90.8	mg/kg	SW846 6010B
Nickel	16.2 J,E	0.91	mg/kg	SW846 6010B
Lead	6.8	0.27	mg/kg	SW846 6010B
Vanadium	16.2	0.91	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	63	57	ug/kg	SW846 8270C
Chrysene	23	7.6	ug/kg	SW846 8270C
Di-n-butyl phthalate	41 J	57	ug/kg	SW846 8270C
2,6-Dinitrotoluene	150 J	230	ug/kg	SW846 8270C
Fluoranthene	22	7.6	ug/kg	SW846 8270C
Phenanthrene	22	7.6	ug/kg	SW846 8270C
Pyrene	16	7.6	ug/kg	SW846 8270C
Acetone	6.2 J,B	17	ug/kg	SW846 8260B
Benzene	0.22 J	4.4	ug/kg	SW846 8260B
2-Butanone	1.9 J	17	ug/kg	SW846 8260B
Trichlorofluoromethane	0.66 J	4.4	ug/kg	SW846 8260B
Methylene chloride	0.79 J,B	4.4	ug/kg	SW846 8260B
Toluene	0.62 J	4.4	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	1.4 J,B	4.4	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	14	4.4	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	3.9 J	4.4	ug/kg	SW846 8260B
Xylenes (total)	1.3 J	8.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.49 B	0.91	mg/kg	SW846 7196A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A8C060203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030508-MC-BH8008 03/05/08 10:40 001				
Percent Solids	88.1	10.0	%	MCAWW 160.3 MOD
SO-17322-030508-MC-BH8108 03/05/08 11:30 002				
Silver	0.055 B	0.089	mg/kg	SW846 6020
Arsenic	3.8	0.089	mg/kg	SW846 6020
Antimony	0.047 B	0.18	mg/kg	SW846 6020
Selenium	0.89	0.19	mg/kg	SW846 6020
Thallium	0.11 J	0.089	mg/kg	SW846 6020
Zinc	20.4	0.89	mg/kg	SW846 6020
Aluminum	6070	17.7	mg/kg	SW846 6010B
Barium	65.6 J	0.89	mg/kg	SW846 6010B
Beryllium	0.32	0.18	mg/kg	SW846 6010B
Calcium	101000 J	2210	mg/kg	SW846 6010B
Cadmium	0.31	0.089	mg/kg	SW846 6010B
Cobalt	4.0	0.44	mg/kg	SW846 6010B
Chromium	12.1	0.44	mg/kg	SW846 6010B
Copper	11.6	0.89	mg/kg	SW846 6010B
Iron	9780 J	8.9	mg/kg	SW846 6010B
Potassium	1280 J	443	mg/kg	SW846 6010B
Magnesium	16500 J	88.5	mg/kg	SW846 6010B
Manganese	222	0.89	mg/kg	SW846 6010B
Sodium	323	88.5	mg/kg	SW846 6010B
Nickel	11.6 J	0.89	mg/kg	SW846 6010B
Lead	6.4	0.27	mg/kg	SW846 6010B
Vanadium	14.3	0.89	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	28 J	55	ug/kg	SW846 8270C
Chrysene	8.8	7.4	ug/kg	SW846 8270C
Phenanthrene	10	7.4	ug/kg	SW846 8270C
Acetone	16 B	16	ug/kg	SW846 8260B
2-Butanone	3.1 J	16	ug/kg	SW846 8260B
Methylene chloride	1.9 J,B	4.1	ug/kg	SW846 8260B
4-Methyl-2-pentanone	0.89 J	16	ug/kg	SW846 8260B
Toluene	1.0 J	4.1	ug/kg	SW846 8260B
Xylenes (total)	0.63 J	8.2	ug/kg	SW846 8260B
Cyanide, Total	1.2	0.22	mg/kg	SW846 9012A
Percent Solids	90.4	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A8C060203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030508-MC-BH7008 03/05/08 15:00 003				
Trivalent Chromium	0.68	0.49	mg/kg	SW846 7196A
Silver	2.1	0.097	mg/kg	SW846 6020
Arsenic	4.4	0.097	mg/kg	SW846 6020
Selenium	0.58	0.21	mg/kg	SW846 6020
Thallium	0.13 J	0.097	mg/kg	SW846 6020
Zinc	22.0	0.97	mg/kg	SW846 6020
Aluminum	2740	19.4	mg/kg	SW846 6010B
Barium	19.6 J	0.97	mg/kg	SW846 6010B
Beryllium	0.21	0.19	mg/kg	SW846 6010B
Calcium	72100 J	485	mg/kg	SW846 6010B
Cadmium	0.27	0.097	mg/kg	SW846 6010B
Cobalt	3.3	0.49	mg/kg	SW846 6010B
Chromium	8.0	0.49	mg/kg	SW846 6010B
Copper	13.5	0.97	mg/kg	SW846 6010B
Iron	8640 J	9.7	mg/kg	SW846 6010B
Potassium	569 J	485	mg/kg	SW846 6010B
Magnesium	10700 J	97.1	mg/kg	SW846 6010B
Manganese	263	0.97	mg/kg	SW846 6010B
Sodium	123	97.1	mg/kg	SW846 6010B
Nickel	9.9 J	0.97	mg/kg	SW846 6010B
Lead	4.2	0.29	mg/kg	SW846 6010B
Vanadium	9.1	0.97	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	83	61	ug/kg	SW846 8270C
Benzene	0.32 J	4.9	ug/kg	SW846 8260B
Carbon disulfide	0.78 J	4.9	ug/kg	SW846 8260B
Cyclohexane	0.67 J	9.7	ug/kg	SW846 8260B
Methylcyclohexane	1.7 J	9.7	ug/kg	SW846 8260B
Methylene chloride	1.3 J,B	4.9	ug/kg	SW846 8260B
Toluene	0.57 J	4.9	ug/kg	SW846 8260B
Trichloroethene	82	4.9	ug/kg	SW846 8260B
Hexavalent Chromium	0.68 B	0.97	mg/kg	SW846 7196A
Percent Solids	82.4	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A8C060203

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A8C060203

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KH48T	001	SO-17322-030508-MC-BH8008	03/05/08	10:40
KH484	002	SO-17322-030508-MC-BH8108	03/05/08	11:30
KH485	003	SO-17322-030508-MC-BH7008	03/05/08	15:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

GC/MS Volatiles

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T1AC **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
Prep Date.....: 03/07/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8070078
Dilution Factor: 0.77
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**6.2 J,B**	**17**	**ug/kg**	**5.5**
Benzene	**0.22 J**	**4.4**	**ug/kg**	**0.20**
Bromodichloromethane	ND	4.4	ug/kg	0.24
Bromoform	ND	4.4	ug/kg	0.29
Bromomethane	ND	4.4	ug/kg	0.47
2-Butanone	**1.9 J**	**17**	**ug/kg**	**1.2**
Carbon disulfide	ND	4.4	ug/kg	0.38
Carbon tetrachloride	ND	4.4	ug/kg	0.32
Chlorobenzene	ND	4.4	ug/kg	0.29
Dibromochloromethane	ND	4.4	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.7	ug/kg	1.1
Chloroethane	ND	4.4	ug/kg	0.75
Chloroform	ND	4.4	ug/kg	0.25
Chloromethane	ND	4.4	ug/kg	0.36
Cyclohexane	ND	8.7	ug/kg	0.29
1,2-Dibromoethane	ND	4.4	ug/kg	0.44
1,2-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.4	ug/kg	0.58
Dichlorodifluoromethane	ND	4.4	ug/kg	0.44
1,1-Dichloroethane	ND	4.4	ug/kg	0.31
1,2-Dichloroethane	ND	4.4	ug/kg	0.30
1,1-Dichloroethene	ND	4.4	ug/kg	0.45
cis-1,2-Dichloroethene	ND	4.4	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.4	ug/kg	0.36
1,2-Dichloropropane	ND	4.4	ug/kg	0.60
cis-1,3-Dichloropropene	ND	4.4	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.4	ug/kg	0.47
Ethylbenzene	ND	4.4	ug/kg	0.23
Trichlorofluoromethane	**0.66 J**	**4.4**	**ug/kg**	**0.30**
2-Hexanone	ND	17	ug/kg	0.55
Isopropylbenzene	ND	4.4	ug/kg	0.14
Methyl acetate	ND	8.7	ug/kg	1.2
Methylcyclohexane	ND	8.7	ug/kg	0.27
Methylene chloride	**0.79 J,B**	**4.4**	**ug/kg**	**0.59**
4-Methyl-2-pentanone	ND	17	ug/kg	0.47
Styrene	ND	4.4	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

GC/MS Volatiles

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.4	ug/kg	0.30
Tetrachloroethene	ND	4.4	ug/kg	0.45
Toluene	**0.62 J**	**4.4**	**ug/kg**	**0.24**
1,2,4-Trichloro-benzene	**1.4 J,B**	**4.4**	**ug/kg**	**0.24**
1,1,1-Trichloroethane	ND	4.4	ug/kg	0.49
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.34
Trichloroethene	ND	4.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.1
1,2,4-Trimethylbenzene	**14**	**4.4**	**ug/kg**	**0.57**
1,3,5-Trimethylbenzene	**3.9 J**	**4.4**	**ug/kg**	**0.22**
Vinyl chloride	ND	4.4	ug/kg	0.34
Xylenes (total)	**1.3 J**	**8.7**	**ug/kg**	**0.59**
Methyl tert-butyl ether	ND	17	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

GC/MS Volatiles

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH4841AN **Matrix.....:** SO
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
Prep Date.....: 03/07/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8070078
Dilution Factor: 0.74
% Moisture.....: 9.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**16 B**	**16**	**ug/kg**	**5.2**
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	**3.1 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	ND	4.1	ug/kg	0.36
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.2	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.34
Cyclohexane	ND	8.2	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.34
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.52
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.2	ug/kg	1.1
Methylcyclohexane	ND	8.2	ug/kg	0.25
Methylene chloride	**1.9 J,B**	**4.1**	**ug/kg**	**0.55**
4-Methyl-2-pentanone	**0.89 J**	**16**	**ug/kg**	**0.44**
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

GC/MS Volatiles

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH4841AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.43
Toluene	**1.0 J**	**4.1**	**ug/kg**	**0.22**
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	**0.63 J**	**8.2**	**ug/kg**	**0.55**
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	105	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

GC/MS Volatiles

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH4851AN **Matrix.....:** SO
Date Sampled...: 03/05/08 15:00 **Date Received..:** 03/06/08
Prep Date.....: 03/07/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8070078
Dilution Factor: 0.8
% Moisture.....: 18 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	19	ug/kg	6.1
Benzene	**0.32 J**	**4.9**	**ug/kg**	**0.22**
Bromodichloromethane	ND	4.9	ug/kg	0.27
Bromoform	ND	4.9	ug/kg	0.32
Bromomethane	ND	4.9	ug/kg	0.52
2-Butanone	ND	19	ug/kg	1.4
Carbon disulfide	**0.78 J**	**4.9**	**ug/kg**	**0.43**
Carbon tetrachloride	ND	4.9	ug/kg	0.36
Chlorobenzene	ND	4.9	ug/kg	0.32
Dibromochloromethane	ND	4.9	ug/kg	0.53
1,2-Dibromo-3-chloro-propane	ND	9.7	ug/kg	1.3
Chloroethane	ND	4.9	ug/kg	0.83
Chloroform	ND	4.9	ug/kg	0.28
Chloromethane	ND	4.9	ug/kg	0.40
Cyclohexane	**0.67 J**	**9.7**	**ug/kg**	**0.32**
1,2-Dibromoethane	ND	4.9	ug/kg	0.49
1,2-Dichlorobenzene	ND	4.9	ug/kg	0.35
1,3-Dichlorobenzene	ND	4.9	ug/kg	0.34
1,4-Dichlorobenzene	ND	4.9	ug/kg	0.64
Dichlorodifluoromethane	ND	4.9	ug/kg	0.49
1,1-Dichloroethane	ND	4.9	ug/kg	0.35
1,2-Dichloroethane	ND	4.9	ug/kg	0.33
1,1-Dichloroethene	ND	4.9	ug/kg	0.50
cis-1,2-Dichloroethene	ND	4.9	ug/kg	0.35
trans-1,2-Dichloroethene	ND	4.9	ug/kg	0.40
1,2-Dichloropropane	ND	4.9	ug/kg	0.67
cis-1,3-Dichloropropene	ND	4.9	ug/kg	0.33
trans-1,3-Dichloropropene	ND	4.9	ug/kg	0.52
Ethylbenzene	ND	4.9	ug/kg	0.25
Trichlorofluoromethane	ND	4.9	ug/kg	0.33
2-Hexanone	ND	19	ug/kg	0.61
Isopropylbenzene	ND	4.9	ug/kg	0.16
Methyl acetate	ND	9.7	ug/kg	1.4
Methylcyclohexane	**1.7 J**	**9.7**	**ug/kg**	**0.30**
Methylene chloride	**1.3 J,B**	**4.9**	**ug/kg**	**0.65**
4-Methyl-2-pentanone	ND	19	ug/kg	0.52
Styrene	ND	4.9	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

GC/MS Volatiles

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH4851AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.9	ug/kg	0.33
Tetrachloroethene	ND	4.9	ug/kg	0.50
Toluene	**0.57 J**	**4.9**	**ug/kg**	**0.26**
1,2,4-Trichloro-benzene	ND	4.9	ug/kg	0.26
1,1,1-Trichloroethane	ND	4.9	ug/kg	0.54
1,1,2-Trichloroethane	ND	4.9	ug/kg	0.38
Trichloroethene	**82**	**4.9**	**ug/kg**	**0.41**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.9	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	4.9	ug/kg	0.63
1,3,5-Trimethylbenzene	ND	4.9	ug/kg	0.24
Vinyl chloride	ND	4.9	ug/kg	0.38
Xylenes (total)	ND	9.7	ug/kg	0.65
Methyl tert-butyl ether	ND	19	ug/kg	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	101	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T1A5 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**63**	**57**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	**23**	**7.6**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	**41 J**	**57**	**ug/kg**	**22**
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	**150 J**	**230**	**ug/kg**	**24**
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	**22**	**7.6**	**ug/kg**	**1.4**
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	**22**	**7.6**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	28
Pyrene	**16**	**7.6**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	78	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	52	(26 - 110)
2,4,6-Tribromophenol	49	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH4841AG **Matrix.....:** SO
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1
% Moisture.....: 9.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**28 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	27
Chrysene	**8.8**	**7.4**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH4841AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	**10**	**7.4**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH4841AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
2-Fluorobiphenyl	52	(34 - 110)
Terphenyl-d14	66	(41 - 119)
Phenol-d5	57	(28 - 110)
2-Fluorophenol	60	(26 - 110)
2,4,6-Tribromophenol	43	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH4851AG **Matrix.....:** SO
Date Sampled...: 03/05/08 15:00 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	32
Pyridine	ND	120	ug/kg	21
Acenaphthene	ND	8.1	ug/kg	1.6
Acenaphthylene	ND	8.1	ug/kg	1.5
Acetophenone	ND	120	ug/kg	32
Anthracene	ND	8.1	ug/kg	1.6
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	ND	8.1	ug/kg	1.2
Benzo(a)pyrene	ND	8.1	ug/kg	1.6
Benzo(b)fluoranthene	ND	8.1	ug/kg	1.5
Benzo(ghi)perylene	ND	8.1	ug/kg	1.6
Benzo(k)fluoranthene	ND	8.1	ug/kg	2.1
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	61	ug/kg	28
bis(2-Chloroethoxy) methane	ND	120	ug/kg	27
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	**83**	**61**	**ug/kg**	**22**
4-Bromophenyl phenyl ether	ND	61	ug/kg	25
Butyl benzyl phthalate	ND	61	ug/kg	23
Caprolactam	ND	400	ug/kg	45
Carbazole	ND	61	ug/kg	23
4-Chloroaniline	ND	180	ug/kg	21
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	61	ug/kg	27
2-Chlorophenol	ND	61	ug/kg	32
4-Chlorophenyl phenyl ether	ND	61	ug/kg	29
Chrysene	ND	8.1	ug/kg	1.1
Dibenz(a,h)anthracene	ND	8.1	ug/kg	1.6
Dibenzofuran	ND	61	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	22
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	61	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH4851AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	61	ug/kg	25
Di-n-butyl phthalate	ND	61	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	16
2,4-Dinitrophenol	ND	400	ug/kg	100
2,4-Dinitrotoluene	ND	240	ug/kg	22
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	61	ug/kg	22
Fluoranthene	ND	8.1	ug/kg	1.5
Fluorene	ND	8.1	ug/kg	1.5
Hexachlorobenzene	ND	8.1	ug/kg	2.5
Hexachlorobutadiene	ND	61	ug/kg	32
Hexachlorocyclopentadiene	ND	400	ug/kg	19
Hexachloroethane	ND	61	ug/kg	34
Indeno(1,2,3-cd)pyrene	ND	8.1	ug/kg	1.8
Isophorone	ND	61	ug/kg	25
2-Methylnaphthalene	ND	8.1	ug/kg	1.8
2-Methylphenol	ND	240	ug/kg	34
4-Methylphenol	ND	240	ug/kg	27
Naphthalene	ND	8.1	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	27
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	32
Nitrobenzene	ND	120	ug/kg	2.7
2-Nitrophenol	ND	61	ug/kg	23
4-Nitrophenol	ND	400	ug/kg	130
N-Nitrosodi-n-propylamine	ND	61	ug/kg	28
N-Nitrosodiphenylamine	ND	61	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	100
Phenanthrene	ND	8.1	ug/kg	2.4
Phenol	ND	61	ug/kg	30
Pyrene	ND	8.1	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	30
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

GC/MS Semivolatiles

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH4851AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	44	(24 - 112)
2-Fluorobiphenyl	47	(34 - 110)
Terphenyl-d14	77	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	53	(26 - 110)
2,4,6-Tribromophenol	67	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

GC Semivolatiles

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T1A7 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 196)
Decachlorobiphenyl	90	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

GC Semivolatiles

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH4841AJ **Matrix.....:** SO
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1
% Moisture.....: 9.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	15
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	83	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

GC Semivolatiles

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH4851AJ **Matrix.....:** SO
Date Sampled...: 03/05/08 15:00 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	25
Aroclor 1221	ND	40	ug/kg	19
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	21
Aroclor 1254	ND	40	ug/kg	21
Aroclor 1260	ND	40	ug/kg	21

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(10 - 196)
Decachlorobiphenyl	92	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

TOTAL Metals

Lot-Sample #...: A8C060203-001 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8067020						
Silver	ND	0.091	mg/kg	SW846 6020	03/07-03/10/08	KH48T1A2
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**6710**	**18.2**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AE**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**4.0**	**0.091**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH48T1A0**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**44.0 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AF**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	**0.39**	**0.18**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AG**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**65700 J**	**454**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AJ**
		Dilution Factor: 1		MDL.....: 18.2		
Cadmium	**0.39**	**0.091**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AH**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**6.0**	**0.45**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**12.9**	**0.45**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**14.7**	**0.91**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AL**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**13800 J**	**9.1**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AM**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/07-03/10/08	KH48T1AD
		Dilution Factor: 1		MDL.....: 0.017		
Potassium	**1340 J**	**454**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AR**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**15500 J**	**90.8**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AN**
		Dilution Factor: 1		MDL.....: 5.8		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

TOTAL Metals

Lot-Sample #...: A8C060203-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**285**	**0.91**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AP**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**121**	**90.8**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AT**
		Dilution Factor: 1		MDL.....: 74.9		
Nickel	**16.2 J,E**	**0.91**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AQ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**6.8**	**0.27**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.034 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH48T1AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.90**	**0.19**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH48T1A1**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.18 J**	**0.091**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH48T1A3**
		Dilution Factor: 1		MDL.....: 0.015		
Vanadium	**16.2**	**0.91**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH48T1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**34.8**	**0.91**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH48T1A4**
		Dilution Factor: 1		MDL.....: 0.50		

Prep Batch #...: 8067022

Trivalent Chromium	**0.49**	**0.45**	**mg/kg**	**SW846 7196A**	**03/07/08**	**KH48T1A9**
		Dilution Factor: 1		MDL.....: 0.15		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

TOTAL Metals

Lot-Sample #...: A8C060203-002 **Matrix.....:** SO
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
% Moisture.....: 9.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8067020						
Silver	**0.055 B**	**0.089**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4841AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**6070**	**17.7**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841AQ**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**3.8**	**0.089**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4841AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**65.6 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.32**	**0.18**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**101000 J**	**2210**	**mg/kg**	**SW846 6010B**	**03/07-03/10/08**	**KH4841AV**
		Dilution Factor: 5		MDL.....: 88.5		
Cadmium	**0.31**	**0.089**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**4.0**	**0.44**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**12.1**	**0.44**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**11.6**	**0.89**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841AX**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**9780 J**	**8.9**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	03/07-03/10/08	KH4841AP
		Dilution Factor: 1		MDL.....: 0.017		
Potassium	**1280 J**	**443**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**16500 J**	**88.5**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A1**
		Dilution Factor: 1		MDL.....: 5.6		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

TOTAL Metals

Lot-Sample #...: A8C060203-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**222**	**0.89**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A2**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**323**	**88.5**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A5**
		Dilution Factor: 1		MDL.....: 73.0		
Nickel	**11.6 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**6.4**	**0.27**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.047 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4841A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.89**	**0.19**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4841AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.11 J**	**0.089**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4841AE**
		Dilution Factor: 1		MDL.....: 0.014		
Vanadium	**14.3**	**0.89**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4841A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**20.4**	**0.89**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4841AF**
		Dilution Factor: 1		MDL.....: 0.49		
Prep Batch #...: 8067022						
Trivalent Chromium	ND	0.44	mg/kg	SW846 7196A	03/07/08	KH4841AL
		Dilution Factor: 1		MDL.....: 0.14		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

TOTAL Metals

Lot-Sample #...: A8C060203-003 **Matrix.....:** SO
Date Sampled...: 03/05/08 15:00 **Date Received..:** 03/06/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8067020						
Silver	**2.1**	**0.097**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4851AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**2740**	**19.4**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AQ**
		Dilution Factor: 1		MDL.....: 11.7		
Arsenic	**4.4**	**0.097**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4851AA**
		Dilution Factor: 1		MDL.....: 0.075		
Barium	**19.6 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AR**
		Dilution Factor: 1		MDL.....: 0.086		
Beryllium	**0.21**	**0.19**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AT**
		Dilution Factor: 1		MDL.....: 0.052		
Calcium	**72100 J**	**485**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AV**
		Dilution Factor: 1		MDL.....: 19.4		
Cadmium	**0.27**	**0.097**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AU**
		Dilution Factor: 1		MDL.....: 0.044		
Cobalt	**3.3**	**0.49**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**8.0**	**0.49**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A7**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**13.5**	**0.97**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851AX**
		Dilution Factor: 1		MDL.....: 0.90		
Iron	**8640 J**	**9.7**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A0**
		Dilution Factor: 1		MDL.....: 5.9		
Mercury	ND	0.049	mg/kg	SW846 7471A	03/07-03/10/08	KH4851AP
		Dilution Factor: 1		MDL.....: 0.018		
Potassium	**569 J**	**485**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A4**
		Dilution Factor: 1		MDL.....: 7.5		
Magnesium	**10700 J**	**97.1**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A1**
		Dilution Factor: 1		MDL.....: 6.2		

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

TOTAL Metals

Lot-Sample #...: A8C060203-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**263**	**0.97**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A2**
		Dilution Factor: 1		MDL.....: 0.090		
Sodium	**123**	**97.1**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A5**
		Dilution Factor: 1		MDL.....: 80.1		
Nickel	**9.9 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A3**
		Dilution Factor: 1		MDL.....: 0.33		
Lead	**4.2**	**0.29**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A8**
		Dilution Factor: 1		MDL.....: 0.23		
Antimony	ND	0.19	mg/kg	SW846 6020	03/07-03/10/08	KH4851A9
		Dilution Factor: 1		MDL.....: 0.029		
Selenium	**0.58**	**0.21**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4851AC**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.13 J**	**0.097**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4851AE**
		Dilution Factor: 1		MDL.....: 0.016		
Vanadium	**9.1**	**0.97**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH4851A6**
		Dilution Factor: 1		MDL.....: 0.15		
Zinc	**22.0**	**0.97**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH4851AF**
		Dilution Factor: 1		MDL.....: 0.53		

Prep Batch #...: 8067022

Trivalent Chromium	**0.68**	**0.49**	**mg/kg**	**SW846 7196A**	**03/07/08**	**KH4851AL**
		Dilution Factor: 1		MDL.....: 0.16		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8008

General Chemistry

Lot-Sample #...: A8C060203-001 **Work Order #...:** KH48T **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/07/08	8067313
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.49 B**	**0.91**	**mg/kg**	**SW846 7196A**	**03/10/08**	**8070331**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/06-03/07/08**	**8066453**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH8108

General Chemistry

Lot-Sample #...: A8C060203-002 **Work Order #...:** KH484 **Matrix.....:** SO
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**1.2**	**0.22**	**mg/kg**	**SW846 9012A**	**03/07/08**	**8067313**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/10/08	8070331
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/06-03/07/08**	**8066453**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030508-MC-BH7008

General Chemistry

Lot-Sample #...: A8C060203-003 **Work Order #...:** KH485 **Matrix.....:** SO
Date Sampled...: 03/05/08 15:00 **Date Received..:** 03/06/08
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	03/07/08	8067313
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.68 B**	**0.97**	**mg/kg**	**SW846 7196A**	**03/10/08**	**8070331**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**82.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/06-03/07/08**	**8066453**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C100000-078
Prep Date.....: 03/07/08
Analysis Date..: 03/07/08 **Prep Batch #...:** 8070078
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	**7.9 J**	**20**	**ug/kg**	**SW846 8260B**
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**2.3 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**1.8 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	69	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C100000-078 KH9LL1AD-LCSD
Prep Date.....: 03/07/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8070078
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	63	ug/kg	126		SW846 8260B
	50	57	ug/kg	114	11	SW846 8260B
Benzene	**50**	**48**	**ug/kg**	**97**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**1.6**	**SW846 8260B**
Bromodichloromethane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.50	SW846 8260B
Bromoform	50	60	ug/kg	120		SW846 8260B
	50	58	ug/kg	117	3.2	SW846 8260B
Bromomethane	50	59	ug/kg	119		SW846 8260B
	50	59	ug/kg	119	0.060	SW846 8260B
2-Butanone	50	58	ug/kg	115		SW846 8260B
	50	51	ug/kg	102	13	SW846 8260B
Carbon disulfide	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.36	SW846 8260B
Carbon tetrachloride	50	54	ug/kg	107		SW846 8260B
	50	54	ug/kg	109	1.4	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**99**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**1.9**	**SW846 8260B**
Dibromochloromethane	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	1.4	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	55	ug/kg	111		SW846 8260B
	50	49	ug/kg	99	12	SW846 8260B
Chloroethane	50	81 a	ug/kg	161		SW846 8260B
	50	84 a	ug/kg	167	3.6	SW846 8260B
Chloroform	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.1	SW846 8260B
Chloromethane	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.1	SW846 8260B
Cyclohexane	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.6	SW846 8260B
1,2-Dibromoethane	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	108	2.0	SW846 8260B
1,2-Dichlorobenzene	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	99	0.52	SW846 8260B
1,3-Dichlorobenzene	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	102	1.5	SW846 8260B
1,4-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	49	ug/kg	98	2.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C100000-078 KH9LL1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	56	ug/kg	112		SW846 8260B
	50	55	ug/kg	109	2.7	SW846 8260B
1,1-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	101	0.92	SW846 8260B
1,2-Dichloroethane	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	100	1.7	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**101**		**SW846 8260B**
	50	**53**	**ug/kg**	**106**	**4.4**	**SW846 8260B**
cis-1,2-Dichloroethene	50	49	ug/kg	98		SW846 8260B
	50	51	ug/kg	101	3.7	SW846 8260B
trans-1,2-Dichloroethene	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	98	0.32	SW846 8260B
1,2-Dichloropropane	50	49	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	0.53	SW846 8260B
cis-1,3-Dichloropropene	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	103	1.8	SW846 8260B
trans-1,3-Dichloropropene	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.80	SW846 8260B
Ethylbenzene	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	105	0.72	SW846 8260B
Trichlorofluoromethane	50	64	ug/kg	129		SW846 8260B
	50	66	ug/kg	132	2.4	SW846 8260B
2-Hexanone	50	58	ug/kg	116		SW846 8260B
	50	50	ug/kg	100	15	SW846 8260B
Isopropylbenzene	50	60	ug/kg	119		SW846 8260B
	50	60	ug/kg	120	0.22	SW846 8260B
Methyl acetate	50	53	ug/kg	106		SW846 8260B
	50	47	ug/kg	95	11	SW846 8260B
Methylcyclohexane	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	101	0.67	SW846 8260B
Methylene chloride	50	45	ug/kg	89		SW846 8260B
	50	45	ug/kg	91	1.8	SW846 8260B
4-Methyl-2-pentanone	50	61	ug/kg	121		SW846 8260B
	50	52	ug/kg	104	15	SW846 8260B
Styrene	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	109	1.0	SW846 8260B
1,1,2,2-Tetrachloroethane	50	55	ug/kg	110		SW846 8260B
	50	51	ug/kg	102	7.4	SW846 8260B
Tetrachloroethene	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	107	2.5	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**99**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**0.96**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C100000-078 KH9LL1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	49	ug/kg	97		SW846 8260B
	50	47	ug/kg	93	4.0	SW846 8260B
1,1,1-Trichloroethane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.070	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	101		SW846 8260B
	50	49	ug/kg	99	2.5	SW846 8260B
Trichloroethene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**51**	**ug/kg**	**103**	**0.37**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	58	ug/kg	117		SW846 8260B
	50	58	ug/kg	115	0.89	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	105	2.1	SW846 8260B
1,3,5-Trimethylbenzene	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.35	SW846 8260B
Vinyl chloride	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	97	0.97	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	160	ug/kg	104	0.32	SW846 8260B
Methyl tert-butyl ether	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	97	0.71	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	101	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	95	(61 - 130)
Toluene-d8	95	(60 - 143)
	96	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C100000-078 KH9LL1AD-LCSD
Prep Date.....: 03/07/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8070078
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	126	(58 - 130)			SW846 8260B
	114	(58 - 130)	11	(0-30)	SW846 8260B
Benzene	**97**	**(75 - 129)**			**SW846 8260B**
	98	**(75 - 129)**	**1.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	102	(72 - 125)			SW846 8260B
	102	(72 - 125)	0.50	(0-30)	SW846 8260B
Bromoform	120	(43 - 149)			SW846 8260B
	117	(43 - 149)	3.2	(0-30)	SW846 8260B
Bromomethane	119	(24 - 152)			SW846 8260B
	119	(24 - 152)	0.060	(0-30)	SW846 8260B
2-Butanone	115	(27 - 200)			SW846 8260B
	102	(27 - 200)	13	(0-46)	SW846 8260B
Carbon disulfide	106	(50 - 137)			SW846 8260B
	106	(50 - 137)	0.36	(0-30)	SW846 8260B
Carbon tetrachloride	107	(57 - 137)			SW846 8260B
	109	(57 - 137)	1.4	(0-30)	SW846 8260B
Chlorobenzene	**99**	**(75 - 127)**			**SW846 8260B**
	101	**(75 - 127)**	**1.9**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	107	(49 - 135)			SW846 8260B
	106	(49 - 135)	1.4	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	111	(50 - 150)			SW846 8260B
	99	(50 - 150)	12	(0-30)	SW846 8260B
Chloroethane	161 a	(31 - 144)			SW846 8260B
	167 a	(31 - 144)	3.6	(0-30)	SW846 8260B
Chloroform	99	(73 - 115)			SW846 8260B
	98	(73 - 115)	1.1	(0-30)	SW846 8260B
Chloromethane	104	(15 - 136)			SW846 8260B
	103	(15 - 136)	1.1	(0-30)	SW846 8260B
Cyclohexane	100	(50 - 150)			SW846 8260B
	98	(50 - 150)	1.6	(0-20)	SW846 8260B
1,2-Dibromoethane	110	(50 - 150)			SW846 8260B
	108	(50 - 150)	2.0	(0-30)	SW846 8260B
1,2-Dichlorobenzene	99	(50 - 150)			SW846 8260B
	99	(50 - 150)	0.52	(0-30)	SW846 8260B
1,3-Dichlorobenzene	100	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.5	(0-20)	SW846 8260B
1,4-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	98	(50 - 150)	2.2	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C100000-078 KH9LL1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	112	(50 - 150)			SW846 8260B
	109	(50 - 150)	2.7	(0-20)	SW846 8260B
1,1-Dichloroethane	100	(77 - 119)			SW846 8260B
	101	(77 - 119)	0.92	(0-30)	SW846 8260B
1,2-Dichloroethane	101	(78 - 121)			SW846 8260B
	100	(78 - 121)	1.7	(0-30)	SW846 8260B
1,1-Dichloroethene	**101**	**(55 - 142)**			**SW846 8260B**
	106	**(55 - 142)**	**4.4**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	98	(77 - 114)			SW846 8260B
	101	(77 - 114)	3.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	98	(68 - 117)			SW846 8260B
	98	(68 - 117)	0.32	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(78 - 116)			SW846 8260B
	98	(78 - 116)	0.53	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	105	(71 - 125)			SW846 8260B
	103	(71 - 125)	1.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	103	(67 - 125)			SW846 8260B
	102	(67 - 125)	0.80	(0-30)	SW846 8260B
Ethylbenzene	106	(79 - 114)			SW846 8260B
	105	(79 - 114)	0.72	(0-30)	SW846 8260B
Trichlorofluoromethane	129	(50 - 150)			SW846 8260B
	132	(50 - 150)	2.4	(0-20)	SW846 8260B
2-Hexanone	116	(29 - 200)			SW846 8260B
	100	(29 - 200)	15	(0-41)	SW846 8260B
Isopropylbenzene	119	(50 - 150)			SW846 8260B
	120	(50 - 150)	0.22	(0-20)	SW846 8260B
Methyl acetate	106	(50 - 150)			SW846 8260B
	95	(50 - 150)	11	(0-20)	SW846 8260B
Methylcyclohexane	101	(50 - 150)			SW846 8260B
	101	(50 - 150)	0.67	(0-20)	SW846 8260B
Methylene chloride	89	(58 - 130)			SW846 8260B
	91	(58 - 130)	1.8	(0-30)	SW846 8260B
4-Methyl-2-pentanone	121	(68 - 142)			SW846 8260B
	104	(68 - 142)	15	(0-60)	SW846 8260B
Styrene	110	(80 - 114)			SW846 8260B
	109	(80 - 114)	1.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	110	(70 - 133)			SW846 8260B
	102	(70 - 133)	7.4	(0-30)	SW846 8260B
Tetrachloroethene	104	(72 - 120)			SW846 8260B
	107	(72 - 120)	2.5	(0-30)	SW846 8260B
Toluene	**99**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**0.96**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A8C060203 **Work Order #...:** KH9LL1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C100000-078 KH9LL1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	97	(50 - 150)			SW846 8260B
	93	(50 - 150)	4.0	(0-20)	SW846 8260B
1,1,1-Trichloroethane	104	(67 - 123)			SW846 8260B
	104	(67 - 123)	0.070	(0-30)	SW846 8260B
1,1,2-Trichloroethane	101	(82 - 116)			SW846 8260B
	99	(82 - 116)	2.5	(0-30)	SW846 8260B
Trichloroethene	**102**	**(70 - 131)**			**SW846 8260B**
	103	**(70 - 131)**	**0.37**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	117	(50 - 150)			SW846 8260B
	115	(50 - 150)	0.89	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	103	(70 - 130)			SW846 8260B
	105	(70 - 130)	2.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	106	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.35	(0-30)	SW846 8260B
Vinyl chloride	98	(24 - 152)			SW846 8260B
	97	(24 - 152)	0.97	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	104	(80 - 114)	0.32	(0-30)	SW846 8260B
Methyl tert-butyl ether	98	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.71	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	101	(59 - 138)
1,2-Dichloroethane-d4	96	(61 - 130)
	95	(61 - 130)
Toluene-d8	95	(60 - 143)
	96	(60 - 143)
4-Bromofluorobenzene	91	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C060000-406

Prep Date.....: 03/06/08
Analysis Date..: 03/07/08 **Prep Batch #...:** 8066406
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
2-Fluorobiphenyl	54	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	54	(26 - 110)
2,4,6-Tribromophenol	37	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-406
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	360	ug/kg	54	SW846 8270C
Pyridine	670	250	ug/kg	38	SW846 8270C
Acenaphthene	**670**	**360**	**ug/kg**	**53**	**SW846 8270C**
Acenaphthylene	670	360	ug/kg	54	SW846 8270C
Acetophenone	670	350	ug/kg	53	SW846 8270C
Anthracene	670	420	ug/kg	63	SW846 8270C
Atrazine	670	510	ug/kg	77	SW846 8270C
Benzo(a)anthracene	670	400	ug/kg	61	SW846 8270C
Benzo(a)pyrene	670	410	ug/kg	61	SW846 8270C
Benzo(b)fluoranthene	670	480	ug/kg	72	SW846 8270C
Benzo(ghi)perylene	670	440	ug/kg	66	SW846 8270C
Benzo(k)fluoranthene	670	390	ug/kg	59	SW846 8270C
Benzaldehyde	670	390	ug/kg	58	SW846 8270C
1,1'-Biphenyl	670	370	ug/kg	56	SW846 8270C
bis(2-Chloroethoxy) methane	670	360	ug/kg	54	SW846 8270C
bis(2-Chloroethyl)- ether	670	330	ug/kg	49	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	400	ug/kg	61	SW846 8270C
4-Bromophenyl phenyl ether	670	430	ug/kg	64	SW846 8270C
Butyl benzyl phthalate	670	410	ug/kg	61	SW846 8270C
Caprolactam	670	440	ug/kg	66	SW846 8270C
Carbazole	670	430	ug/kg	64	SW846 8270C
4-Chloroaniline	670	360	ug/kg	53	SW846 8270C
4-Chloro-3-methylphenol	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
2-Chloronaphthalene	670	350	ug/kg	53	SW846 8270C
2-Chlorophenol	**670**	**340**	**ug/kg**	**52**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	420	ug/kg	62	SW846 8270C
Chrysene	670	410	ug/kg	62	SW846 8270C
Dibenz(a,h)anthracene	670	440	ug/kg	67	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-406

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	370	ug/kg	56	SW846 8270C
3,3'-Dichlorobenzidine	670	230	ug/kg	35	SW846 8270C
2,4-Dichlorophenol	670	370	ug/kg	56	SW846 8270C
Diethyl phthalate	670	420	ug/kg	63	SW846 8270C
2,4-Dimethylphenol	670	300	ug/kg	46	SW846 8270C
Dimethyl phthalate	670	410	ug/kg	61	SW846 8270C
Di-n-butyl phthalate	670	450	ug/kg	67	SW846 8270C
4,6-Dinitro-2-methylphenol	670	190	ug/kg	29	SW846 8270C
2,4-Dinitrophenol	670	150	ug/kg	23	SW846 8270C
2,4-Dinitrotoluene	**670**	**420**	**ug/kg**	**64**	**SW846 8270C**
2,6-Dinitrotoluene	670	440	ug/kg	66	SW846 8270C
Di-n-octyl phthalate	670	400	ug/kg	59	SW846 8270C
Fluoranthene	670	450	ug/kg	68	SW846 8270C
Fluorene	670	380	ug/kg	57	SW846 8270C
Hexachlorobenzene	670	410	ug/kg	62	SW846 8270C
Hexachlorobutadiene	670	370	ug/kg	56	SW846 8270C
Hexachlorocyclopenta-diene	670	360	ug/kg	54	SW846 8270C
Hexachloroethane	670	360	ug/kg	54	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	440	ug/kg	66	SW846 8270C
Isophorone	670	370	ug/kg	55	SW846 8270C
2-Methylnaphthalene	670	370	ug/kg	56	SW846 8270C
2-Methylphenol	670	350	ug/kg	52	SW846 8270C
4-Methylphenol	670	730	ug/kg	110	SW846 8270C
Naphthalene	670	330	ug/kg	49	SW846 8270C
2-Nitroaniline	670	410	ug/kg	61	SW846 8270C
3-Nitroaniline	670	370	ug/kg	56	SW846 8270C
4-Nitroaniline	670	400	ug/kg	60	SW846 8270C
Nitrobenzene	670	360	ug/kg	54	SW846 8270C
2-Nitrophenol	670	330	ug/kg	50	SW846 8270C
4-Nitrophenol	**670**	**370**	**ug/kg**	**56**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**350**	**ug/kg**	**52**	**SW846 8270C**
N-Nitrosodiphenylamine	670	400	ug/kg	60	SW846 8270C
Pentachlorophenol	**670**	**310**	**ug/kg**	**46**	**SW846 8270C**
Phenanthrene	670	410	ug/kg	61	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-406

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**350**	**ug/kg**	**53**	**SW846 8270C**
Pyrene	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	390	ug/kg	58	SW846 8270C
2,4,6-Trichloro-phenol	670	380	ug/kg	57	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	72	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	53	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-406
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	54	(36 - 116)	SW846 8270C
Pyridine	38	(22 - 110)	SW846 8270C
Acenaphthene	**53**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	54	(47 - 110)	SW846 8270C
Acetophenone	53	(50 - 130)	SW846 8270C
Anthracene	63	(56 - 111)	SW846 8270C
Atrazine	77	(50 - 130)	SW846 8270C
Benzo(a)anthracene	61	(58 - 111)	SW846 8270C
Benzo(a)pyrene	61	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	72	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	66	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	59	(38 - 122)	SW846 8270C
Benzaldehyde	58	(10 - 130)	SW846 8270C
1,1'-Biphenyl	56	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	54	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	49	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	61	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	64	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	61	(57 - 121)	SW846 8270C
Caprolactam	66	(50 - 130)	SW846 8270C
Carbazole	64	(56 - 115)	SW846 8270C
4-Chloroaniline	53	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**60**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	53	(46 - 110)	SW846 8270C
2-Chlorophenol	**52**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	62	(53 - 110)	SW846 8270C
Chrysene	62	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	67	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-406

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	56	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	35	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	56	(40 - 110)	SW846 8270C
Diethyl phthalate	63	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	46	(28 - 110)	SW846 8270C
Dimethyl phthalate	61	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	67	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	29	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	23	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**64**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	66	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	59	(45 - 123)	SW846 8270C
Fluoranthene	68	(55 - 118)	SW846 8270C
Fluorene	57	(51 - 110)	SW846 8270C
Hexachlorobenzene	62	(51 - 110)	SW846 8270C
Hexachlorobutadiene	56	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	54	(10 - 110)	SW846 8270C
Hexachloroethane	54	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	66	(45 - 121)	SW846 8270C
Isophorone	55	(46 - 117)	SW846 8270C
2-Methylnaphthalene	56	(46 - 110)	SW846 8270C
2-Methylphenol	52	(36 - 110)	SW846 8270C
4-Methylphenol	110	(40 - 110)	SW846 8270C
Naphthalene	49	(42 - 110)	SW846 8270C
2-Nitroaniline	61	(47 - 124)	SW846 8270C
3-Nitroaniline	56	(44 - 110)	SW846 8270C
4-Nitroaniline	60	(50 - 110)	SW846 8270C
Nitrobenzene	54	(40 - 110)	SW846 8270C
2-Nitrophenol	50	(35 - 110)	SW846 8270C
4-Nitrophenol	**56**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**52**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	60	(54 - 112)	SW846 8270C
Pentachlorophenol	**46**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	61	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5QX1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-406

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**53**	**(39 - 110)**	**SW846 8270C**
Pyrene	**63**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	58	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	57	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	72	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	53	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	760	410	ug/kg	54		SW846 8270C
	ND	760	370	ug/kg	48	10	SW846 8270C
Pyridine	ND	760	270	ug/kg	36		SW846 8270C
	ND	760	240	ug/kg	32	13	SW846 8270C
Acenaphthene	**ND**	**760**	**420**	**ug/kg**	**56**		**SW846 8270C**
	ND	**760**	**410**	**ug/kg**	**54**	**2.4**	**SW846 8270C**
Acenaphthylene	ND	760	420	ug/kg	56		SW846 8270C
	ND	760	420	ug/kg	55	1.3	SW846 8270C
Acetophenone	ND	760	400	ug/kg	52		SW846 8270C
	ND	760	350	ug/kg	46 a	13	SW846 8270C
Anthracene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	480	ug/kg	64	5.4	SW846 8270C
Atrazine	ND	760	640	ug/kg	85		SW846 8270C
	ND	760	610	ug/kg	81	4.5	SW846 8270C
Benzo(a)anthracene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	470	ug/kg	63	7.3	SW846 8270C
Benzo(a)pyrene	ND	760	500	ug/kg	66		SW846 8270C
	ND	760	470	ug/kg	62	5.6	SW846 8270C
Benzo(b)fluoranthene	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	520	ug/kg	69	3.8	SW846 8270C
Benzo(ghi)perylene	ND	760	540	ug/kg	72		SW846 8270C
	ND	760	490	ug/kg	65	9.4	SW846 8270C
Benzo(k)fluoranthene	ND	760	520	ug/kg	69		SW846 8270C
	ND	760	480	ug/kg	63	8.5	SW846 8270C
Benzaldehyde	ND	760	430	ug/kg	57		SW846 8270C
	ND	760	360	ug/kg	48	18	SW846 8270C
1,1'-Biphenyl	ND	760	440	ug/kg	58		SW846 8270C
	ND	760	410	ug/kg	54	7.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	760	440	ug/kg	58		SW846 8270C
	ND	760	410	ug/kg	54	6.5	SW846 8270C
bis(2-Chloroethyl)-ether	ND	760	470	ug/kg	62		SW846 8270C
	ND	760	400	ug/kg	53	16	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	63	760	570	ug/kg	67		SW846 8270C
	63	760	540	ug/kg	63	5.1	SW846 8270C
4-Bromophenyl phenyl ether	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	500	ug/kg	66	7.9	SW846 8270C
Butyl benzyl phthalate	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	500	ug/kg	66	5.9	SW846 8270C
Caprolactam	ND	760	560	ug/kg	74		SW846 8270C
	ND	760	430	ug/kg	57	25	SW846 8270C
Carbazole	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	500	ug/kg	66	3.3	SW846 8270C
4-Chloroaniline	ND	760	360	ug/kg	48		SW846 8270C
	ND	760	320	ug/kg	43	13	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**760**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**760**	**480**	**ug/kg**	**64**	**7.2**	**SW846 8270C**
2-Chloronaphthalene	ND	760	420	ug/kg	55		SW846 8270C
	ND	760	400	ug/kg	54	2.7	SW846 8270C
2-Chlorophenol	**ND**	**760**	**400**	**ug/kg**	**53**		**SW846 8270C**
	ND	**760**	**380**	**ug/kg**	**50**	**5.7**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	490	ug/kg	65	3.7	SW846 8270C
Chrysene	23	760	520	ug/kg	66		SW846 8270C
	23	760	480	ug/kg	60	8.0	SW846 8270C
Dibenz(a,h)anthracene	ND	760	560	ug/kg	73		SW846 8270C
	ND	760	510	ug/kg	67	9.4	SW846 8270C
Dibenzofuran	ND	760	450	ug/kg	60		SW846 8270C
	ND	760	440	ug/kg	58	3.5	SW846 8270C
3,3'-Dichlorobenzidine	ND	760	290	ug/kg	39		SW846 8270C
	ND	760	300	ug/kg	40	1.9	SW846 8270C
2,4-Dichlorophenol	ND	760	480	ug/kg	64		SW846 8270C
	ND	760	450	ug/kg	59	7.6	SW846 8270C
Diethyl phthalate	ND	760	530	ug/kg	71		SW846 8270C
	ND	760	490	ug/kg	65	8.5	SW846 8270C
2,4-Dimethylphenol	ND	760	410	ug/kg	54		SW846 8270C
	ND	760	410	ug/kg	54	0.25	SW846 8270C
Dimethyl phthalate	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	480	ug/kg	63	6.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	41	760	600	ug/kg	74		SW846 8270C
	41	760	550	ug/kg	67	9.1	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	760	320	ug/kg	42		SW846 8270C
	ND	760	180	ug/kg	24 p	54	SW846 8270C
2,4-Dinitrophenol	ND	760	190	ug/kg	25		SW846 8270C
	ND	760	96	ug/kg	13 p	65	SW846 8270C
2,4-Dinitrotoluene	**ND**	**760**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**760**	**490**	**ug/kg**	**65**	**6.1**	**SW846 8270C**
2,6-Dinitrotoluene	150	760	540	ug/kg	52		SW846 8270C
	150	760	520	ug/kg	49	4.7	SW846 8270C
Di-n-octyl phthalate	ND	760	550	ug/kg	72		SW846 8270C
	ND	760	510	ug/kg	68	7.0	SW846 8270C
Fluoranthene	22	760	580	ug/kg	74		SW846 8270C
	22	760	560	ug/kg	71	3.8	SW846 8270C
Fluorene	ND	760	460	ug/kg	61		SW846 8270C
	ND	760	440	ug/kg	59	3.9	SW846 8270C
Hexachlorobenzene	ND	760	500	ug/kg	66		SW846 8270C
	ND	760	470	ug/kg	62	6.6	SW846 8270C
Hexachlorobutadiene	ND	760	430	ug/kg	57		SW846 8270C
	ND	760	400	ug/kg	52	8.2	SW846 8270C
Hexachlorocyclopenta-diene	ND	760	380	ug/kg	50		SW846 8270C
	ND	760	380	ug/kg	50	0.39	SW846 8270C
Hexachloroethane	ND	760	390	ug/kg	51		SW846 8270C
	ND	760	350	ug/kg	46	11	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	760	540	ug/kg	72		SW846 8270C
	ND	760	500	ug/kg	66	8.2	SW846 8270C
Isophorone	ND	760	450	ug/kg	60		SW846 8270C
	ND	760	420	ug/kg	56	6.8	SW846 8270C
2-Methylnaphthalene	ND	760	460	ug/kg	61		SW846 8270C
	ND	760	450	ug/kg	59	3.7	SW846 8270C
2-Methylphenol	ND	760	450	ug/kg	60		SW846 8270C
	ND	760	430	ug/kg	57	5.0	SW846 8270C
4-Methylphenol	ND	1500	900	ug/kg	60		SW846 8270C
	ND	1500	860	ug/kg	57	5.2	SW846 8270C
Naphthalene	ND	760	390	ug/kg	51		SW846 8270C
	ND	760	360	ug/kg	48	5.7	SW846 8270C
2-Nitroaniline	ND	760	490	ug/kg	65		SW846 8270C
	ND	760	460	ug/kg	61	6.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	760	460	ug/kg	60		SW846 8270C
	ND	760	440	ug/kg	59	3.3	SW846 8270C
4-Nitroaniline	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	490	ug/kg	65	3.7	SW846 8270C
Nitrobenzene	ND	760	400	ug/kg	53		SW846 8270C
	ND	760	380	ug/kg	50	6.4	SW846 8270C
2-Nitrophenol	ND	760	380	ug/kg	50		SW846 8270C
	ND	760	350	ug/kg	46	8.3	SW846 8270C
4-Nitrophenol	**ND**	**760**	**430**	**ug/kg**	**57**		**SW846 8270C**
	ND	**760**	**390**	**ug/kg**	**51**	**11**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**760**	**400**	**ug/kg**	**52**		**SW846 8270C**
	ND	**760**	**370**	**ug/kg**	**49**	**6.5**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	760	490	ug/kg	64		SW846 8270C
	ND	760	450	ug/kg	60	7.0	SW846 8270C
Pentachlorophenol	**ND**	**760**	**400**	**ug/kg**	**53**		**SW846 8270C**
	ND	**760**	**180**	**ug/kg**	**24 p**	**75**	**SW846 8270C**
Phenanthrene	22	760	490	ug/kg	62		SW846 8270C
	22	760	470	ug/kg	60	4.5	SW846 8270C
Phenol	**ND**	**760**	**420**	**ug/kg**	**55**		**SW846 8270C**
	ND	**760**	**390**	**ug/kg**	**52**	**5.2**	**SW846 8270C**
Pyrene	**16**	**760**	**510**	**ug/kg**	**65**		**SW846 8270C**
	16	**760**	**470**	**ug/kg**	**60**	**8.1**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	760	450	ug/kg	60		SW846 8270C
	ND	760	420	ug/kg	56	6.7	SW846 8270C
2,4,6-Trichloro-phenol	ND	760	470	ug/kg	62		SW846 8270C
	ND	760	410	ug/kg	55	12	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
	50	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
	54	(34 - 110)
Terphenyl-d14	75	(41 - 119)
	73	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	57	(28 - 110)
	54	(28 - 110)
2-Fluorophenol	54	(26 - 110)
	51	(26 - 110)
2,4,6-Tribromophenol	71	(10 - 118)
	66	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/07/08
Prep Batch #...: 8066406
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	54	(25 - 124)			SW846 8270C
	48	(25 - 124)	10	(0-30)	SW846 8270C
Pyridine	36	(10 - 110)			SW846 8270C
	32	(10 - 110)	13	(0-30)	SW846 8270C
Acenaphthene	**56**	**(10 - 200)**			**SW846 8270C**
	54	**(10 - 200)**	**2.4**	**(0-30)**	**SW846 8270C**
Acenaphthylene	56	(10 - 200)			SW846 8270C
	55	(10 - 200)	1.3	(0-30)	SW846 8270C
Acetophenone	52	(50 - 130)			SW846 8270C
	46 a	(50 - 130)	13	(0-30)	SW846 8270C
Anthracene	67	(10 - 200)			SW846 8270C
	64	(10 - 200)	5.4	(0-30)	SW846 8270C
Atrazine	85	(50 - 130)			SW846 8270C
	81	(50 - 130)	4.5	(0-30)	SW846 8270C
Benzo(a)anthracene	67	(10 - 200)			SW846 8270C
	63	(10 - 200)	7.3	(0-30)	SW846 8270C
Benzo(a)pyrene	66	(10 - 200)			SW846 8270C
	62	(10 - 200)	5.6	(0-30)	SW846 8270C
Benzo(b)fluoranthene	71	(10 - 200)			SW846 8270C
	69	(10 - 200)	3.8	(0-30)	SW846 8270C
Benzo(ghi)perylene	72	(10 - 200)			SW846 8270C
	65	(10 - 200)	9.4	(0-30)	SW846 8270C
Benzo(k)fluoranthene	69	(10 - 200)			SW846 8270C
	63	(10 - 200)	8.5	(0-30)	SW846 8270C
Benzaldehyde	57	(10 - 130)			SW846 8270C
	48	(10 - 130)	18	(0-30)	SW846 8270C
1,1'-Biphenyl	58	(50 - 130)			SW846 8270C
	54	(50 - 130)	7.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	58	(36 - 110)			SW846 8270C
	54	(36 - 110)	6.5	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	62	(32 - 118)			SW846 8270C
	53	(32 - 118)	16	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	67	(10 - 200)			SW846 8270C
	63	(10 - 200)	5.1	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	71	(44 - 120)			SW846 8270C
	66	(44 - 120)	7.9	(0-30)	SW846 8270C
Butyl benzyl phthalate	70	(43 - 138)			SW846 8270C
	66	(43 - 138)	5.9	(0-30)	SW846 8270C
Caprolactam	74	(50 - 130)			SW846 8270C
	57	(50 - 130)	25	(0-30)	SW846 8270C
Carbazole	68	(10 - 162)			SW846 8270C
	66	(10 - 162)	3.3	(0-30)	SW846 8270C
4-Chloroaniline	48	(11 - 110)			SW846 8270C
	43	(11 - 110)	13	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**69**	**(32 - 117)**			**SW846 8270C**
	64	**(32 - 117)**	**7.2**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	55	(40 - 110)			SW846 8270C
	54	(40 - 110)	2.7	(0-30)	SW846 8270C
2-Chlorophenol	**53**	**(32 - 110)**			**SW846 8270C**
	50	**(32 - 110)**	**5.7**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	67	(47 - 116)			SW846 8270C
	65	(47 - 116)	3.7	(0-30)	SW846 8270C
Chrysene	66	(10 - 200)			SW846 8270C
	60	(10 - 200)	8.0	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	73	(10 - 200)			SW846 8270C
	67	(10 - 200)	9.4	(0-30)	SW846 8270C
Dibenzofuran	60	(10 - 200)			SW846 8270C
	58	(10 - 200)	3.5	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	39	(10 - 110)			SW846 8270C
	40	(10 - 110)	1.9	(0-30)	SW846 8270C
2,4-Dichlorophenol	64	(33 - 110)			SW846 8270C
	59	(33 - 110)	7.6	(0-30)	SW846 8270C
Diethyl phthalate	71	(48 - 118)			SW846 8270C
	65	(48 - 118)	8.5	(0-30)	SW846 8270C
2,4-Dimethylphenol	54	(19 - 114)			SW846 8270C
	54	(19 - 114)	0.25	(0-30)	SW846 8270C
Dimethyl phthalate	67	(47 - 116)			SW846 8270C
	63	(47 - 116)	6.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	74	(31 - 145)			SW846 8270C
	67	(31 - 145)	9.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	42	(10 - 110)			SW846 8270C
	24 p	(10 - 110)	54	(0-30)	SW846 8270C
2,4-Dinitrophenol	25	(10 - 110)			SW846 8270C
	13 p	(10 - 110)	65	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**69**	**(42 - 118)**			**SW846 8270C**
	65	**(42 - 118)**	**6.1**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	52	(28 - 137)			SW846 8270C
	49	(28 - 137)	4.7	(0-30)	SW846 8270C
Di-n-octyl phthalate	72	(10 - 182)			SW846 8270C
	68	(10 - 182)	7.0	(0-30)	SW846 8270C
Fluoranthene	74	(10 - 200)			SW846 8270C
	71	(10 - 200)	3.8	(0-30)	SW846 8270C
Fluorene	61	(10 - 187)			SW846 8270C
	59	(10 - 187)	3.9	(0-30)	SW846 8270C
Hexachlorobenzene	66	(37 - 122)			SW846 8270C
	62	(37 - 122)	6.6	(0-30)	SW846 8270C
Hexachlorobutadiene	57	(30 - 110)			SW846 8270C
	52	(30 - 110)	8.2	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	50	(10 - 110)			SW846 8270C
	50	(10 - 110)	0.39	(0-30)	SW846 8270C
Hexachloroethane	51	(13 - 110)			SW846 8270C
	46	(13 - 110)	11	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	72	(10 - 200)			SW846 8270C
	66	(10 - 200)	8.2	(0-30)	SW846 8270C
Isophorone	60	(32 - 129)			SW846 8270C
	56	(32 - 129)	6.8	(0-30)	SW846 8270C
2-Methylnaphthalene	61	(10 - 200)			SW846 8270C
	59	(10 - 200)	3.7	(0-30)	SW846 8270C
2-Methylphenol	60	(19 - 124)			SW846 8270C
	57	(19 - 124)	5.0	(0-30)	SW846 8270C
4-Methylphenol	60	(27 - 116)			SW846 8270C
	57	(27 - 116)	5.2	(0-30)	SW846 8270C
Naphthalene	51	(10 - 200)			SW846 8270C
	48	(10 - 200)	5.7	(0-30)	SW846 8270C
2-Nitroaniline	65	(31 - 141)			SW846 8270C
	61	(31 - 141)	6.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	60	(24 - 110)			SW846 8270C
	59	(24 - 110)	3.3	(0-30)	SW846 8270C
4-Nitroaniline	67	(23 - 124)			SW846 8270C
	65	(23 - 124)	3.7	(0-30)	SW846 8270C
Nitrobenzene	53	(33 - 111)			SW846 8270C
	50	(33 - 111)	6.4	(0-30)	SW846 8270C
2-Nitrophenol	50	(17 - 110)			SW846 8270C
	46	(17 - 110)	8.3	(0-30)	SW846 8270C
4-Nitrophenol	**57**	**(10 - 125)**			**SW846 8270C**
	51	**(10 - 125)**	**11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**52**	**(30 - 121)**			**SW846 8270C**
	49	**(30 - 121)**	**6.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	64	(10 - 169)			SW846 8270C
	60	(10 - 169)	7.0	(0-30)	SW846 8270C
Pentachlorophenol	**53**	**(10 - 182)**			**SW846 8270C**
	24 p	**(10 - 182)**	**75**	**(0-30)**	**SW846 8270C**
Phenanthrene	62	(10 - 200)			SW846 8270C
	60	(10 - 200)	4.5	(0-30)	SW846 8270C
Phenol	**55**	**(10 - 144)**			**SW846 8270C**
	52	**(10 - 144)**	**5.2**	**(0-30)**	**SW846 8270C**
Pyrene	**65**	**(10 - 200)**			**SW846 8270C**
	60	**(10 - 200)**	**8.1**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	60	(32 - 112)			SW846 8270C
	56	(32 - 112)	6.7	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	62	(22 - 110)			SW846 8270C
	55	(22 - 110)	12	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
	50	(24 - 112)
2-Fluorobiphenyl	55	(34 - 110)
	54	(34 - 110)
Terphenyl-d14	75	(41 - 119)
	73	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH48T1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-001 KH48T1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	57	(28 - 110)
	54	(28 - 110)
2-Fluorophenol	54	(26 - 110)
	51	(26 - 110)
2,4,6-Tribromophenol	71	(10 - 118)
	66	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5RL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C060000-400
Prep Date.....: 03/06/08
Analysis Date..: 03/10/08 **Prep Batch #...:** 8066400
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 196)
Decachlorobiphenyl	98	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5RL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-400
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**270**	**ug/kg**	**81**	**SW846 8082**
Aroclor 1260	**330**	**310**	**ug/kg**	**93**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	100	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH5RL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C060000-400
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**81**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**93**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	100	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH4841CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-002 KH4841CC-MSD
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**320**	**ug/kg**	**86**		**SW846 8082**
	ND	**370**	**330**	**ug/kg**	**88**	**2.0**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**330**	**ug/kg**	**89**		**SW846 8082**
	ND	**370**	**310**	**ug/kg**	**85**	**5.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 196)
	101	(10 - 196)
Decachlorobiphenyl	94	(10 - 199)
	94	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A8C060203 **Work Order #...:** KH4841CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C060203-002 KH4841CC-MSD
Date Sampled...: 03/05/08 11:30 **Date Received..:** 03/06/08
Prep Date.....: 03/06/08 **Analysis Date..:** 03/10/08
Prep Batch #...: 8066400
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**86**	**(10 - 199)**			**SW846 8082**
	88	**(10 - 199)**	**2.0**	**(0-30)**	**SW846 8082**
Aroclor 1260	**89**	**(10 - 199)**			**SW846 8082**
	85	**(10 - 199)**	**5.1**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(10 - 196)
	101	(10 - 196)
Decachlorobiphenyl	94	(10 - 199)
	94	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8C070000-020 **Prep Batch #...:** 8067020						
Aluminum	ND	16.0	mg/kg	SW846 6010B	03/07/08	KH6JV1AC
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	03/07-03/10/08	KH6JV1AV
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	03/07-03/10/08	KH6JV1AW
		Dilution Factor: 1				
Barium	**0.12 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH6JV1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	03/07/08	KH6JV1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	03/07/08	KH6JV1AF
		Dilution Factor: 1				
Calcium	**22.8 B**	**400**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH6JV1AG**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	03/07/08	KH6JV1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	03/07/08	KH6JV1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	03/07/08	KH6JV1AJ
		Dilution Factor: 1				
Iron	**10.1**	**8.0**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH6JV1AK**
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	03/07/08	KH6JV1AU
		Dilution Factor: 1				
Magnesium	**5.7 B**	**80.0**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH6JV1AL**
		Dilution Factor: 1				
Manganese	ND	0.80	mg/kg	SW846 6010B	03/07/08	KH6JV1AM
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	03/07-03/10/08	KH6JV1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	**0.63 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH6JV1AN**
		Dilution Factor: 1				
Potassium	**30.8 B**	**400**	**mg/kg**	**SW846 6010B**	**03/07/08**	**KH6JV1AP**
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	03/07-03/10/08	KH6JV1AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	03/07-03/10/08	KH6JV1A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	03/07/08	KH6JV1AQ
		Dilution Factor: 1				
Thallium	**0.022 B**	**0.080**	**mg/kg**	**SW846 6020**	**03/07-03/10/08**	**KH6JV1A1**
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	03/07/08	KH6JV1AR
		Dilution Factor: 1				
Zinc	ND	0.80	mg/kg	SW846 6020	03/07-03/10/08	KH6JV1A2
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8C070000-020 **Prep Batch #...:** 8067020							
Mercury	0.83	0.85	mg/kg	102	SW846 7471A	03/07-03/10/08	KH6JV1A3
			Dilution Factor: 1				
Aluminum	200	175	mg/kg	87	SW846 6010B	03/07/08	KH6JV1A4
			Dilution Factor: 1				
Barium	200	178	mg/kg	89	SW846 6010B	03/07/08	KH6JV1A5
			Dilution Factor: 1				
Beryllium	5.0	4.6	mg/kg	91	SW846 6010B	03/07/08	KH6JV1A6
			Dilution Factor: 1				
Cadmium	5.0	4.4	mg/kg	88	SW846 6010B	03/07/08	KH6JV1A7
			Dilution Factor: 1				
Calcium	5000	4390	mg/kg	88	SW846 6010B	03/07/08	KH6JV1A8
			Dilution Factor: 1				
Cobalt	50.0	44.2	mg/kg	88	SW846 6010B	03/07/08	KH6JV1A9
			Dilution Factor: 1				
Copper	25.0	22.0	mg/kg	88	SW846 6010B	03/07/08	KH6JV1CA
			Dilution Factor: 1				
Iron	100	95.6	mg/kg	96	SW846 6010B	03/07/08	KH6JV1CC
			Dilution Factor: 1				
Magnesium	5000	4270	mg/kg	85	SW846 6010B	03/07/08	KH6JV1CD
			Dilution Factor: 1				
Manganese	50.0	44.5	mg/kg	89	SW846 6010B	03/07/08	KH6JV1CE
			Dilution Factor: 1				
Nickel	50.0	44.3	mg/kg	89	SW846 6010B	03/07/08	KH6JV1CF
			Dilution Factor: 1				
Potassium	5000	4300	mg/kg	86	SW846 6010B	03/07/08	KH6JV1CG
			Dilution Factor: 1				
Sodium	5000	4200	mg/kg	84	SW846 6010B	03/07/08	KH6JV1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	43.4	mg/kg	87	SW846 6010B	03/07/08	KH6JV1CJ
			Dilution Factor: 1				
Chromium	20.0	17.6	mg/kg	88	SW846 6010B	03/07/08	KH6JV1CK
			Dilution Factor: 1				
Lead	50.0	43.4	mg/kg	87	SW846 6010B	03/07/08	KH6JV1CL
			Dilution Factor: 1				
Antimony	10.0	7.0	mg/kg	70	SW846 6020	03/07-03/10/08	KH6JV1CM
			Dilution Factor: 1				
Arsenic	10.0	7.5	mg/kg	75	SW846 6020	03/07-03/10/08	KH6JV1CN
			Dilution Factor: 1				
Selenium	10.0	7.1	mg/kg	71	SW846 6020	03/07-03/10/08	KH6JV1CP
			Dilution Factor: 1				
Silver	10.0	8.1	mg/kg	81	SW846 6020	03/07-03/10/08	KH6JV1CQ
			Dilution Factor: 1				
Thallium	10.0	8.7	mg/kg	87	SW846 6020	03/07-03/10/08	KH6JV1CR
			Dilution Factor: 1				
Zinc	10.0	10.9	mg/kg	109	SW846 6020	03/07-03/10/08	KH6JV1CT
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8C070000-020 **Prep Batch #...:** 8067020					
Mercury	102	(73 - 121)	SW846 7471A	03/07-03/10/08	KH6JV1A3
		Dilution Factor: 1			
Aluminum	87	(80 - 120)	SW846 6010B	03/07/08	KH6JV1A4
		Dilution Factor: 1			
Barium	89	(80 - 120)	SW846 6010B	03/07/08	KH6JV1A5
		Dilution Factor: 1			
Beryllium	91	(80 - 120)	SW846 6010B	03/07/08	KH6JV1A6
		Dilution Factor: 1			
Cadmium	88	(80 - 120)	SW846 6010B	03/07/08	KH6JV1A7
		Dilution Factor: 1			
Calcium	88	(80 - 120)	SW846 6010B	03/07/08	KH6JV1A8
		Dilution Factor: 1			
Cobalt	88	(80 - 120)	SW846 6010B	03/07/08	KH6JV1A9
		Dilution Factor: 1			
Copper	88	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CA
		Dilution Factor: 1			
Iron	96	(73 - 137)	SW846 6010B	03/07/08	KH6JV1CC
		Dilution Factor: 1			
Magnesium	85	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CD
		Dilution Factor: 1			
Manganese	89	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CE
		Dilution Factor: 1			
Nickel	89	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CF
		Dilution Factor: 1			
Potassium	86	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CG
		Dilution Factor: 1			
Sodium	84	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CH
		Dilution Factor: 1			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	87	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CJ
		Dilution Factor: 1			
Chromium	88	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CK
		Dilution Factor: 1			
Lead	87	(80 - 120)	SW846 6010B	03/07/08	KH6JV1CL
		Dilution Factor: 1			
Antimony	70	(68 - 113)	SW846 6020	03/07-03/10/08	KH6JV1CM
		Dilution Factor: 1			
Arsenic	75	(73 - 110)	SW846 6020	03/07-03/10/08	KH6JV1CN
		Dilution Factor: 1			
Selenium	71	(65 - 97)	SW846 6020	03/07-03/10/08	KH6JV1CP
		Dilution Factor: 1			
Silver	81	(60 - 114)	SW846 6020	03/07-03/10/08	KH6JV1CQ
		Dilution Factor: 1			
Thallium	87	(71 - 110)	SW846 6020	03/07-03/10/08	KH6JV1CR
		Dilution Factor: 1			
Zinc	109	(72 - 113)	SW846 6020	03/07-03/10/08	KH6JV1CT
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C060203-001 **Prep Batch #...:** 8067020									
Aluminum									
	6710	227	8830	mg/kg			SW846 6010B	03/07/08	KH48T1CF
			Qualifiers: NC,MSB						
	6710	227	8890	mg/kg			SW846 6010B	03/07/08	KH48T1CG
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Antimony									
	0.034	11.4	2.5 N	mg/kg	22		SW846 6020	03/07-03/10/08	KH48T1DH
	0.034	11.4	2.5 N	mg/kg	22	0.13	SW846 6020	03/07-03/10/08	KH48T1DJ
			Dilution Factor: 1						
Arsenic									
	4.0	11.4	13.0	mg/kg	79		SW846 6020	03/07-03/10/08	KH48T1DK
	4.0	11.4	12.8	mg/kg	77	1.4	SW846 6020	03/07-03/10/08	KH48T1DL
			Dilution Factor: 1						
Barium									
	44.0	227	247	mg/kg	89		SW846 6010B	03/07/08	KH48T1CH
	44.0	227	248	mg/kg	90	0.48	SW846 6010B	03/07/08	KH48T1CJ
			Dilution Factor: 5						
Beryllium									
	0.39	5.7	5.6	mg/kg	92		SW846 6010B	03/07/08	KH48T1CK
	0.39	5.7	5.6	mg/kg	93	0.20	SW846 6010B	03/07/08	KH48T1CL
			Dilution Factor: 5						
Cadmium									
	0.39	5.7	5.4	mg/kg	89		SW846 6010B	03/07/08	KH48T1CM
	0.39	5.7	5.4	mg/kg	88	1.1	SW846 6010B	03/07/08	KH48T1CN
			Dilution Factor: 5						
Calcium									
	65700	5680	81500	mg/kg			SW846 6010B	03/07/08	KH48T1CP
			Qualifiers: NC,MSB						
	65700	5680	76100	mg/kg			SW846 6010B	03/07/08	KH48T1CQ
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	12.9	22.7	35.4	mg/kg	99		SW846 6010B	03/07/08	KH48T1DD
	12.9	22.7	34.6	mg/kg	96	2.0	SW846 6010B	03/07/08	KH48T1DE
			Dilution Factor: 5						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	6.0	56.8	55.0	mg/kg	86		SW846 6010B	03/07/08	KH48T1CR
	6.0	56.8	58.5	mg/kg	92	6.0	SW846 6010B	03/07/08	KH48T1CT
			Dilution Factor: 5						
Copper									
	14.7	28.4	42.1	mg/kg	96		SW846 6010B	03/07/08	KH48T1CU
	14.7	28.4	38.8	mg/kg	85	7.9	SW846 6010B	03/07/08	KH48T1CV
			Dilution Factor: 5						
Iron									
	13800	114	14900	mg/kg			SW846 6010B	03/07/08	KH48T1CW
			Qualifiers: NC,MSB						
	13800	114	14800	mg/kg			SW846 6010B	03/07/08	KH48T1CX
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Lead									
	6.8	56.8	55.9	mg/kg	87		SW846 6010B	03/07/08	KH48T1DF
	6.8	56.8	56.8	mg/kg	88	1.5	SW846 6010B	03/07/08	KH48T1DG
			Dilution Factor: 5						
Magnesium									
	15500	5680	20700	mg/kg	92		SW846 6010B	03/07/08	KH48T1C0
	15500	5680	21200	mg/kg	100	2.0	SW846 6010B	03/07/08	KH48T1C1
			Dilution Factor: 5						
Manganese									
	285	56.8	367	mg/kg			SW846 6010B	03/07/08	KH48T1C2
			Qualifiers: NC,MSB						
	285	56.8	476	mg/kg			SW846 6010B	03/07/08	KH48T1C3
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Mercury									
	ND	0.19	0.21	mg/kg	108		SW846 7471A	03/07-03/10/08	KH48T1CD
	ND	0.19	0.21	mg/kg	110	1.9	SW846 7471A	03/07-03/10/08	KH48T1CE
			Dilution Factor: 1						
Nickel									
	16.2	56.8	65.1	mg/kg	86		SW846 6010B	03/07/08	KH48T1C4
	16.2	56.8	70.0	mg/kg	95	7.3	SW846 6010B	03/07/08	KH48T1C5
			Dilution Factor: 5						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	1340	5680	6710	mg/kg	95		SW846 6010B	03/07/08	KH48T1C6
	1340	5680	6730	mg/kg	95	0.35	SW846 6010B	03/07/08	KH48T1C7
			Dilution Factor: 5						
Selenium									
	0.90	11.4	8.8	mg/kg	70		SW846 6020	03/07-03/10/08	KH48T1DM
	0.90	11.4	8.4	mg/kg	66	4.1	SW846 6020	03/07-03/10/08	KH48T1DN
			Dilution Factor: 1						
Silver									
	ND	11.4	8.4 N	mg/kg	74		SW846 6020	03/07-03/10/08	KH48T1DP
	ND	11.4	7.8 N	mg/kg	69	6.7	SW846 6020	03/07-03/10/08	KH48T1DQ
			Dilution Factor: 1						
Sodium									
	121	5680	5050	mg/kg	87		SW846 6010B	03/07/08	KH48T1C8
	121	5680	4950	mg/kg	85	1.9	SW846 6010B	03/07/08	KH48T1C9
			Dilution Factor: 5						
Thallium									
	0.18	11.4	9.9	mg/kg	86		SW846 6020	03/07-03/10/08	KH48T1DR
	0.18	11.4	9.9	mg/kg	85	0.44	SW846 6020	03/07-03/10/08	KH48T1DT
			Dilution Factor: 1						
Vanadium									
	16.2	56.8	68.6	mg/kg	92		SW846 6010B	03/07/08	KH48T1DA
	16.2	56.8	68.8	mg/kg	93	0.37	SW846 6010B	03/07/08	KH48T1DC
			Dilution Factor: 5						
Zinc									
	34.8	11.4	45.0	mg/kg	90		SW846 6020	03/07-03/10/08	KH48T1DU
	34.8	11.4	40.4	mg/kg	49	11	SW846 6020	03/07-03/10/08	KH48T1DV
			Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C060203-001 **Prep Batch #...:** 8067020							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	03/07/08	KH48T1CF
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/07/08	KH48T1CG
		Dilution Factor: 5					
Antimony	22 N	(75 - 125)			SW846 6020	03/07-03/10/08	KH48T1DH
	22 N	(75 - 125)	0.13	(0-20)	SW846 6020	03/07-03/10/08	KH48T1DJ
		Dilution Factor: 1					
Arsenic	79	(23 - 131)			SW846 6020	03/07-03/10/08	KH48T1DK
	77	(23 - 131)	1.4	(0-20)	SW846 6020	03/07-03/10/08	KH48T1DL
		Dilution Factor: 1					
Barium	89	(75 - 125)			SW846 6010B	03/07/08	KH48T1CH
	90	(75 - 125)	0.48	(0-20)	SW846 6010B	03/07/08	KH48T1CJ
		Dilution Factor: 5					
Beryllium	92	(75 - 125)			SW846 6010B	03/07/08	KH48T1CK
	93	(75 - 125)	0.20	(0-20)	SW846 6010B	03/07/08	KH48T1CL
		Dilution Factor: 5					
Cadmium	89	(75 - 125)			SW846 6010B	03/07/08	KH48T1CM
	88	(75 - 125)	1.1	(0-20)	SW846 6010B	03/07/08	KH48T1CN
		Dilution Factor: 5					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	03/07/08	KH48T1CP
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/07/08	KH48T1CQ
		Dilution Factor: 5					
Chromium	99	(75 - 125)			SW846 6010B	03/07/08	KH48T1DD
	96	(75 - 125)	2.0	(0-20)	SW846 6010B	03/07/08	KH48T1DE
		Dilution Factor: 5					
Cobalt	86	(75 - 125)			SW846 6010B	03/07/08	KH48T1CR
	92	(75 - 125)	6.0	(0-20)	SW846 6010B	03/07/08	KH48T1CT
		Dilution Factor: 5					
Copper	96	(75 - 125)			SW846 6010B	03/07/08	KH48T1CU
	85	(75 - 125)	7.9	(0-20)	SW846 6010B	03/07/08	KH48T1CV
		Dilution Factor: 5					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	03/07/08	KH48T1CW
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/07/08	KH48T1CX
		Dilution Factor: 5					
Lead	87	(75 - 125)			SW846 6010B	03/07/08	KH48T1DF
	88	(75 - 125)	1.5	(0-20)	SW846 6010B	03/07/08	KH48T1DG
		Dilution Factor: 5					
Magnesium	92	(75 - 125)			SW846 6010B	03/07/08	KH48T1C0
	100	(75 - 125)	2.0	(0-20)	SW846 6010B	03/07/08	KH48T1C1
		Dilution Factor: 5					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	03/07/08	KH48T1C2
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/07/08	KH48T1C3
		Dilution Factor: 5					
Mercury	108	(11 - 192)			SW846 7471A	03/07-03/10/08	KH48T1CD
	110	(11 - 192)	1.9	(0-20)	SW846 7471A	03/07-03/10/08	KH48T1CE
		Dilution Factor: 1					
Nickel	86	(75 - 125)			SW846 6010B	03/07/08	KH48T1C4
	95	(75 - 125)	7.3	(0-20)	SW846 6010B	03/07/08	KH48T1C5
		Dilution Factor: 5					
Potassium	95	(75 - 125)			SW846 6010B	03/07/08	KH48T1C6
	95	(75 - 125)	0.35	(0-20)	SW846 6010B	03/07/08	KH48T1C7
		Dilution Factor: 5					
Selenium	70	(39 - 116)			SW846 6020	03/07-03/10/08	KH48T1DM
	66	(39 - 116)	4.1	(0-20)	SW846 6020	03/07-03/10/08	KH48T1DN
		Dilution Factor: 1					
Silver	74 N	(75 - 125)			SW846 6020	03/07-03/10/08	KH48T1DP
	69 N	(75 - 125)	6.7	(0-20)	SW846 6020	03/07-03/10/08	KH48T1DQ
		Dilution Factor: 1					
Sodium	87	(75 - 125)			SW846 6010B	03/07/08	KH48T1C8
	85	(75 - 125)	1.9	(0-20)	SW846 6010B	03/07/08	KH48T1C9
		Dilution Factor: 5					
Thallium	86	(62 - 110)			SW846 6020	03/07-03/10/08	KH48T1DR
	85	(62 - 110)	0.44	(0-20)	SW846 6020	03/07-03/10/08	KH48T1DT
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A8C060203 **Matrix.....:** SO
Date Sampled...: 03/05/08 10:40 **Date Received..:** 03/06/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	92	(75 - 125)			SW846 6010B	03/07/08	KH48T1DA
	93	(75 - 125)	0.37	(0-20)	SW846 6010B	03/07/08	KH48T1DC
		Dilution Factor: 5					
Zinc	90	(10 - 199)			SW846 6020	03/07-03/10/08	KH48T1DU
	49	(10 - 199)	11	(0-20)	SW846 6020	03/07-03/10/08	KH48T1DV
		Dilution Factor: 1					

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KH75J1AA		MB Lot-Sample #:	A8C070000-313	
	ND	0.20	mg/kg	SW846 9012A	03/07/08	8067313
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KJAK31AA		MB Lot-Sample #:	A8C100000-331	
	ND	0.80	mg/kg	SW846 7196A	03/10/08	8070331
		Dilution Factor: 1				
Percent Solids		Work Order #: KH5XE1AA		MB Lot-Sample #:	A8C060000-453	
	ND	10.0	%	MCAWW 160.3 MOD	03/06-03/07/08	8066453
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KH75J1AC		LCS Lot-Sample#: A8C070000-313			
	33.0	24.5	mg/kg	74	SW846 9012A	03/07/08	8067313
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KJAK31AC		LCS Lot-Sample#: A8C100000-331			
	644	880	mg/kg	137	SW846 7196A	03/10/08	8070331
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C060203 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KH75J1AC	LCS Lot-Sample#: A8C070000-313		
	74	(68 - 123)	SW846 9012A	03/07/08	8067313
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KJAK31AC	LCS Lot-Sample#: A8C100000-331		
	137	(10 - 200)	SW846 7196A	03/10/08	8070331
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A8C060203 **Matrix.....:** SOLID
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
							% Moisture.....: 15		
Total Cyanide			WO#: KH4TQ1AD-MS/KH4TQ1AE-MSD				MS Lot-Sample #: A8C060150-001		
	ND	2.0	1.7	mg/kg	84		SW846 9012A	03/07/08	8067312
	ND	2.0	1.7	mg/kg	87	3.6	SW846 9012A	03/07/08	8067312
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C060203 **Matrix.....:** SOLID
Date Sampled...: 03/03/08 **Date Received..:** 03/06/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
						% Moisture.....: 15	
Total Cyanide		WO#: KH4TQ1AD-MS/KH4TQ1AE-MSD				MS Lot-Sample #: A8C060150-001	
	84	(50 - 134)			SW846 9012A	03/07/08	8067312
	87	(50 - 134)	3.6	(0-20)	SW846 9012A	03/07/08	8067312
		Dilution Factor: 1					

NOTE(S):

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

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C060203 **Work Order #...:** KH485-SMP **Matrix.....:** SO
KH485-DUP
Date Sampled...: 03/05/08 15:00 **Date Received..:** 03/06/08
% Moisture.....: 18

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C060203-003		
	82.4	80.7	%	2.1	(0-20)	MCAWW 160.3 MOD	03/06-03/07/08	8066453

Dilution Factor: 1

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

REVISED

PROJECT NO. 17322

GM VALIDATION SSOW# E111021
SDG #: 8C11158

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May 27, 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

8C11158

The following report contains the analytical results for fifty solid samples, two water samples and six quality control samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM Validation SSOW# E111021 Site, project number 17322. The samples were received March 11, 12, 13, 14, 15, 2008, according to documented sample acceptance procedures. A revised chain of custody was received on March 12 and 13, 2008.

This SDG consists of (5) laboratory ID's: A8C110158, A8C120185, A8C130160, A8C140235, and A8C150172.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

Any reference within this document to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.)

All solid sample results are reported on an "as received" basis unless otherwise indicated by a dry weight adjustment footnote at the bottom of the analytical report page. The list of parameters which are never reported on a dry weight basis is included on the Sample Summary.

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.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

CASE NARRATIVE (continued)

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The coolers were received at temperatures ranging from 0.6 to 4.3°C.

See TestAmerica's Cooler Receipt Form for additional information.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

Sample(s) SO-17322-031308-CB-053 had elevated reporting limits due to TICs.

The matrix spike/matrix spike duplicate(s) for SO-17322-031108-CB-015 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 8078216, 8077283 and 8079248 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Sample(s) SO-17322-031008-CB-005 and SO-17322-031208-CB-050 was reported as a methanol preserved sample because both low-level samples did not purge properly. The low-level samples did not purge properly, because the vials probably were not sealed properly when the sample was collected.

CASE NARRATIVE (continued)

GC/MS VOLATILES (continued)

The internal standard areas were outside acceptance limits for sample(s) SO-17322-031008-CB-007 due to matrix effects. (Refer to IS report following this Case Narrative for additional detail.)

The internal standard areas were outside acceptance limits for sample(s) SO-17322-031208-CB-043. Due to insufficient sample volume, repreparation and reanalysis could not occur.

For sample(s) WG-17322-031008-MC-002, the dilution made did not place compounds in the upper half of the calibration range. Acetone is in the lower half for this sample because only one (1) vial was received; therefore, reanalysis is not possible.

For sample(s) SO-17322-031208-CB-040, a client specific matrix spike/matrix spike duplicate was to be analyzed with this sample. On March 15, 2008 this sample and matrix spike/matrix spike duplicate were analyzed. This sample and matrix spike were within acceptance criteria, but the matrix spike duplicate did not purge. On March 17, 2008 this sample and matrix spike/matrix spike duplicate were reanalyzed. Again, this sample and matrix spike were within acceptance criteria, but the matrix spike duplicate did not purge. The original analysis data of March 15, 2008 was reported and the matrix spike duplicate was reported as “NA” for each compound. Additional analyses could not be performed due to insufficient sample.

Surrogate recoveries were outside criteria for sample(s) SO-17322-031208-CB-043. Due to insufficient sample volume, re-preparation and reanalysis could not occur.

GC/MS SEMIVOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES (continued)

The matrix spike/matrix spike duplicate(s) for SO-17322-031008-CB-003, SO-17322-031208-CB-040, SO-17322-031408-CB-062 and SO-17322-031108-CB-015 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 8078245 and 8080046 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Batch(es) 8073304 had recoveries and/or RPD’s out high in the LCS. Since there were no hits for 1,4-Dichlorobenzene detected in any of the associated samples, no corrective action was necessary.

Sample(s) SO-17322-031308-CB-061 and SO-17322-031408-CB-062 had elevated reporting limits due to matrix interferences.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for SO-17322-031308-CB-053 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

CASE NARRATIVE (continued)

METALS (continued)

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for SO-17322-030708-MC-003, SO-17322-031108-CB-015, SO-17322-031208-CB-040 and SO-17322-031408-CB-062 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

The matrix spike/matrix spike duplicate(s) for SO-17322-030708-MC-003, SO-17322-031108-CB-015, SO-17322-031208-CB-040 and SO-17322-031408-CB-062 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

No ICP Trace Form IX was provided for batch(es) 8074028 and 8077030. The serial dilutions were performed on a different sample from the same QC batch(es).

No ICP MS Form IX was provided for batch(es) 8074028 and 8077030. The serial dilutions were performed on a different sample from the same QC batch(es).

Some reporting limits are lower than our standard reporting limit (SRL) but are supported by the laboratory's MDL and/or IDLs; however, there are no standards in the calibration curve low enough to support these value(s). The continuing calibration blanks and method blanks may not support the lower RL.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analytes(s).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

□(s10H
Data File: \\cansvr11\dd\chem\MSV\a3ux8a.i\M80317A.b\UX88757.D
Report Date: 17-Mar-2008 17:24

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux8a.i
Lab File ID: UX88757.D
Lab Smp Id: KJCQF1A1
Analysis Type: VOA
Quant Type: ISTD
Operator: 402279
Method File: \\cansvr11\dd\chem\MSV\a3ux8a.i\M80317A.b\8260SUX8.m
Misc Info: M80317A,8260SUX8,1-8260GM+.SUB,402279

Calibration Date: 17-MAR-2008
Calibration Time: 13:04
Client Smp ID: SO-17322-031008-CB-
Level: LOW
Sample Type: SOIL

		AREA LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Fluorobenzene	956321	478161	1912642	802979	-16.03
2 Chlorobenzene-d5	667136	333568	1334272	432834	-35.12
3 1,4-Dichlorobenze	311020	155510	622040	115741	-62.79<-

		RT LIMIT			
COMPOUND	STANDARD	LOWER	UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.31	4.81	5.81	5.31	-0.01
2 Chlorobenzene-d5	7.85	7.35	8.35	7.85	0.07
3 1,4-Dichlorobenze	10.04	9.54	10.54	10.04	-0.01

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030608-MC-001 03/06/08 14:15 001				
Trivalent Chromium	9.2	0.44	mg/kg	SW846 7196A
Arsenic	4.7	0.088	mg/kg	SW846 6020
Antimony	0.053 B	0.18	mg/kg	SW846 6020
Selenium	0.39	0.19	mg/kg	SW846 6020
Thallium	0.17	0.088	mg/kg	SW846 6020
Zinc	33.8	0.88	mg/kg	SW846 6020
Aluminum	5240	17.6	mg/kg	SW846 6010B
Barium	38.3 J	0.88	mg/kg	SW846 6010B
Beryllium	0.28	0.18	mg/kg	SW846 6010B
Calcium	65900 J	441	mg/kg	SW846 6010B
Cadmium	0.23	0.088	mg/kg	SW846 6010B
Cobalt	5.3	0.44	mg/kg	SW846 6010B
Chromium	9.7	0.44	mg/kg	SW846 6010B
Copper	15.4	0.88	mg/kg	SW846 6010B
Iron	11800	8.8	mg/kg	SW846 6010B
Potassium	1010 J	441	mg/kg	SW846 6010B
Magnesium	10700	88.2	mg/kg	SW846 6010B
Manganese	373 J	0.88	mg/kg	SW846 6010B
Sodium	826	88.2	mg/kg	SW846 6010B
Nickel	13.9	0.88	mg/kg	SW846 6010B
Lead	6.1 J	0.26	mg/kg	SW846 6010B
Vanadium	13.7	0.88	mg/kg	SW846 6010B
Hexavalent Chromium	0.52 B,J	0.88	mg/kg	SW846 7196A
Percent Solids	90.7	10.0	%	MCAWW 160.3 MOD
SO-17322-030608-MC-002 03/06/08 14:17 002				
Trivalent Chromium	11.9	0.46	mg/kg	SW846 7196A
Arsenic	6.7	0.091	mg/kg	SW846 6020
Antimony	0.066 B	0.18	mg/kg	SW846 6020
Selenium	0.48	0.19	mg/kg	SW846 6020
Thallium	0.15	0.091	mg/kg	SW846 6020
Zinc	57.9	0.91	mg/kg	SW846 6020
Aluminum	6550	18.2	mg/kg	SW846 6010B
Barium	41.9 J	0.91	mg/kg	SW846 6010B
Beryllium	0.36	0.18	mg/kg	SW846 6010B
Calcium	74800 J	2280	mg/kg	SW846 6010B
Cadmium	0.31	0.091	mg/kg	SW846 6010B
Cobalt	6.3	0.46	mg/kg	SW846 6010B
Chromium	12.3	0.46	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030608-MC-002 03/06/08 14:17 002				
Copper	15.9	0.91	mg/kg	SW846 6010B
Iron	16600	9.1	mg/kg	SW846 6010B
Potassium	1190 J	456	mg/kg	SW846 6010B
Magnesium	11400	91.2	mg/kg	SW846 6010B
Manganese	336 J	0.91	mg/kg	SW846 6010B
Sodium	811	91.2	mg/kg	SW846 6010B
Nickel	18.1	0.91	mg/kg	SW846 6010B
Lead	7.2 J	0.27	mg/kg	SW846 6010B
Vanadium	16.1	0.91	mg/kg	SW846 6010B
Hexavalent Chromium	0.38 B,J	0.91	mg/kg	SW846 7196A
Percent Solids	87.8	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-001 03/07/08 08:15 003				
Trivalent Chromium	4.6	0.45	mg/kg	SW846 7196A
Arsenic	3.7	0.089	mg/kg	SW846 6020
Antimony	0.080 B	0.18	mg/kg	SW846 6020
Selenium	0.21	0.19	mg/kg	SW846 6020
Thallium	0.13	0.089	mg/kg	SW846 6020
Zinc	33.2	0.89	mg/kg	SW846 6020
Aluminum	1640	17.8	mg/kg	SW846 6010B
Barium	7.6 J	0.89	mg/kg	SW846 6010B
Beryllium	0.11 B	0.18	mg/kg	SW846 6010B
Calcium	37600 J	445	mg/kg	SW846 6010B
Cadmium	0.26	0.089	mg/kg	SW846 6010B
Cobalt	2.4	0.45	mg/kg	SW846 6010B
Chromium	4.6	0.45	mg/kg	SW846 6010B
Copper	8.0	0.89	mg/kg	SW846 6010B
Iron	5150	8.9	mg/kg	SW846 6010B
Potassium	371 B,J	445	mg/kg	SW846 6010B
Magnesium	7290	89.0	mg/kg	SW846 6010B
Manganese	124 J	0.89	mg/kg	SW846 6010B
Nickel	8.2	0.89	mg/kg	SW846 6010B
Lead	3.6 J	0.27	mg/kg	SW846 6010B
Vanadium	8.5	0.89	mg/kg	SW846 6010B
Percent Solids	89.9	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-002 03/07/08 08:17 004				
Trivalent Chromium	6.4	0.52	mg/kg	SW846 7196A
Silver	0.038 B	0.10	mg/kg	SW846 6020
Arsenic	6.6	0.10	mg/kg	SW846 6020
Antimony	0.16 B	0.21	mg/kg	SW846 6020
Selenium	0.71	0.22	mg/kg	SW846 6020
Thallium	0.39	0.10	mg/kg	SW846 6020
Zinc	42.9	1.0	mg/kg	SW846 6020
Aluminum	3050	20.8	mg/kg	SW846 6010B
Barium	12.9 J	1.0	mg/kg	SW846 6010B
Beryllium	0.20 B	0.21	mg/kg	SW846 6010B
Calcium	68700 J	519	mg/kg	SW846 6010B
Cadmium	0.62	0.10	mg/kg	SW846 6010B
Cobalt	5.0	0.52	mg/kg	SW846 6010B
Chromium	6.4	0.52	mg/kg	SW846 6010B
Copper	15.7	1.0	mg/kg	SW846 6010B
Iron	10600	10.4	mg/kg	SW846 6010B
Potassium	726 J	519	mg/kg	SW846 6010B
Magnesium	24900	104	mg/kg	SW846 6010B
Manganese	334 J	1.0	mg/kg	SW846 6010B
Sodium	196	104	mg/kg	SW846 6010B
Nickel	15.3 E	1.0	mg/kg	SW846 6010B
Lead	6.1 J	0.31	mg/kg	SW846 6010B
Vanadium	11.4	1.0	mg/kg	SW846 6010B
Percent Solids	77.0	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-003 03/07/08 09:00 005				
Trivalent Chromium	13.4	0.47	mg/kg	SW846 7196A
Silver	0.031 B	0.094	mg/kg	SW846 6020
Arsenic	2.7	0.094	mg/kg	SW846 6020
Antimony	0.074 B	0.19	mg/kg	SW846 6020
Selenium	0.55	0.20	mg/kg	SW846 6020
Thallium	0.22	0.094	mg/kg	SW846 6020
Zinc	33.3	0.94	mg/kg	SW846 6020
Aluminum	7820	18.8	mg/kg	SW846 6010B
Barium	42.0 J	0.94	mg/kg	SW846 6010B
Beryllium	0.41	0.19	mg/kg	SW846 6010B
Calcium	77700 J	2350	mg/kg	SW846 6010B
Cadmium	0.14	0.094	mg/kg	SW846 6010B
Cobalt	7.9	0.47	mg/kg	SW846 6010B
Chromium	14.0	0.47	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-003 03/07/08 09:00 005				
Copper	14.2	0.94	mg/kg	SW846 6010B
Iron	13300	9.4	mg/kg	SW846 6010B
Potassium	1830 J	469	mg/kg	SW846 6010B
Magnesium	14400 J	93.9	mg/kg	SW846 6010B
Manganese	350	0.94	mg/kg	SW846 6010B
Sodium	588	93.9	mg/kg	SW846 6010B
Nickel	20.9 E	0.94	mg/kg	SW846 6010B
Lead	7.0	0.28	mg/kg	SW846 6010B
Vanadium	17.7	0.94	mg/kg	SW846 6010B
Hexavalent Chromium	0.66 B,J	0.94	mg/kg	SW846 7196A
Percent Solids	85.2	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-004 03/07/08 09:20 006				
Trivalent Chromium	12.6	0.47	mg/kg	SW846 7196A
Silver	0.021 B	0.093	mg/kg	SW846 6020
Arsenic	5.8	0.093	mg/kg	SW846 6020
Antimony	0.054 B	0.19	mg/kg	SW846 6020
Selenium	0.76	0.20	mg/kg	SW846 6020
Thallium	0.19	0.093	mg/kg	SW846 6020
Zinc	47.5	0.93	mg/kg	SW846 6020
Mercury	0.048	0.047	mg/kg	SW846 7471A
Aluminum	7220	93.3	mg/kg	SW846 6010B
Barium	214 J	0.93	mg/kg	SW846 6010B
Beryllium	0.43	0.19	mg/kg	SW846 6010B
Calcium	2060 J	466	mg/kg	SW846 6010B
Cadmium	0.45	0.093	mg/kg	SW846 6010B
Cobalt	9.3	0.47	mg/kg	SW846 6010B
Chromium	12.9	0.47	mg/kg	SW846 6010B
Copper	6.1	0.93	mg/kg	SW846 6010B
Iron	20500	9.3	mg/kg	SW846 6010B
Potassium	590 J	466	mg/kg	SW846 6010B
Magnesium	1530 J	466	mg/kg	SW846 6010B
Manganese	4110	4.7	mg/kg	SW846 6010B
Sodium	248	93.3	mg/kg	SW846 6010B
Nickel	14.1	0.93	mg/kg	SW846 6010B
Lead	5.7	1.4	mg/kg	SW846 6010B
Vanadium	24.2	0.93	mg/kg	SW846 6010B
Hexavalent Chromium	0.33 B,J	0.93	mg/kg	SW846 7196A
Percent Solids	85.8	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-005 03/07/08 09:22 007				
Trivalent Chromium	11.6	0.45	mg/kg	SW846 7196A
Silver	0.026 B	0.089	mg/kg	SW846 6020
Arsenic	1.2	0.089	mg/kg	SW846 6020
Antimony	0.030 B	0.18	mg/kg	SW846 6020
Selenium	0.47	0.19	mg/kg	SW846 6020
Thallium	0.19	0.089	mg/kg	SW846 6020
Zinc	31.6	0.89	mg/kg	SW846 6020
Aluminum	6380	17.8	mg/kg	SW846 6010B
Barium	27.6 J	0.89	mg/kg	SW846 6010B
Beryllium	0.30	0.18	mg/kg	SW846 6010B
Calcium	54500 J	445	mg/kg	SW846 6010B
Cadmium	0.12	0.089	mg/kg	SW846 6010B
Cobalt	4.6	0.45	mg/kg	SW846 6010B
Chromium	11.9	0.45	mg/kg	SW846 6010B
Copper	9.0	0.89	mg/kg	SW846 6010B
Iron	9620	8.9	mg/kg	SW846 6010B
Potassium	1280 J	445	mg/kg	SW846 6010B
Magnesium	19900 J	89.1	mg/kg	SW846 6010B
Manganese	227	0.89	mg/kg	SW846 6010B
Sodium	206	89.1	mg/kg	SW846 6010B
Nickel	13.7	0.89	mg/kg	SW846 6010B
Lead	6.0	0.27	mg/kg	SW846 6010B
Vanadium	14.4	0.89	mg/kg	SW846 6010B
Hexavalent Chromium	0.26 B,J	0.89	mg/kg	SW846 7196A
Percent Solids	89.8	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-006 03/07/08 10:50 008				
Trivalent Chromium	7.4	0.44	mg/kg	SW846 7196A
Arsenic	3.6	0.087	mg/kg	SW846 6020
Antimony	0.056 B	0.17	mg/kg	SW846 6020
Selenium	0.17 B	0.19	mg/kg	SW846 6020
Thallium	0.077 B	0.087	mg/kg	SW846 6020
Zinc	18.7	0.87	mg/kg	SW846 6020
Aluminum	2120	17.4	mg/kg	SW846 6010B
Barium	4.7 J	0.87	mg/kg	SW846 6010B
Beryllium	0.096 B	0.17	mg/kg	SW846 6010B
Calcium	40400 J	436	mg/kg	SW846 6010B
Cadmium	0.082 B	0.087	mg/kg	SW846 6010B
Cobalt	2.8	0.44	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-006 03/07/08 10:50 008				
Chromium	7.6	0.44	mg/kg	SW846 6010B
Copper	6.2	0.87	mg/kg	SW846 6010B
Iron	5580	8.7	mg/kg	SW846 6010B
Potassium	281 B,J	436	mg/kg	SW846 6010B
Magnesium	9700 J	87.2	mg/kg	SW846 6010B
Manganese	184	0.87	mg/kg	SW846 6010B
Nickel	7.5	0.87	mg/kg	SW846 6010B
Lead	3.5	0.26	mg/kg	SW846 6010B
Vanadium	8.7	0.87	mg/kg	SW846 6010B
Hexavalent Chromium	0.25 B,J	0.87	mg/kg	SW846 7196A
Percent Solids	91.8	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-007 03/07/08 10:52 009				
Trivalent Chromium	13.7	0.46	mg/kg	SW846 7196A
Arsenic	3.5	0.091	mg/kg	SW846 6020
Antimony	0.067 B	0.18	mg/kg	SW846 6020
Selenium	0.44	0.19	mg/kg	SW846 6020
Thallium	0.17	0.091	mg/kg	SW846 6020
Zinc	35.9	0.91	mg/kg	SW846 6020
Aluminum	7830	18.3	mg/kg	SW846 6010B
Barium	42.3 J	0.91	mg/kg	SW846 6010B
Beryllium	0.38	0.18	mg/kg	SW846 6010B
Calcium	66300 J	457	mg/kg	SW846 6010B
Cadmium	0.21	0.091	mg/kg	SW846 6010B
Cobalt	5.0	0.46	mg/kg	SW846 6010B
Chromium	13.7	0.46	mg/kg	SW846 6010B
Copper	14.5	0.91	mg/kg	SW846 6010B
Iron	14000	9.1	mg/kg	SW846 6010B
Potassium	1800 J	457	mg/kg	SW846 6010B
Magnesium	12500 J	91.3	mg/kg	SW846 6010B
Manganese	288	0.91	mg/kg	SW846 6010B
Sodium	1210	91.3	mg/kg	SW846 6010B
Nickel	17.5	0.91	mg/kg	SW846 6010B
Lead	6.1	0.27	mg/kg	SW846 6010B
Vanadium	17.8	0.91	mg/kg	SW846 6010B
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-008 03/07/08 11:15 010				
Trivalent Chromium	8.4	0.47	mg/kg	SW846 7196A
Silver	0.028 B	0.094	mg/kg	SW846 6020
Arsenic	2.8	0.094	mg/kg	SW846 6020
Antimony	0.057 B	0.19	mg/kg	SW846 6020
Selenium	0.41	0.20	mg/kg	SW846 6020
Thallium	0.072 B	0.094	mg/kg	SW846 6020
Zinc	28.6	0.94	mg/kg	SW846 6020
Mercury	0.032 B	0.047	mg/kg	SW846 7471A
Aluminum	4950	18.8	mg/kg	SW846 6010B
Barium	44.3 J	0.94	mg/kg	SW846 6010B
Beryllium	0.26	0.19	mg/kg	SW846 6010B
Calcium	1400 J	471	mg/kg	SW846 6010B
Cadmium	0.15	0.094	mg/kg	SW846 6010B
Cobalt	5.4	0.47	mg/kg	SW846 6010B
Chromium	8.7	0.47	mg/kg	SW846 6010B
Copper	6.5	0.94	mg/kg	SW846 6010B
Iron	8700	9.4	mg/kg	SW846 6010B
Potassium	592 J	471	mg/kg	SW846 6010B
Magnesium	1260 J	94.1	mg/kg	SW846 6010B
Manganese	517	0.94	mg/kg	SW846 6010B
Sodium	515	94.1	mg/kg	SW846 6010B
Nickel	8.0	0.94	mg/kg	SW846 6010B
Lead	18.2	0.28	mg/kg	SW846 6010B
Vanadium	12.9	0.94	mg/kg	SW846 6010B
Hexavalent Chromium	0.28 B,J	0.94	mg/kg	SW846 7196A
Percent Solids	85.0	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-009 03/07/08 11:17 011				
Trivalent Chromium	14.7	0.46	mg/kg	SW846 7196A
Arsenic	4.5	0.091	mg/kg	SW846 6020
Antimony	0.064 B	0.18	mg/kg	SW846 6020
Selenium	0.47	0.19	mg/kg	SW846 6020
Thallium	0.26	0.091	mg/kg	SW846 6020
Zinc	39.1	0.91	mg/kg	SW846 6020
Mercury	0.018 B	0.046	mg/kg	SW846 7471A
Aluminum	8930	18.2	mg/kg	SW846 6010B
Barium	56.1 J	0.91	mg/kg	SW846 6010B
Beryllium	0.44	0.18	mg/kg	SW846 6010B
Calcium	79000 J	2280	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-009 03/07/08 11:17 011				
Cadmium	0.23	0.091	mg/kg	SW846 6010B
Cobalt	8.9	0.46	mg/kg	SW846 6010B
Chromium	15.3	0.46	mg/kg	SW846 6010B
Copper	17.3	0.91	mg/kg	SW846 6010B
Iron	17200	9.1	mg/kg	SW846 6010B
Potassium	1840 J	456	mg/kg	SW846 6010B
Magnesium	14500 J	91.2	mg/kg	SW846 6010B
Manganese	467	0.91	mg/kg	SW846 6010B
Sodium	861	91.2	mg/kg	SW846 6010B
Nickel	25.1	0.91	mg/kg	SW846 6010B
Lead	7.7	0.27	mg/kg	SW846 6010B
Vanadium	19.7	0.91	mg/kg	SW846 6010B
Hexavalent Chromium	0.56 B,J	0.91	mg/kg	SW846 7196A
Percent Solids	87.7	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-010 03/07/08 13:00 012				
Trivalent Chromium	5.9	0.47	mg/kg	SW846 7196A
Arsenic	3.3	0.093	mg/kg	SW846 6020
Antimony	0.053 B	0.19	mg/kg	SW846 6020
Selenium	0.41	0.20	mg/kg	SW846 6020
Thallium	0.14	0.093	mg/kg	SW846 6020
Zinc	30.1	0.93	mg/kg	SW846 6020
Mercury	0.019 B	0.047	mg/kg	SW846 7471A
Aluminum	2740	18.6	mg/kg	SW846 6010B
Barium	12.2 J	0.93	mg/kg	SW846 6010B
Beryllium	0.17 B	0.19	mg/kg	SW846 6010B
Calcium	24700 J	466	mg/kg	SW846 6010B
Cadmium	0.098	0.093	mg/kg	SW846 6010B
Cobalt	4.0	0.47	mg/kg	SW846 6010B
Chromium	5.9	0.47	mg/kg	SW846 6010B
Copper	14.1	0.93	mg/kg	SW846 6010B
Iron	8270	9.3	mg/kg	SW846 6010B
Potassium	501 J	466	mg/kg	SW846 6010B
Magnesium	4710 J	93.2	mg/kg	SW846 6010B
Manganese	374	0.93	mg/kg	SW846 6010B
Sodium	186	93.2	mg/kg	SW846 6010B
Nickel	9.8	0.93	mg/kg	SW846 6010B
Lead	6.0	0.28	mg/kg	SW846 6010B
Vanadium	8.9	0.93	mg/kg	SW846 6010B
Percent Solids	85.8	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-011 03/07/08 13:02 013				
Trivalent Chromium	11.3	0.45	mg/kg	SW846 7196A
Arsenic	5.6	0.089	mg/kg	SW846 6020
Antimony	0.060 B	0.18	mg/kg	SW846 6020
Selenium	0.36	0.19	mg/kg	SW846 6020
Thallium	0.14	0.089	mg/kg	SW846 6020
Zinc	27.3	0.89	mg/kg	SW846 6020
Aluminum	5060	17.9	mg/kg	SW846 6010B
Barium	26.1 J	0.89	mg/kg	SW846 6010B
Beryllium	0.27	0.18	mg/kg	SW846 6010B
Calcium	55500 J	446	mg/kg	SW846 6010B
Cadmium	0.20	0.089	mg/kg	SW846 6010B
Cobalt	5.0	0.45	mg/kg	SW846 6010B
Chromium	11.3	0.45	mg/kg	SW846 6010B
Copper	11.5	0.89	mg/kg	SW846 6010B
Iron	11500	8.9	mg/kg	SW846 6010B
Potassium	1020 J	446	mg/kg	SW846 6010B
Magnesium	17600 J	89.3	mg/kg	SW846 6010B
Manganese	294	0.89	mg/kg	SW846 6010B
Sodium	195	89.3	mg/kg	SW846 6010B
Nickel	13.8	0.89	mg/kg	SW846 6010B
Lead	27.6	0.27	mg/kg	SW846 6010B
Vanadium	15.8	0.89	mg/kg	SW846 6010B
Percent Solids	89.6	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-012 03/07/08 13:45 014				
Trivalent Chromium	5.7	0.41	mg/kg	SW846 7196A
Arsenic	4.1	0.083	mg/kg	SW846 6020
Antimony	0.069 B	0.17	mg/kg	SW846 6020
Selenium	0.21	0.18	mg/kg	SW846 6020
Thallium	0.11	0.083	mg/kg	SW846 6020
Zinc	22.1	0.83	mg/kg	SW846 6020
Aluminum	2430	16.5	mg/kg	SW846 6010B
Barium	12.6 J	0.83	mg/kg	SW846 6010B
Beryllium	0.14 B	0.17	mg/kg	SW846 6010B
Calcium	91300 J	2070	mg/kg	SW846 6010B
Cadmium	0.12	0.083	mg/kg	SW846 6010B
Cobalt	3.3	0.41	mg/kg	SW846 6010B
Chromium	5.7	0.41	mg/kg	SW846 6010B
Copper	8.9	0.83	mg/kg	SW846 6010B
Iron	6240	8.3	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-012 03/07/08 13:45 014				
Potassium	364 B,J	413	mg/kg	SW846 6010B
Magnesium	15200 J	82.6	mg/kg	SW846 6010B
Manganese	285	0.83	mg/kg	SW846 6010B
Sodium	224	82.6	mg/kg	SW846 6010B
Nickel	8.8	0.83	mg/kg	SW846 6010B
Lead	4.5	0.25	mg/kg	SW846 6010B
Vanadium	8.1	0.83	mg/kg	SW846 6010B
Percent Solids	96.8	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-013 03/07/08 13:47 015				
Trivalent Chromium	9.3	0.44	mg/kg	SW846 7196A
Silver	0.023 B	0.088	mg/kg	SW846 6020
Arsenic	3.5	0.088	mg/kg	SW846 6020
Antimony	0.063 B	0.18	mg/kg	SW846 6020
Selenium	0.32	0.19	mg/kg	SW846 6020
Thallium	0.17	0.088	mg/kg	SW846 6020
Zinc	25.0	0.88	mg/kg	SW846 6020
Aluminum	4580	17.6	mg/kg	SW846 6010B
Barium	22.7 J	0.88	mg/kg	SW846 6010B
Beryllium	0.22	0.18	mg/kg	SW846 6010B
Calcium	57000 J	439	mg/kg	SW846 6010B
Cadmium	0.17	0.088	mg/kg	SW846 6010B
Cobalt	5.2	0.44	mg/kg	SW846 6010B
Chromium	9.3	0.44	mg/kg	SW846 6010B
Copper	9.5	0.88	mg/kg	SW846 6010B
Iron	9920	8.8	mg/kg	SW846 6010B
Potassium	1000 J	439	mg/kg	SW846 6010B
Magnesium	18500 J	87.9	mg/kg	SW846 6010B
Manganese	231	0.88	mg/kg	SW846 6010B
Sodium	127	87.9	mg/kg	SW846 6010B
Nickel	13.2	0.88	mg/kg	SW846 6010B
Lead	4.3	0.26	mg/kg	SW846 6010B
Vanadium	16.7	0.88	mg/kg	SW846 6010B
Percent Solids	91.1	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-014 03/07/08 14:35 016				
Trivalent Chromium	14.2	0.46	mg/kg	SW846 7196A
Silver	0.019 B	0.091	mg/kg	SW846 6020
Arsenic	4.8	0.091	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-014 03/07/08 14:35 016				
Antimony	0.056 B	0.18	mg/kg	SW846 6020
Selenium	0.49	0.19	mg/kg	SW846 6020
Thallium	0.11	0.091	mg/kg	SW846 6020
Zinc	31.8	0.91	mg/kg	SW846 6020
Mercury	0.028 B	0.046	mg/kg	SW846 7471A
Aluminum	7550	18.2	mg/kg	SW846 6010B
Barium	35.9 J	0.91	mg/kg	SW846 6010B
Beryllium	0.36	0.18	mg/kg	SW846 6010B
Calcium	11400 J	456	mg/kg	SW846 6010B
Cadmium	0.22	0.091	mg/kg	SW846 6010B
Cobalt	6.9	0.46	mg/kg	SW846 6010B
Chromium	14.7	0.46	mg/kg	SW846 6010B
Copper	13.0	0.91	mg/kg	SW846 6010B
Iron	13500	9.1	mg/kg	SW846 6010B
Potassium	841 J	456	mg/kg	SW846 6010B
Magnesium	4310 J	91.2	mg/kg	SW846 6010B
Manganese	413	0.91	mg/kg	SW846 6010B
Sodium	178	91.2	mg/kg	SW846 6010B
Nickel	15.8	0.91	mg/kg	SW846 6010B
Lead	6.6	0.27	mg/kg	SW846 6010B
Vanadium	21.4	0.91	mg/kg	SW846 6010B
Hexavalent Chromium	0.54 B,J	0.91	mg/kg	SW846 7196A
Percent Solids	87.7	10.0	%	MCAWW 160.3 MOD
SO-17322-030708-MC-015 03/07/08 14:37 017				
Trivalent Chromium	13.5	0.45	mg/kg	SW846 7196A
Silver	0.019 B	0.090	mg/kg	SW846 6020
Arsenic	5.2	0.090	mg/kg	SW846 6020
Antimony	0.067 B	0.18	mg/kg	SW846 6020
Selenium	0.50	0.19	mg/kg	SW846 6020
Thallium	0.22	0.090	mg/kg	SW846 6020
Zinc	36.1	0.90	mg/kg	SW846 6020
Mercury	0.021 B	0.045	mg/kg	SW846 7471A
Aluminum	7510	18.0	mg/kg	SW846 6010B
Barium	44.5 J	0.90	mg/kg	SW846 6010B
Beryllium	0.40	0.18	mg/kg	SW846 6010B
Calcium	100000 J	2260	mg/kg	SW846 6010B
Cadmium	0.23	0.090	mg/kg	SW846 6010B
Cobalt	6.5	0.45	mg/kg	SW846 6010B
Chromium	13.5	0.45	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030708-MC-015 03/07/08 14:37 017				
Copper	17.8	0.90	mg/kg	SW846 6010B
Iron	15300	9.0	mg/kg	SW846 6010B
Potassium	1480 J	451	mg/kg	SW846 6010B
Magnesium	14900 J	90.2	mg/kg	SW846 6010B
Manganese	396	0.90	mg/kg	SW846 6010B
Nickel	18.4	0.90	mg/kg	SW846 6010B
Lead	7.3	0.27	mg/kg	SW846 6010B
Vanadium	17.7	0.90	mg/kg	SW846 6010B
Percent Solids	88.7	10.0	%	MCAWW 160.3 MOD
SO-17322-030608-MC-003 03/06/08 15:00 018				
Trivalent Chromium	8.1	0.47	mg/kg	SW846 7196A
Arsenic	2.6	0.095	mg/kg	SW846 6020
Selenium	0.38	0.20	mg/kg	SW846 6020
Thallium	0.048 B	0.095	mg/kg	SW846 6020
Zinc	19.2	0.95	mg/kg	SW846 6020
Mercury	0.018 B	0.047	mg/kg	SW846 7471A
Aluminum	4590	18.9	mg/kg	SW846 6010B
Barium	23.7 J	0.95	mg/kg	SW846 6010B
Beryllium	0.24	0.19	mg/kg	SW846 6010B
Calcium	1010 J	473	mg/kg	SW846 6010B
Cadmium	0.064 B	0.095	mg/kg	SW846 6010B
Cobalt	2.7	0.47	mg/kg	SW846 6010B
Chromium	8.4	0.47	mg/kg	SW846 6010B
Copper	6.6	0.95	mg/kg	SW846 6010B
Iron	8370	9.5	mg/kg	SW846 6010B
Potassium	370 B,J	473	mg/kg	SW846 6010B
Magnesium	1160 J	94.5	mg/kg	SW846 6010B
Manganese	55.7	0.95	mg/kg	SW846 6010B
Sodium	442	94.5	mg/kg	SW846 6010B
Nickel	8.4	0.95	mg/kg	SW846 6010B
Lead	4.0	0.28	mg/kg	SW846 6010B
Vanadium	12.4	0.95	mg/kg	SW846 6010B
Hexavalent Chromium	0.29 B,J	0.95	mg/kg	SW846 7196A
Percent Solids	84.6	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-030608-MC-004 03/06/08 15:02 019				
Trivalent Chromium	14.3	0.46	mg/kg	SW846 7196A
Silver	0.026 B	0.091	mg/kg	SW846 6020
Arsenic	4.6	0.091	mg/kg	SW846 6020
Antimony	0.066 B	0.18	mg/kg	SW846 6020
Selenium	0.53	0.19	mg/kg	SW846 6020
Thallium	0.23	0.091	mg/kg	SW846 6020
Zinc	36.5	0.91	mg/kg	SW846 6020
Mercury	0.020 B	0.046	mg/kg	SW846 7471A
Aluminum	7650	18.3	mg/kg	SW846 6010B
Barium	54.9 J	0.91	mg/kg	SW846 6010B
Beryllium	0.42	0.18	mg/kg	SW846 6010B
Calcium	95100 J	2280	mg/kg	SW846 6010B
Cadmium	0.25	0.091	mg/kg	SW846 6010B
Cobalt	13.3	0.46	mg/kg	SW846 6010B
Chromium	14.3	0.46	mg/kg	SW846 6010B
Copper	18.0	0.91	mg/kg	SW846 6010B
Iron	16200	9.1	mg/kg	SW846 6010B
Potassium	1870 J	457	mg/kg	SW846 6010B
Magnesium	14500 J	91.3	mg/kg	SW846 6010B
Manganese	583	0.91	mg/kg	SW846 6010B
Sodium	497	91.3	mg/kg	SW846 6010B
Nickel	24.9	0.91	mg/kg	SW846 6010B
Lead	8.5	0.27	mg/kg	SW846 6010B
Vanadium	19.0	0.91	mg/kg	SW846 6010B
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD
WG-17322-031008-MC-001 03/10/08 13:50 020				
Acetone	180	100	ug/L	SW846 8260B
2-Butanone	36 J	100	ug/L	SW846 8260B
2-Hexanone	3.8 J	200	ug/L	SW846 8260B
Methylene chloride	2.6 J,B	20	ug/L	SW846 8260B
4-Methyl-2-pentanone	7.6 J	200	ug/L	SW846 8260B
WG-17322-031008-MC-002 03/10/08 14:45 021				
Acetone	79	62	ug/L	SW846 8260B
2-Butanone	14 J	62	ug/L	SW846 8260B
Carbon disulfide	1.8 J	12	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.60 J	2.5	ug/L	SW846 8260B
Methylene chloride	1.3 J,B	12	ug/L	SW846 8260B
4-Methyl-2-pentanone	3.0 J	120	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
WG-17322-031008-MC-002 03/10/08 14:45 021				
Toluene	0.58 J	2.5	ug/L	SW846 8260B
Vinyl chloride	0.79 J	2.5	ug/L	SW846 8260B
TB-17322-031008-MC-005 03/10/08 024				
Acetone	1.3 J	25	ug/L	SW846 8260B
SO-17322-031008-CB-003 03/10/08 11:00 025				
Trivalent Chromium	12.9	0.47	mg/kg	SW846 7196A
Silver	0.035 B	0.094	mg/kg	SW846 6020
Arsenic	4.1	0.094	mg/kg	SW846 6020
Antimony	0.077 B	0.19	mg/kg	SW846 6020
Selenium	0.86	0.20	mg/kg	SW846 6020
Thallium	0.23	0.094	mg/kg	SW846 6020
Zinc	41.7	0.94	mg/kg	SW846 6020
Mercury	0.020 B	0.047	mg/kg	SW846 7471A
Aluminum	7110	18.9	mg/kg	SW846 6010B
Barium	35.3 J	0.94	mg/kg	SW846 6010B
Beryllium	0.37	0.19	mg/kg	SW846 6010B
Calcium	81100 J	2360	mg/kg	SW846 6010B
Cadmium	0.31	0.094	mg/kg	SW846 6010B
Cobalt	8.1	0.47	mg/kg	SW846 6010B
Chromium	12.9	0.47	mg/kg	SW846 6010B
Copper	21.0	0.94	mg/kg	SW846 6010B
Iron	18600	9.4	mg/kg	SW846 6010B
Potassium	1710 J	472	mg/kg	SW846 6010B
Magnesium	14200 J	94.3	mg/kg	SW846 6010B
Manganese	542	0.94	mg/kg	SW846 6010B
Sodium	99.4	94.3	mg/kg	SW846 6010B
Nickel	21.8	0.94	mg/kg	SW846 6010B
Lead	8.2	0.28	mg/kg	SW846 6010B
Vanadium	16.7	0.94	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	66	59	ug/kg	SW846 8270C
Methylene chloride	0.70 J,B	3.9	ug/kg	SW846 8260B
Percent Solids	84.8	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031008-CB-005 03/10/08 11:40 026				
Trivalent Chromium	13.6	0.46	mg/kg	SW846 7196A
Silver	0.026 B	0.093	mg/kg	SW846 6020
Arsenic	4.7	0.093	mg/kg	SW846 6020
Antimony	0.074 B	0.19	mg/kg	SW846 6020
Selenium	0.72	0.20	mg/kg	SW846 6020
Thallium	0.21	0.093	mg/kg	SW846 6020
Zinc	33.7	0.93	mg/kg	SW846 6020
Aluminum	6040	18.6	mg/kg	SW846 6010B
Barium	23.8 J	0.93	mg/kg	SW846 6010B
Beryllium	0.29	0.19	mg/kg	SW846 6010B
Calcium	64000 J	464	mg/kg	SW846 6010B
Cadmium	0.16	0.093	mg/kg	SW846 6010B
Cobalt	6.8	0.46	mg/kg	SW846 6010B
Chromium	13.6	0.46	mg/kg	SW846 6010B
Copper	16.9	0.93	mg/kg	SW846 6010B
Iron	12400	9.3	mg/kg	SW846 6010B
Potassium	1480 J	464	mg/kg	SW846 6010B
Magnesium	11500 J	92.8	mg/kg	SW846 6010B
Manganese	339	0.93	mg/kg	SW846 6010B
Sodium	134	92.8	mg/kg	SW846 6010B
Nickel	19.2	0.93	mg/kg	SW846 6010B
Lead	9.4	0.28	mg/kg	SW846 6010B
Vanadium	14.4	0.93	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	29 J	58	ug/kg	SW846 8270C
Percent Solids	86.2	10.0	%	MCAWW 160.3 MOD
SO-17322-031008-CB-007 03/10/08 12:35 027				
Trivalent Chromium	18.6	0.45	mg/kg	SW846 7196A
Silver	0.022 B	0.090	mg/kg	SW846 6020
Arsenic	2.5	0.090	mg/kg	SW846 6020
Antimony	0.060 B	0.18	mg/kg	SW846 6020
Selenium	0.55	0.19	mg/kg	SW846 6020
Thallium	0.21	0.090	mg/kg	SW846 6020
Zinc	39.7	0.90	mg/kg	SW846 6020
Mercury	0.025 B	0.045	mg/kg	SW846 7471A
Aluminum	9680	18.1	mg/kg	SW846 6010B
Barium	55.7 J	0.90	mg/kg	SW846 6010B
Beryllium	0.44	0.18	mg/kg	SW846 6010B
Calcium	75800 J	2260	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031008-CB-007 03/10/08 12:35 027				
Cadmium	0.25	0.090	mg/kg	SW846 6010B
Cobalt	7.1	0.45	mg/kg	SW846 6010B
Chromium	18.6	0.45	mg/kg	SW846 6010B
Copper	15.9	0.90	mg/kg	SW846 6010B
Iron	14900	9.0	mg/kg	SW846 6010B
Potassium	2390 J	451	mg/kg	SW846 6010B
Magnesium	15700 J	90.3	mg/kg	SW846 6010B
Manganese	419	0.90	mg/kg	SW846 6010B
Sodium	98.8	90.3	mg/kg	SW846 6010B
Nickel	22.2	0.90	mg/kg	SW846 6010B
Lead	7.4	0.27	mg/kg	SW846 6010B
Vanadium	20.2	0.90	mg/kg	SW846 6010B
Trichlorofluoromethane	1.2 J	4.2	ug/kg	SW846 8260B
Methylene chloride	1.0 J,B	4.2	ug/kg	SW846 8260B
Percent Solids	88.6	10.0	%	MCAWW 160.3 MOD
SO-17322-031008-CB-009 03/10/08 14:10 028				
Trivalent Chromium	14.8	0.45	mg/kg	SW846 7196A
Silver	0.019 B	0.090	mg/kg	SW846 6020
Arsenic	4.4	0.090	mg/kg	SW846 6020
Antimony	0.071 B	0.18	mg/kg	SW846 6020
Selenium	0.52	0.19	mg/kg	SW846 6020
Thallium	0.24	0.090	mg/kg	SW846 6020
Zinc	33.4	0.90	mg/kg	SW846 6020
Aluminum	7900	18.0	mg/kg	SW846 6010B
Barium	56.4 J	0.90	mg/kg	SW846 6010B
Beryllium	0.39	0.18	mg/kg	SW846 6010B
Calcium	88800 J	2240	mg/kg	SW846 6010B
Cadmium	0.25	0.090	mg/kg	SW846 6010B
Cobalt	6.6	0.45	mg/kg	SW846 6010B
Chromium	14.8	0.45	mg/kg	SW846 6010B
Copper	15.9	0.90	mg/kg	SW846 6010B
Iron	16000	9.0	mg/kg	SW846 6010B
Potassium	1790 J	449	mg/kg	SW846 6010B
Magnesium	14400 J	89.8	mg/kg	SW846 6010B
Manganese	351	0.90	mg/kg	SW846 6010B
Sodium	93.8	89.8	mg/kg	SW846 6010B
Nickel	19.5	0.90	mg/kg	SW846 6010B
Lead	6.2	0.27	mg/kg	SW846 6010B
Vanadium	20.4	0.90	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	360	56	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C110158

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031008-CB-009 03/10/08 14:10 028				
Methylene chloride	2.7 J,B	4.3	ug/kg	SW846 8260B
Percent Solids	89.1	10.0	%	MCAWW 160.3 MOD
SO-17322-031008-CB-012 03/10/08 15:20 029				
Trivalent Chromium	11.3	0.44	mg/kg	SW846 7196A
Silver	0.034 B	0.088	mg/kg	SW846 6020
Arsenic	4.7	0.088	mg/kg	SW846 6020
Antimony	0.074 B	0.18	mg/kg	SW846 6020
Selenium	0.65	0.19	mg/kg	SW846 6020
Thallium	0.23	0.088	mg/kg	SW846 6020
Zinc	79.4	0.88	mg/kg	SW846 6020
Aluminum	6250	17.6	mg/kg	SW846 6010B
Barium	29.5 J	0.88	mg/kg	SW846 6010B
Beryllium	0.33	0.18	mg/kg	SW846 6010B
Calcium	75800 J	2200	mg/kg	SW846 6010B
Cadmium	0.26	0.088	mg/kg	SW846 6010B
Cobalt	7.4	0.44	mg/kg	SW846 6010B
Chromium	11.3	0.44	mg/kg	SW846 6010B
Copper	18.0	0.88	mg/kg	SW846 6010B
Iron	13900	8.8	mg/kg	SW846 6010B
Potassium	1490 J	440	mg/kg	SW846 6010B
Magnesium	13700 J	88.1	mg/kg	SW846 6010B
Manganese	394	0.88	mg/kg	SW846 6010B
Sodium	167	88.1	mg/kg	SW846 6010B
Nickel	19.2	0.88	mg/kg	SW846 6010B
Lead	6.9	0.26	mg/kg	SW846 6010B
Vanadium	15.5	0.88	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	52 J	55	ug/kg	SW846 8270C
Methylene chloride	0.67 J,B	3.3	ug/kg	SW846 8260B
Percent Solids	90.8	10.0	%	MCAWW 160.3 MOD
TB-17322-031008-CB-001 03/10/08 030				
2-Butanone	51 J	600	ug/kg	SW846 8260B
Methylene chloride	0.81 J,B	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-015 03/11/08 08:35 001				
Trivalent Chromium	6.5	0.45	mg/kg	SW846 7196A
Silver	0.024 B	0.091	mg/kg	SW846 6020
Arsenic	6.0	0.091	mg/kg	SW846 6020
Antimony	0.063 B	0.18	mg/kg	SW846 6020
Selenium	0.48	0.19	mg/kg	SW846 6020
Thallium	0.19	0.091	mg/kg	SW846 6020
Zinc	34.7	0.91	mg/kg	SW846 6020
Aluminum	3190	18.2	mg/kg	SW846 6010B
Barium	26.0 J	0.91	mg/kg	SW846 6010B
Beryllium	0.20	0.18	mg/kg	SW846 6010B
Calcium	75200 J	2270	mg/kg	SW846 6010B
Cadmium	0.30	0.091	mg/kg	SW846 6010B
Cobalt	4.4	0.45	mg/kg	SW846 6010B
Chromium	6.5	0.45	mg/kg	SW846 6010B
Copper	18.2	0.91	mg/kg	SW846 6010B
Iron	9560	9.1	mg/kg	SW846 6010B
Potassium	819 J	454	mg/kg	SW846 6010B
Magnesium	10900	90.9	mg/kg	SW846 6010B
Manganese	286 J	0.91	mg/kg	SW846 6010B
Sodium	85.3 B	90.9	mg/kg	SW846 6010B
Nickel	11.5	0.91	mg/kg	SW846 6010B
Lead	6.1 J	0.27	mg/kg	SW846 6010B
Vanadium	10.1	0.91	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	160	57	ug/kg	SW846 8270C
Chrysene	8.3	7.6	ug/kg	SW846 8270C
Percent Solids	88.0	10.0	%	MCAWW 160.3 MOD
SO-17322-031108-CB-018 03/11/08 12:05 002				
Trivalent Chromium	12.6	0.45	mg/kg	SW846 7196A
Silver	0.018 B	0.090	mg/kg	SW846 6020
Arsenic	5.3	0.090	mg/kg	SW846 6020
Antimony	0.070 B	0.18	mg/kg	SW846 6020
Selenium	0.50	0.19	mg/kg	SW846 6020
Thallium	0.23	0.090	mg/kg	SW846 6020
Zinc	36.1	0.90	mg/kg	SW846 6020
Mercury	0.023 B	0.045	mg/kg	SW846 7471A
Aluminum	7650	17.9	mg/kg	SW846 6010B
Barium	48.5 J	0.90	mg/kg	SW846 6010B
Beryllium	0.40	0.18	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-018 03/11/08 12:05 002				
Calcium	75700 J	2240	mg/kg	SW846 6010B
Cadmium	0.28	0.090	mg/kg	SW846 6010B
Cobalt	9.1	0.45	mg/kg	SW846 6010B
Chromium	13.7	0.45	mg/kg	SW846 6010B
Copper	15.6	0.90	mg/kg	SW846 6010B
Iron	15600	9.0	mg/kg	SW846 6010B
Potassium	1690 J	449	mg/kg	SW846 6010B
Magnesium	14100	89.7	mg/kg	SW846 6010B
Manganese	495 J	0.90	mg/kg	SW846 6010B
Sodium	241	89.7	mg/kg	SW846 6010B
Nickel	21.3	0.90	mg/kg	SW846 6010B
Lead	6.8 J	0.27	mg/kg	SW846 6010B
Vanadium	17.9	0.90	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	30 J	56	ug/kg	SW846 8270C
Methylene chloride	1.6 J,B	4.0	ug/kg	SW846 8260B
Toluene	0.29 J	4.0	ug/kg	SW846 8260B
Hexavalent Chromium	1.0	0.90	mg/kg	SW846 7196A
Percent Solids	89.1	10.0	%	MCAWW 160.3 MOD
SO-17322-031108-CB-020 03/11/08 13:30 003				
Trivalent Chromium	11.4	0.44	mg/kg	SW846 7196A
Arsenic	4.2	0.089	mg/kg	SW846 6020
Antimony	0.044 B	0.18	mg/kg	SW846 6020
Selenium	0.35	0.19	mg/kg	SW846 6020
Thallium	0.13	0.089	mg/kg	SW846 6020
Zinc	27.6	0.89	mg/kg	SW846 6020
Aluminum	5250	17.7	mg/kg	SW846 6010B
Barium	34.6 J	0.89	mg/kg	SW846 6010B
Beryllium	0.27	0.18	mg/kg	SW846 6010B
Calcium	61600 J	443	mg/kg	SW846 6010B
Cadmium	0.22	0.089	mg/kg	SW846 6010B
Cobalt	5.3	0.44	mg/kg	SW846 6010B
Chromium	12.4	0.44	mg/kg	SW846 6010B
Copper	10.6	0.89	mg/kg	SW846 6010B
Iron	10900	8.9	mg/kg	SW846 6010B
Potassium	1090 J	443	mg/kg	SW846 6010B
Magnesium	18500	88.5	mg/kg	SW846 6010B
Manganese	278 J	0.89	mg/kg	SW846 6010B
Sodium	834	88.5	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-020 03/11/08 13:30 003				
Nickel	13.8	0.89	mg/kg	SW846 6010B
Lead	4.9 J	0.27	mg/kg	SW846 6010B
Vanadium	14.3	0.89	mg/kg	SW846 6010B
Diethyl phthalate	28 J,B	55	ug/kg	SW846 8270C
Fluoranthene	9.5	7.4	ug/kg	SW846 8270C
Phenanthrene	7.5	7.4	ug/kg	SW846 8270C
Pyrene	7.5	7.4	ug/kg	SW846 8270C
cis-1,2-Dichloroethene	410	44	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	48	44	ug/kg	SW846 8260B
Trichloroethene	120	44	ug/kg	SW846 8260B
Vinyl chloride	45	35	ug/kg	SW846 8260B
Hexavalent Chromium	1.1	0.89	mg/kg	SW846 7196A
Percent Solids	90.4	10.0	%	MCAWW 160.3 MOD
SO-17322-031108-CB-021 03/11/08 13:40 004				
Trivalent Chromium	10.1	0.44	mg/kg	SW846 7196A
Arsenic	4.1	0.088	mg/kg	SW846 6020
Antimony	0.041 B	0.18	mg/kg	SW846 6020
Selenium	0.30	0.19	mg/kg	SW846 6020
Thallium	0.14	0.088	mg/kg	SW846 6020
Zinc	26.7	0.88	mg/kg	SW846 6020
Mercury	0.017 B	0.044	mg/kg	SW846 7471A
Aluminum	5290	17.7	mg/kg	SW846 6010B
Barium	31.5 J	0.88	mg/kg	SW846 6010B
Beryllium	0.27	0.18	mg/kg	SW846 6010B
Calcium	57200 J	442	mg/kg	SW846 6010B
Cadmium	0.21	0.088	mg/kg	SW846 6010B
Cobalt	6.2	0.44	mg/kg	SW846 6010B
Chromium	10.4	0.44	mg/kg	SW846 6010B
Copper	11.1	0.88	mg/kg	SW846 6010B
Iron	10800	8.8	mg/kg	SW846 6010B
Potassium	1110 J	442	mg/kg	SW846 6010B
Magnesium	15300	88.3	mg/kg	SW846 6010B
Manganese	302 J	0.88	mg/kg	SW846 6010B
Sodium	874	88.3	mg/kg	SW846 6010B
Nickel	13.7	0.88	mg/kg	SW846 6010B
Lead	5.2 J	0.26	mg/kg	SW846 6010B
Vanadium	14.2	0.88	mg/kg	SW846 6010B
Fluoranthene	9.6	7.4	ug/kg	SW846 8270C
Phenanthrene	7.8	7.4	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-021 03/11/08 13:40 004				
Pyrene	8.0	7.4	ug/kg	SW846 8270C
cis-1,2-Dichloroethene	730	44	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	90	44	ug/kg	SW846 8260B
Trichloroethene	220	44	ug/kg	SW846 8260B
Vinyl chloride	66	35	ug/kg	SW846 8260B
Hexavalent Chromium	0.27 B	0.88	mg/kg	SW846 7196A
Percent Solids	90.6	10.0	%	MCAWW 160.3 MOD
SO-17322-031108-CB-023 03/11/08 14:15 005				
Trivalent Chromium	11.7	0.46	mg/kg	SW846 7196A
Arsenic	7.4	0.091	mg/kg	SW846 6020
Antimony	0.049 B	0.18	mg/kg	SW846 6020
Selenium	0.37	0.19	mg/kg	SW846 6020
Thallium	0.12	0.091	mg/kg	SW846 6020
Zinc	28.6	0.91	mg/kg	SW846 6020
Mercury	0.019 B	0.046	mg/kg	SW846 7471A
Aluminum	6790	18.3	mg/kg	SW846 6010B
Barium	43.6 J	0.91	mg/kg	SW846 6010B
Beryllium	0.36	0.18	mg/kg	SW846 6010B
Calcium	63300 J	456	mg/kg	SW846 6010B
Cadmium	0.23	0.091	mg/kg	SW846 6010B
Cobalt	6.8	0.46	mg/kg	SW846 6010B
Chromium	12.8	0.46	mg/kg	SW846 6010B
Copper	13.8	0.91	mg/kg	SW846 6010B
Iron	13700	9.1	mg/kg	SW846 6010B
Potassium	1250 J	456	mg/kg	SW846 6010B
Magnesium	14300	91.3	mg/kg	SW846 6010B
Manganese	308 J	0.91	mg/kg	SW846 6010B
Sodium	256	91.3	mg/kg	SW846 6010B
Nickel	16.3	0.91	mg/kg	SW846 6010B
Lead	5.5 J	0.27	mg/kg	SW846 6010B
Vanadium	17.6	0.91	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	30 J	57	ug/kg	SW846 8270C
Acetone	13 J	16	ug/kg	SW846 8260B
2-Butanone	3.0 J	16	ug/kg	SW846 8260B
Methylene chloride	0.89 J,B	4.1	ug/kg	SW846 8260B
Hexavalent Chromium	1.2	0.91	mg/kg	SW846 7196A
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-024 03/11/08 15:00 006				
Trivalent Chromium	4.7	0.43	mg/kg	SW846 7196A
Silver	0.019 B	0.087	mg/kg	SW846 6020
Arsenic	5.1	0.087	mg/kg	SW846 6020
Antimony	0.098 B	0.17	mg/kg	SW846 6020
Selenium	0.31	0.18	mg/kg	SW846 6020
Thallium	0.22	0.087	mg/kg	SW846 6020
Zinc	40.9	0.87	mg/kg	SW846 6020
Aluminum	2930	17.4	mg/kg	SW846 6010B
Barium	17.1 J	0.87	mg/kg	SW846 6010B
Beryllium	0.21	0.17	mg/kg	SW846 6010B
Calcium	45600 J	435	mg/kg	SW846 6010B
Cadmium	0.30	0.087	mg/kg	SW846 6010B
Cobalt	4.3	0.43	mg/kg	SW846 6010B
Chromium	6.5	0.43	mg/kg	SW846 6010B
Copper	9.6	0.87	mg/kg	SW846 6010B
Iron	7900	8.7	mg/kg	SW846 6010B
Potassium	639 J	435	mg/kg	SW846 6010B
Magnesium	11800	87.0	mg/kg	SW846 6010B
Manganese	250 J	0.87	mg/kg	SW846 6010B
Nickel	11.2	0.87	mg/kg	SW846 6010B
Lead	5.9 J	0.26	mg/kg	SW846 6010B
Vanadium	9.9	0.87	mg/kg	SW846 6010B
Benzo(a)anthracene	8.8	7.3	ug/kg	SW846 8270C
Benzo(a)pyrene	8.1	7.3	ug/kg	SW846 8270C
Benzo(b)fluoranthene	8.6	7.3	ug/kg	SW846 8270C
Benzo(ghi)perylene	8.8	7.3	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	28 J	54	ug/kg	SW846 8270C
Chrysene	12	7.3	ug/kg	SW846 8270C
Fluoranthene	14	7.3	ug/kg	SW846 8270C
Pyrene	13	7.3	ug/kg	SW846 8270C
1,1-Dichloroethene	3.4 J	6.4	ug/kg	SW846 8260B
Methylene chloride	2.3 J,B	6.4	ug/kg	SW846 8260B
Hexavalent Chromium	1.8	0.87	mg/kg	SW846 7196A
Percent Solids	92.0	10.0	%	MCAWW 160.3 MOD
SO-17322-031108-CB-025 03/11/08 15:05 007				
Trivalent Chromium	5.0	0.44	mg/kg	SW846 7196A
Arsenic	6.4	0.088	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-025 03/11/08 15:05 007				
Antimony	0.081 B	0.18	mg/kg	SW846 6020
Selenium	0.33	0.19	mg/kg	SW846 6020
Thallium	0.22	0.088	mg/kg	SW846 6020
Zinc	90.6	0.88	mg/kg	SW846 6020
Mercury	0.017 B	0.044	mg/kg	SW846 7471A
Aluminum	3450	17.5	mg/kg	SW846 6010B
Barium	17.4 J	0.88	mg/kg	SW846 6010B
Beryllium	0.22	0.18	mg/kg	SW846 6010B
Calcium	37500 J	439	mg/kg	SW846 6010B
Cadmium	0.36	0.088	mg/kg	SW846 6010B
Cobalt	4.8	0.44	mg/kg	SW846 6010B
Chromium	7.1	0.44	mg/kg	SW846 6010B
Copper	12.7	0.88	mg/kg	SW846 6010B
Iron	9870	8.8	mg/kg	SW846 6010B
Potassium	683 J	439	mg/kg	SW846 6010B
Magnesium	11400	87.7	mg/kg	SW846 6010B
Manganese	228 J	0.88	mg/kg	SW846 6010B
Nickel	13.3	0.88	mg/kg	SW846 6010B
Lead	6.7 J	0.26	mg/kg	SW846 6010B
Vanadium	10.8	0.88	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	41 J	55	ug/kg	SW846 8270C
Chrysene	10	7.3	ug/kg	SW846 8270C
Pyrene	7.7	7.3	ug/kg	SW846 8270C
1,1-Dichloroethene	1.8 J	7.0	ug/kg	SW846 8260B
Methylene chloride	4.5 J,B	7.0	ug/kg	SW846 8260B
Hexavalent Chromium	2.1	0.88	mg/kg	SW846 7196A
Percent Solids	91.2	10.0	%	MCAWW 160.3 MOD
SO-17322-031108-CB-029 03/11/08 16:05 008				
Trivalent Chromium	13.2	0.44	mg/kg	SW846 7196A
Arsenic	5.0	0.089	mg/kg	SW846 6020
Antimony	0.057 B	0.18	mg/kg	SW846 6020
Selenium	0.39	0.19	mg/kg	SW846 6020
Thallium	0.18	0.089	mg/kg	SW846 6020
Zinc	33.4	0.89	mg/kg	SW846 6020
Mercury	0.021 B	0.044	mg/kg	SW846 7471A
Aluminum	6920	17.7	mg/kg	SW846 6010B
Barium	39.3 J	0.89	mg/kg	SW846 6010B
Beryllium	0.33	0.18	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C120185

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031108-CB-029 03/11/08 16:05 008				
Calcium	75600 J	2210	mg/kg	SW846 6010B
Cadmium	0.28	0.089	mg/kg	SW846 6010B
Cobalt	7.4	0.44	mg/kg	SW846 6010B
Chromium	13.7	0.44	mg/kg	SW846 6010B
Copper	13.7	0.89	mg/kg	SW846 6010B
Iron	13500	8.9	mg/kg	SW846 6010B
Potassium	1320 J	443	mg/kg	SW846 6010B
Magnesium	19600	88.6	mg/kg	SW846 6010B
Manganese	349 J	0.89	mg/kg	SW846 6010B
Sodium	627	88.6	mg/kg	SW846 6010B
Nickel	18.0	0.89	mg/kg	SW846 6010B
Lead	6.1 J	0.27	mg/kg	SW846 6010B
Vanadium	18.4	0.89	mg/kg	SW846 6010B
1,1'-Biphenyl	200	55	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	22 J	55	ug/kg	SW846 8270C
2-Methylnaphthalene	1100	7.4	ug/kg	SW846 8270C
Phenanthrene	94	7.4	ug/kg	SW846 8270C
Pyrene	21	7.4	ug/kg	SW846 8270C
1,2,4-Trimethylbenzene	460	89	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	230	89	ug/kg	SW846 8260B
Cyclohexane	27 J	1100	ug/kg	SW846 8260B
Ethylbenzene	25 J	44	ug/kg	SW846 8260B
Isopropylbenzene	54 J	220	ug/kg	SW846 8260B
Methylcyclohexane	320 J	1100	ug/kg	SW846 8260B
Xylenes (total)	92 J	130	ug/kg	SW846 8260B
Hexavalent Chromium	0.47 B	0.89	mg/kg	SW846 7196A
Percent Solids	90.3	10.0	%	MCAWW 160.3 MOD
TB-17322-031108-CB-001 03/11/08 009				
2-Butanone	61 J	600	ug/kg	SW846 8260B
Methylene chloride	0.80 J,B	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-032 03/12/08 08:25 001				
Trivalent Chromium	18.4	0.48	mg/kg	SW846 7196A
Silver	0.040 B	0.097	mg/kg	SW846 6020
Arsenic	5.2	0.097	mg/kg	SW846 6020
Antimony	0.14 B	0.19	mg/kg	SW846 6020
Selenium	0.90	0.21	mg/kg	SW846 6020
Thallium	0.11	0.097	mg/kg	SW846 6020
Zinc	43.1	0.97	mg/kg	SW846 6020
Mercury	0.037 B	0.048	mg/kg	SW846 7471A
Aluminum	10400	19.4	mg/kg	SW846 6010B
Barium	83.9 J	0.97	mg/kg	SW846 6010B
Beryllium	1.1 J	0.19	mg/kg	SW846 6010B
Calcium	2240	485	mg/kg	SW846 6010B
Cadmium	0.17 J	0.097	mg/kg	SW846 6010B
Cobalt	7.2 J	0.48	mg/kg	SW846 6010B
Chromium	18.4 J	0.48	mg/kg	SW846 6010B
Copper	13.4	0.97	mg/kg	SW846 6010B
Iron	29300	9.7	mg/kg	SW846 6010B
Potassium	861 J	485	mg/kg	SW846 6010B
Magnesium	2210 J	97.0	mg/kg	SW846 6010B
Manganese	230 J	0.97	mg/kg	SW846 6010B
Sodium	1850	97.0	mg/kg	SW846 6010B
Nickel	15.4 J	0.97	mg/kg	SW846 6010B
Lead	9.9	0.29	mg/kg	SW846 6010B
Vanadium	44.6 J	0.97	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	140	61	ug/kg	SW846 8270C
Acetone	20 J	21	ug/kg	SW846 8260B
2-Butanone	3.4 J	21	ug/kg	SW846 8260B
Methylene chloride	1.1 J,B	5.3	ug/kg	SW846 8260B
Percent Solids	82.5	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-034 03/12/08 08:50 002				
Trivalent Chromium	12.0	0.45	mg/kg	SW846 7196A
Arsenic	4.8	0.090	mg/kg	SW846 6020
Antimony	0.092 B	0.18	mg/kg	SW846 6020
Selenium	0.49	0.19	mg/kg	SW846 6020
Thallium	0.25	0.090	mg/kg	SW846 6020
Zinc	37.4	0.90	mg/kg	SW846 6020
Mercury	0.022 B	0.045	mg/kg	SW846 7471A
Aluminum	7610	18.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-034 03/12/08 08:50 002				
Barium	47.3 J	0.90	mg/kg	SW846 6010B
Beryllium	0.51 J	0.18	mg/kg	SW846 6010B
Calcium	83700	2250	mg/kg	SW846 6010B
Cadmium	0.19 J	0.090	mg/kg	SW846 6010B
Cobalt	7.8 J	0.45	mg/kg	SW846 6010B
Chromium	13.0 J	0.45	mg/kg	SW846 6010B
Copper	17.5	0.90	mg/kg	SW846 6010B
Iron	16100	45.0	mg/kg	SW846 6010B
Potassium	1540 J	450	mg/kg	SW846 6010B
Magnesium	14100 J	90.0	mg/kg	SW846 6010B
Manganese	421 J	0.90	mg/kg	SW846 6010B
Nickel	20.8 J	0.90	mg/kg	SW846 6010B
Lead	6.6	0.27	mg/kg	SW846 6010B
Vanadium	17.4 J	0.90	mg/kg	SW846 6010B
Methylene chloride	0.60 J,B	3.7	ug/kg	SW846 8260B
Hexavalent Chromium	1.0	0.90	mg/kg	SW846 7196A
Percent Solids	88.9	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-035 03/12/08 09:00 003				
Trivalent Chromium	12.3	0.45	mg/kg	SW846 7196A
Arsenic	4.7	0.089	mg/kg	SW846 6020
Antimony	0.080 B	0.18	mg/kg	SW846 6020
Selenium	0.43	0.19	mg/kg	SW846 6020
Thallium	0.22	0.089	mg/kg	SW846 6020
Zinc	35.6	0.89	mg/kg	SW846 6020
Mercury	0.022 B	0.045	mg/kg	SW846 7471A
Aluminum	6990	17.9	mg/kg	SW846 6010B
Barium	45.8 J	0.89	mg/kg	SW846 6010B
Beryllium	0.48 J	0.18	mg/kg	SW846 6010B
Calcium	74200	2230	mg/kg	SW846 6010B
Cadmium	0.20 J	0.089	mg/kg	SW846 6010B
Cobalt	7.0 J	0.45	mg/kg	SW846 6010B
Chromium	12.3 J	0.45	mg/kg	SW846 6010B
Copper	17.2	0.89	mg/kg	SW846 6010B
Iron	14500	44.7	mg/kg	SW846 6010B
Potassium	1460 J	447	mg/kg	SW846 6010B
Magnesium	12600 J	89.3	mg/kg	SW846 6010B
Manganese	391 J	0.89	mg/kg	SW846 6010B
Sodium	78.7 B	89.3	mg/kg	SW846 6010B
Nickel	19.7 J	0.89	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-035 03/12/08 09:00 003				
Lead	6.5	0.27	mg/kg	SW846 6010B
Vanadium	16.0 J	0.89	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	60	56	ug/kg	SW846 8270C
Methylene chloride	0.65 J,B	4.0	ug/kg	SW846 8260B
Percent Solids	89.6	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-037 03/12/08 12:40 004				
Trivalent Chromium	13.6	0.45	mg/kg	SW846 7196A
Arsenic	4.8	0.089	mg/kg	SW846 6020
Antimony	0.069 B	0.18	mg/kg	SW846 6020
Selenium	0.45	0.19	mg/kg	SW846 6020
Thallium	0.11	0.089	mg/kg	SW846 6020
Zinc	25.1	0.89	mg/kg	SW846 6020
Mercury	0.038 B	0.045	mg/kg	SW846 7471A
Aluminum	7110	17.9	mg/kg	SW846 6010B
Barium	34.7 J	0.89	mg/kg	SW846 6010B
Beryllium	0.40 J	0.18	mg/kg	SW846 6010B
Calcium	568	447	mg/kg	SW846 6010B
Cadmium	0.11 J	0.089	mg/kg	SW846 6010B
Cobalt	6.8 J	0.45	mg/kg	SW846 6010B
Chromium	14.1 J	0.45	mg/kg	SW846 6010B
Copper	13.2	0.89	mg/kg	SW846 6010B
Iron	12600	8.9	mg/kg	SW846 6010B
Potassium	818 J	447	mg/kg	SW846 6010B
Magnesium	1940 J	89.4	mg/kg	SW846 6010B
Manganese	293 J	0.89	mg/kg	SW846 6010B
Sodium	428	89.4	mg/kg	SW846 6010B
Nickel	13.9 J	0.89	mg/kg	SW846 6010B
Lead	7.7	0.27	mg/kg	SW846 6010B
Vanadium	18.7 J	0.89	mg/kg	SW846 6010B
Methylene chloride	0.86 J,B	3.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.50 B	0.89	mg/kg	SW846 7196A
Percent Solids	89.5	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-040 03/12/08 13:40 005				
Trivalent Chromium	10.2	0.45	mg/kg	SW846 7196A
Arsenic	3.8	0.090	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-040 03/12/08 13:40 005				
Antimony	0.072 B	0.18	mg/kg	SW846 6020
Selenium	0.43	0.19	mg/kg	SW846 6020
Thallium	0.16	0.090	mg/kg	SW846 6020
Zinc	33.8	0.90	mg/kg	SW846 6020
Aluminum	6190	18.0	mg/kg	SW846 6010B
Barium	38.7 J	0.90	mg/kg	SW846 6010B
Beryllium	0.44 J	0.18	mg/kg	SW846 6010B
Calcium	63200	451	mg/kg	SW846 6010B
Cadmium	0.17 J	0.090	mg/kg	SW846 6010B
Cobalt	6.0 J	0.45	mg/kg	SW846 6010B
Chromium	10.2 J	0.45	mg/kg	SW846 6010B
Copper	17.5	0.90	mg/kg	SW846 6010B
Iron	12400	9.0	mg/kg	SW846 6010B
Potassium	1210 J	451	mg/kg	SW846 6010B
Magnesium	9690 J	90.2	mg/kg	SW846 6010B
Manganese	331 J	0.90	mg/kg	SW846 6010B
Sodium	106	90.2	mg/kg	SW846 6010B
Nickel	15.8 J	0.90	mg/kg	SW846 6010B
Lead	6.4	0.27	mg/kg	SW846 6010B
Vanadium	14.7 J	0.90	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	76	56	ug/kg	SW846 8270C
Methylene chloride	0.90 J,B	4.4	ug/kg	SW846 8260B
Percent Solids	88.7	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-043 03/12/08 14:50 006				
Trivalent Chromium	9.7	0.45	mg/kg	SW846 7196A
Silver	0.026 B	0.089	mg/kg	SW846 6020
Arsenic	3.3	0.089	mg/kg	SW846 6020
Antimony	0.070 B	0.18	mg/kg	SW846 6020
Selenium	0.43	0.19	mg/kg	SW846 6020
Thallium	0.24	0.089	mg/kg	SW846 6020
Zinc	31.9	0.89	mg/kg	SW846 6020
Mercury	0.018 B	0.045	mg/kg	SW846 7471A
Aluminum	5720	17.8	mg/kg	SW846 6010B
Barium	28.2 J	0.89	mg/kg	SW846 6010B
Beryllium	0.41 J	0.18	mg/kg	SW846 6010B
Calcium	77200	2230	mg/kg	SW846 6010B
Cadmium	0.15 J	0.089	mg/kg	SW846 6010B
Cobalt	6.2 J	0.45	mg/kg	SW846 6010B
Chromium	9.7 J	0.45	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-043 03/12/08 14:50 006				
Copper	15.5	0.89	mg/kg	SW846 6010B
Iron	11800	44.5	mg/kg	SW846 6010B
Potassium	1280 J	445	mg/kg	SW846 6010B
Magnesium	15300 J	89.0	mg/kg	SW846 6010B
Manganese	356 J	0.89	mg/kg	SW846 6010B
Sodium	86.6 B	89.0	mg/kg	SW846 6010B
Nickel	16.3 J	0.89	mg/kg	SW846 6010B
Lead	5.6	0.27	mg/kg	SW846 6010B
Vanadium	13.8 J	0.89	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	20 J	56	ug/kg	SW846 8270C
Carbon disulfide	0.55 J	3.5	ug/kg	SW846 8260B
1,2-Dichlorobenzene	0.31 J	3.5	ug/kg	SW846 8260B
1,3-Dichlorobenzene	0.40 J	3.5	ug/kg	SW846 8260B
1,4-Dichlorobenzene	0.47 J	3.5	ug/kg	SW846 8260B
Methylene chloride	0.69 J,B	3.5	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	1.1 J,B	3.5	ug/kg	SW846 8260B
Percent Solids	89.9	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-047 03/12/08 16:25 007				
Trivalent Chromium	9.7	0.44	mg/kg	SW846 7196A
Arsenic	4.6	0.089	mg/kg	SW846 6020
Antimony	0.064 B	0.18	mg/kg	SW846 6020
Selenium	0.34	0.19	mg/kg	SW846 6020
Thallium	0.16	0.089	mg/kg	SW846 6020
Zinc	35.4	0.89	mg/kg	SW846 6020
Mercury	0.020 B	0.044	mg/kg	SW846 7471A
Aluminum	5490	17.8	mg/kg	SW846 6010B
Barium	38.1 J	0.89	mg/kg	SW846 6010B
Beryllium	0.40 J	0.18	mg/kg	SW846 6010B
Calcium	57400	444	mg/kg	SW846 6010B
Cadmium	0.30 J	0.089	mg/kg	SW846 6010B
Cobalt	5.3 J	0.44	mg/kg	SW846 6010B
Chromium	9.7 J	0.44	mg/kg	SW846 6010B
Copper	12.6	0.89	mg/kg	SW846 6010B
Iron	11000	8.9	mg/kg	SW846 6010B
Potassium	1140 J	444	mg/kg	SW846 6010B
Magnesium	15400 J	88.9	mg/kg	SW846 6010B
Manganese	338 J	0.89	mg/kg	SW846 6010B
Nickel	14.4 J	0.89	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-047 03/12/08 16:25 007				
Lead	4.2	0.27	mg/kg	SW846 6010B
Vanadium	14.0 J	0.89	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	26 J	56	ug/kg	SW846 8270C
1,2-Dichlorobenzene	0.28 J	3.7	ug/kg	SW846 8260B
Methylene chloride	1.0 J,B	3.7	ug/kg	SW846 8260B
Toluene	0.21 J	3.7	ug/kg	SW846 8260B
Trichloroethene	0.47 J	3.7	ug/kg	SW846 8260B
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD
SO-17322-031208-CB-048 03/12/08 16:30 008				
Trivalent Chromium	10.7	0.44	mg/kg	SW846 7196A
Arsenic	5.0	0.089	mg/kg	SW846 6020
Antimony	0.067 B	0.18	mg/kg	SW846 6020
Selenium	0.36	0.19	mg/kg	SW846 6020
Thallium	0.17	0.089	mg/kg	SW846 6020
Zinc	37.4	0.89	mg/kg	SW846 6020
Mercury	0.063	0.044	mg/kg	SW846 7471A
Aluminum	5930	17.8	mg/kg	SW846 6010B
Barium	38.4 J	0.89	mg/kg	SW846 6010B
Beryllium	0.43 J	0.18	mg/kg	SW846 6010B
Calcium	73100	2220	mg/kg	SW846 6010B
Cadmium	0.33 J	0.089	mg/kg	SW846 6010B
Cobalt	6.4 J	0.44	mg/kg	SW846 6010B
Chromium	10.7 J	0.44	mg/kg	SW846 6010B
Copper	14.3	0.89	mg/kg	SW846 6010B
Iron	12700	44.5	mg/kg	SW846 6010B
Potassium	1220 J	445	mg/kg	SW846 6010B
Magnesium	19400 J	88.9	mg/kg	SW846 6010B
Manganese	290 J	0.89	mg/kg	SW846 6010B
Sodium	108	88.9	mg/kg	SW846 6010B
Nickel	14.8 J	0.89	mg/kg	SW846 6010B
Lead	5.1	0.27	mg/kg	SW846 6010B
Vanadium	15.7 J	0.89	mg/kg	SW846 6010B
Methylene chloride	0.90 J,B	4.2	ug/kg	SW846 8260B
Percent Solids	90.0	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C130160

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031208-CB-050 03/12/08 17:00 009				
Trivalent Chromium	9.1	0.46	mg/kg	SW846 7196A
Silver	0.037 B	0.091	mg/kg	SW846 6020
Arsenic	0.97	0.091	mg/kg	SW846 6020
Selenium	0.30	0.19	mg/kg	SW846 6020
Thallium	0.12	0.091	mg/kg	SW846 6020
Zinc	21.4	0.91	mg/kg	SW846 6020
Mercury	0.021 B	0.046	mg/kg	SW846 7471A
Aluminum	4840	18.3	mg/kg	SW846 6010B
Barium	38.2 J	0.91	mg/kg	SW846 6010B
Beryllium	0.32 J	0.18	mg/kg	SW846 6010B
Calcium	95400	2280	mg/kg	SW846 6010B
Cadmium	0.14 J	0.091	mg/kg	SW846 6010B
Cobalt	2.2 J	0.46	mg/kg	SW846 6010B
Chromium	9.4 J	0.46	mg/kg	SW846 6010B
Copper	6.8	0.91	mg/kg	SW846 6010B
Iron	5980	45.7	mg/kg	SW846 6010B
Potassium	668 J	457	mg/kg	SW846 6010B
Magnesium	17300 J	91.3	mg/kg	SW846 6010B
Manganese	150 J	0.91	mg/kg	SW846 6010B
Sodium	105	91.3	mg/kg	SW846 6010B
Nickel	8.0 J	0.91	mg/kg	SW846 6010B
Lead	3.9	0.27	mg/kg	SW846 6010B
Vanadium	8.2 J	0.91	mg/kg	SW846 6010B
Trichloroethene	22 J	46	ug/kg	SW846 8260B
Hexavalent Chromium	0.30 B	0.91	mg/kg	SW846 7196A
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD
TB-17322-031208-CB-001 03/12/08 010				
Methylene chloride	0.76 J,B	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C140235

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031308-CB-053 03/13/08 08:30 001				
Aroclor 1254	20000	3800	ug/kg	SW846 8082
Trivalent Chromium	13.3	0.46	mg/kg	SW846 7196A
Silver	0.027 B	0.093	mg/kg	SW846 6020
Arsenic	4.1	0.093	mg/kg	SW846 6020
Antimony	0.034 B	0.19	mg/kg	SW846 6020
Selenium	0.37	0.20	mg/kg	SW846 6020
Thallium	0.095	0.093	mg/kg	SW846 6020
Zinc	30.3	0.93	mg/kg	SW846 6020
Mercury	0.031 B	0.046	mg/kg	SW846 7471A
Aluminum	8950	18.5	mg/kg	SW846 6010B
Barium	64.4 J	0.93	mg/kg	SW846 6010B
Beryllium	0.26	0.19	mg/kg	SW846 6010B
Calcium	44900	463	mg/kg	SW846 6010B
Cadmium	0.053 B	0.093	mg/kg	SW846 6010B
Cobalt	4.6	0.46	mg/kg	SW846 6010B
Chromium	14.3	0.46	mg/kg	SW846 6010B
Copper	13.4	0.93	mg/kg	SW846 6010B
Iron	12800	9.3	mg/kg	SW846 6010B
Potassium	755	463	mg/kg	SW846 6010B
Magnesium	18600	92.6	mg/kg	SW846 6010B
Manganese	218	0.93	mg/kg	SW846 6010B
Sodium	120	92.6	mg/kg	SW846 6010B
Nickel	13.3	0.93	mg/kg	SW846 6010B
Lead	7.4	0.28	mg/kg	SW846 6010B
Vanadium	21.5	0.93	mg/kg	SW846 6010B
1,1'-Biphenyl	2700 J	2900	ug/kg	SW846 8270C
2-Methylnaphthalene	38000	390	ug/kg	SW846 8270C
Naphthalene	8000	390	ug/kg	SW846 8270C
Phenanthrene	500	390	ug/kg	SW846 8270C
Benzene	21 J	93	ug/kg	SW846 8260B
Ethylbenzene	40 J	93	ug/kg	SW846 8260B
Isopropylbenzene	240 J	460	ug/kg	SW846 8260B
Methylcyclohexane	160 J	2200	ug/kg	SW846 8260B
Hexavalent Chromium	1.0	0.93	mg/kg	SW846 7196A
Percent Solids	86.4	10.0	%	MCAWW 160.3 MOD
SO-17322-031308-CB-055 03/13/08 11:15 002				
Trivalent Chromium	10.7	0.45	mg/kg	SW846 7196A
Arsenic	4.4	0.089	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C140235

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031308-CB-055 03/13/08 11:15 002				
Selenium	0.32	0.19	mg/kg	SW846 6020
Thallium	0.15	0.089	mg/kg	SW846 6020
Zinc	31.2	0.89	mg/kg	SW846 6020
Aluminum	6220	17.8	mg/kg	SW846 6010B
Barium	41.1 J	0.89	mg/kg	SW846 6010B
Beryllium	0.11 B	0.18	mg/kg	SW846 6010B
Calcium	71700	2230	mg/kg	SW846 6010B
Cadmium	0.12	0.089	mg/kg	SW846 6010B
Cobalt	6.2	0.45	mg/kg	SW846 6010B
Chromium	11.3	0.45	mg/kg	SW846 6010B
Copper	12.7	0.89	mg/kg	SW846 6010B
Iron	12500	8.9	mg/kg	SW846 6010B
Potassium	1210	445	mg/kg	SW846 6010B
Magnesium	14500	89.0	mg/kg	SW846 6010B
Manganese	277	0.89	mg/kg	SW846 6010B
Sodium	77.0 B	89.0	mg/kg	SW846 6010B
Nickel	15.3	0.89	mg/kg	SW846 6010B
Lead	5.5	0.27	mg/kg	SW846 6010B
Vanadium	14.8	0.89	mg/kg	SW846 6010B
Methylene chloride	1.0 J,B	4.1	ug/kg	SW846 8260B
Hexavalent Chromium	0.55 B	0.89	mg/kg	SW846 7196A
Percent Solids	89.8	10.0	%	MCAWW 160.3 MOD
TB-17322-031308-CB-001 03/13/08 003				
Methylene chloride	1.1 J,B	5.0	ug/kg	SW846 8260B
SO-17322-031308-CB-059 03/13/08 14:35 004				
Trivalent Chromium	12.0	0.45	mg/kg	SW846 7196A
Silver	0.032 B	0.090	mg/kg	SW846 6020
Arsenic	3.9	0.090	mg/kg	SW846 6020
Selenium	0.54	0.19	mg/kg	SW846 6020
Thallium	0.20	0.090	mg/kg	SW846 6020
Zinc	36.4	0.90	mg/kg	SW846 6020
Mercury	0.021 B	0.045	mg/kg	SW846 7471A
Aluminum	6790	18.1	mg/kg	SW846 6010B
Barium	25.3 J	0.90	mg/kg	SW846 6010B
Beryllium	0.072 B	0.18	mg/kg	SW846 6010B
Calcium	81300	2260	mg/kg	SW846 6010B
Cadmium	0.14	0.090	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C140235

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031308-CB-059 03/13/08 14:35 004				
Cobalt	7.5	0.45	mg/kg	SW846 6010B
Chromium	12.0	0.45	mg/kg	SW846 6010B
Copper	15.7	0.90	mg/kg	SW846 6010B
Iron	13300	9.0	mg/kg	SW846 6010B
Potassium	1650	452	mg/kg	SW846 6010B
Magnesium	12800	90.4	mg/kg	SW846 6010B
Manganese	343	0.90	mg/kg	SW846 6010B
Sodium	283	90.4	mg/kg	SW846 6010B
Nickel	19.3	0.90	mg/kg	SW846 6010B
Lead	6.8	0.27	mg/kg	SW846 6010B
Vanadium	15.7	0.90	mg/kg	SW846 6010B
Benzo(ghi)perylene	14	7.5	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	25 J	57	ug/kg	SW846 8270C
Fluoranthene	25	7.5	ug/kg	SW846 8270C
Phenanthrene	34	7.5	ug/kg	SW846 8270C
Pyrene	25	7.5	ug/kg	SW846 8270C
Methylene chloride	0.53 J,B	3.4	ug/kg	SW846 8260B
Percent Solids	88.5	10.0	%	MCAWW 160.3 MOD
SO-17322-031308-CB-060 03/13/08 15:10 005				
Trivalent Chromium	14.4	0.45	mg/kg	SW846 7196A
Silver	0.038 B	0.091	mg/kg	SW846 6020
Arsenic	4.0	0.091	mg/kg	SW846 6020
Antimony	0.043 B	0.18	mg/kg	SW846 6020
Selenium	0.57	0.19	mg/kg	SW846 6020
Thallium	0.16	0.091	mg/kg	SW846 6020
Zinc	37.6	0.91	mg/kg	SW846 6020
Mercury	0.021 B	0.045	mg/kg	SW846 7471A
Aluminum	8700	18.2	mg/kg	SW846 6010B
Barium	68.3 J	0.91	mg/kg	SW846 6010B
Calcium	83300	2270	mg/kg	SW846 6010B
Cadmium	0.22	0.091	mg/kg	SW846 6010B
Cobalt	6.5	0.45	mg/kg	SW846 6010B
Chromium	15.0	0.45	mg/kg	SW846 6010B
Copper	18.1	0.91	mg/kg	SW846 6010B
Iron	17300	9.1	mg/kg	SW846 6010B
Potassium	1650	455	mg/kg	SW846 6010B
Magnesium	15100	90.9	mg/kg	SW846 6010B
Manganese	391	0.91	mg/kg	SW846 6010B
Sodium	506	90.9	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C140235

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031308-CB-060 03/13/08 15:10 005				
Nickel	18.2	0.91	mg/kg	SW846 6010B
Lead	6.5	0.27	mg/kg	SW846 6010B
Vanadium	20.2	0.91	mg/kg	SW846 6010B
Acetone	7.7 J	16	ug/kg	SW846 8260B
2-Butanone	1.5 J	16	ug/kg	SW846 8260B
Carbon disulfide	1.2 J	4.1	ug/kg	SW846 8260B
Methylene chloride	0.74 J,B	4.1	ug/kg	SW846 8260B
Hexavalent Chromium	0.62 B	0.91	mg/kg	SW846 7196A
Percent Solids	88.0	10.0	%	MCAWW 160.3 MOD
SO-17322-031308-CB-061 03/13/08 16:00 006				
Trivalent Chromium	10.1	0.47	mg/kg	SW846 7196A
Silver	0.021 B	0.093	mg/kg	SW846 6020
Arsenic	3.1	0.093	mg/kg	SW846 6020
Selenium	0.46	0.20	mg/kg	SW846 6020
Thallium	0.12	0.093	mg/kg	SW846 6020
Zinc	32.8	0.93	mg/kg	SW846 6020
Aluminum	5740	18.7	mg/kg	SW846 6010B
Barium	35.9 J	0.93	mg/kg	SW846 6010B
Beryllium	0.11 B	0.19	mg/kg	SW846 6010B
Calcium	38400	467	mg/kg	SW846 6010B
Cadmium	0.085 B	0.093	mg/kg	SW846 6010B
Cobalt	5.4	0.47	mg/kg	SW846 6010B
Chromium	10.1	0.47	mg/kg	SW846 6010B
Copper	10.2	0.93	mg/kg	SW846 6010B
Iron	15200	9.3	mg/kg	SW846 6010B
Potassium	971	467	mg/kg	SW846 6010B
Magnesium	9350	93.4	mg/kg	SW846 6010B
Manganese	214	0.93	mg/kg	SW846 6010B
Sodium	862	93.4	mg/kg	SW846 6010B
Nickel	13.2	0.93	mg/kg	SW846 6010B
Lead	6.5	0.28	mg/kg	SW846 6010B
Vanadium	13.1	0.93	mg/kg	SW846 6010B
Acenaphthene	1300	160	ug/kg	SW846 8270C
1,1'-Biphenyl	930 J	1200	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	570 J	1200	ug/kg	SW846 8270C
Chrysene	180	160	ug/kg	SW846 8270C
Fluoranthene	310	160	ug/kg	SW846 8270C
2-Methylnaphthalene	2400	160	ug/kg	SW846 8270C

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C140235

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031308-CB-061 03/13/08 16:00 006				
Naphthalene	1600	160	ug/kg	SW846 8270C
Phenanthrene	2600	160	ug/kg	SW846 8270C
Pyrene	560	160	ug/kg	SW846 8270C
1,2,4-Trimethylbenzene	52 J	93	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	53 J	93	ug/kg	SW846 8260B
Cyclohexane	58 J	1100	ug/kg	SW846 8260B
Ethylbenzene	22 J	47	ug/kg	SW846 8260B
Isopropylbenzene	74 J	230	ug/kg	SW846 8260B
Methylcyclohexane	110 J	1100	ug/kg	SW846 8260B
Toluene	14 J	93	ug/kg	SW846 8260B
Xylenes (total)	81 J	140	ug/kg	SW846 8260B
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C150172

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031408-CB-062 03/14/08 08:10 001				
Trivalent Chromium	23.6	0.48	mg/kg	SW846 7196A
Silver	0.042 B	0.097	mg/kg	SW846 6020
Arsenic	12.1	0.097	mg/kg	SW846 6020
Antimony	0.12 B	0.19	mg/kg	SW846 6020
Selenium	1.6	0.21	mg/kg	SW846 6020
Thallium	0.42	0.097	mg/kg	SW846 6020
Zinc	92.1	0.97	mg/kg	SW846 6020
Mercury	0.028 B	0.048	mg/kg	SW846 7471A
Aluminum	14700	19.4	mg/kg	SW846 6010B
Barium	55.8 J	0.97	mg/kg	SW846 6010B
Beryllium	0.24	0.19	mg/kg	SW846 6010B
Calcium	4350	485	mg/kg	SW846 6010B
Cadmium	0.075 B	0.097	mg/kg	SW846 6010B
Cobalt	15.0	0.48	mg/kg	SW846 6010B
Chromium	23.6	0.48	mg/kg	SW846 6010B
Copper	48.9	0.97	mg/kg	SW846 6010B
Iron	34200	9.7	mg/kg	SW846 6010B
Potassium	1710	485	mg/kg	SW846 6010B
Magnesium	4460	96.9	mg/kg	SW846 6010B
Manganese	923	0.97	mg/kg	SW846 6010B
Sodium	709	96.9	mg/kg	SW846 6010B
Nickel	40.0	0.97	mg/kg	SW846 6010B
Lead	18.0	0.29	mg/kg	SW846 6010B
Vanadium	36.2	0.97	mg/kg	SW846 6010B
Acenaphthene	180	40	ug/kg	SW846 8270C
Anthracene	560	40	ug/kg	SW846 8270C
Benzo(a)anthracene	690	40	ug/kg	SW846 8270C
Benzo(a)pyrene	460	40	ug/kg	SW846 8270C
Benzo(b)fluoranthene	160	40	ug/kg	SW846 8270C
Benzo(ghi)perylene	380	40	ug/kg	SW846 8270C
Chrysene	960	40	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	98	40	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	40	ug/kg	SW846 8270C
Phenanthrene	1500	40	ug/kg	SW846 8270C
Pyrene	1800	40	ug/kg	SW846 8270C
Acetone	7.1 J	19	ug/kg	SW846 8260B
2-Butanone	1.8 J	19	ug/kg	SW846 8260B
Methylene chloride	1.5 J,B	4.8	ug/kg	SW846 8260B
Toluene	0.30 J	4.8	ug/kg	SW846 8260B
Percent Solids	82.5	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C150172

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031408-CB-069 03/14/08 10:50 002				
Trivalent Chromium	14.4	0.47	mg/kg	SW846 7196A
Silver	0.035 B	0.093	mg/kg	SW846 6020
Arsenic	7.4	0.093	mg/kg	SW846 6020
Antimony	0.077 B	0.19	mg/kg	SW846 6020
Selenium	0.56	0.20	mg/kg	SW846 6020
Thallium	0.24	0.093	mg/kg	SW846 6020
Zinc	45.2	0.93	mg/kg	SW846 6020
Mercury	0.023 B	0.047	mg/kg	SW846 7471A
Aluminum	9050	18.7	mg/kg	SW846 6010B
Barium	50.2 J	0.93	mg/kg	SW846 6010B
Beryllium	0.15 B	0.19	mg/kg	SW846 6010B
Calcium	77500	2340	mg/kg	SW846 6010B
Cadmium	0.12	0.093	mg/kg	SW846 6010B
Cobalt	8.9	0.47	mg/kg	SW846 6010B
Chromium	15.5	0.47	mg/kg	SW846 6010B
Copper	19.8	0.93	mg/kg	SW846 6010B
Iron	18100	9.3	mg/kg	SW846 6010B
Potassium	1640	467	mg/kg	SW846 6010B
Magnesium	9930	93.5	mg/kg	SW846 6010B
Manganese	536	0.93	mg/kg	SW846 6010B
Sodium	905	93.5	mg/kg	SW846 6010B
Nickel	24.8	0.93	mg/kg	SW846 6010B
Lead	8.6	0.28	mg/kg	SW846 6010B
Vanadium	19.6	0.93	mg/kg	SW846 6010B
Methylene chloride	0.70 J,B	4.3	ug/kg	SW846 8260B
Hexavalent Chromium	1.1	0.93	mg/kg	SW846 7196A
Percent Solids	85.6	10.0	%	MCAWW 160.3 MOD
SO-17322-031408-CB-063 03/14/08 09:30 003				
Arsenic	2.7	0.085	mg/kg	SW846 6020
Selenium	0.15 B	0.18	mg/kg	SW846 6020
Thallium	0.067 B	0.085	mg/kg	SW846 6020
Zinc	17.1	0.85	mg/kg	SW846 6020
Aluminum	1600	17.1	mg/kg	SW846 6010B
Barium	6.9 J	0.85	mg/kg	SW846 6010B
Calcium	39500	427	mg/kg	SW846 6010B
Cadmium	0.065 B	0.085	mg/kg	SW846 6010B
Cobalt	2.2	0.43	mg/kg	SW846 6010B
Chromium	3.6	0.43	mg/kg	SW846 6010B
Copper	5.1	0.85	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C150172

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031408-CB-063 03/14/08 09:30 003				
Iron	4370	8.5	mg/kg	SW846 6010B
Potassium	239 B	427	mg/kg	SW846 6010B
Magnesium	7430	85.3	mg/kg	SW846 6010B
Manganese	138	0.85	mg/kg	SW846 6010B
Nickel	5.5	0.85	mg/kg	SW846 6010B
Lead	2.9	0.26	mg/kg	SW846 6010B
Vanadium	6.1	0.85	mg/kg	SW846 6010B
Caprolactam	220 J	350	ug/kg	SW846 8270C
1,1-Dichloroethane	18 J	52	ug/kg	SW846 8260B
1,1-Dichloroethene	110	52	ug/kg	SW846 8260B
Tetrachloroethene	33 J	52	ug/kg	SW846 8260B
1,1,1-Trichloroethane	400	52	ug/kg	SW846 8260B
Trichloroethene	1300	52	ug/kg	SW846 8260B
Hexavalent Chromium	4.1	0.85	mg/kg	SW846 7196A
Percent Solids	93.8	10.0	%	MCAWW 160.3 MOD
SO-17322-031408-CB-067 03/14/08 10:00 004				
Trivalent Chromium	8.5	0.48	mg/kg	SW846 7196A
Arsenic	5.6	0.097	mg/kg	SW846 6020
Antimony	0.045 B	0.19	mg/kg	SW846 6020
Selenium	0.45	0.21	mg/kg	SW846 6020
Thallium	0.24	0.097	mg/kg	SW846 6020
Zinc	43.5	0.97	mg/kg	SW846 6020
Mercury	0.024 B	0.048	mg/kg	SW846 7471A
Aluminum	5200	19.4	mg/kg	SW846 6010B
Barium	28.8 J	0.97	mg/kg	SW846 6010B
Calcium	86200	2420	mg/kg	SW846 6010B
Cadmium	0.12	0.097	mg/kg	SW846 6010B
Cobalt	5.8	0.48	mg/kg	SW846 6010B
Chromium	8.9	0.48	mg/kg	SW846 6010B
Copper	16.6	0.97	mg/kg	SW846 6010B
Iron	13400	9.7	mg/kg	SW846 6010B
Potassium	1110	484	mg/kg	SW846 6010B
Magnesium	15700	96.8	mg/kg	SW846 6010B
Manganese	340	0.97	mg/kg	SW846 6010B
Sodium	131	96.8	mg/kg	SW846 6010B
Nickel	15.0	0.97	mg/kg	SW846 6010B
Lead	6.8	0.29	mg/kg	SW846 6010B
Vanadium	14.4	0.97	mg/kg	SW846 6010B
Methylene chloride	0.97 J,B	4.5	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8C11158 : A8C150172

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-031408-CB-067 03/14/08 10:00 004				
Hexavalent Chromium	0.35 B	0.97	mg/kg	SW846 7196A
Percent Solids	82.6	10.0	%	MCAWW 160.3 MOD
TB-17322-031408-CB-001 03/14/08 005				
Methylene chloride	0.79 J,B	5.0	ug/kg	SW846 8260B

TestAmerica
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METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

8C11158

PARAMETER	ANALYTICAL METHOD
Cyanide, Total	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Total Residue as Percent Solids	MCAWW 160.3 MOD
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

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SAMPLE SUMMARY

SAMPLE SUMMARY

8C11158 : A8C110158

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJCPC	001	SO-17322-030608-MC-001	03/06/08	14:15
KJCPE	002	SO-17322-030608-MC-002	03/06/08	14:17
KJCPF	003	SO-17322-030708-MC-001	03/07/08	08:15
KJCPJ	004	SO-17322-030708-MC-002	03/07/08	08:17
KJCPL	005	SO-17322-030708-MC-003	03/07/08	09:00
KJCPM	006	SO-17322-030708-MC-004	03/07/08	09:20
KJCPN	007	SO-17322-030708-MC-005	03/07/08	09:22
KJCPP	008	SO-17322-030708-MC-006	03/07/08	10:50
KJCPQ	009	SO-17322-030708-MC-007	03/07/08	10:52
KJCPR	010	SO-17322-030708-MC-008	03/07/08	11:15
KJCPT	011	SO-17322-030708-MC-009	03/07/08	11:17
KJCPV	012	SO-17322-030708-MC-010	03/07/08	13:00
KJCPW	013	SO-17322-030708-MC-011	03/07/08	13:02
KJCPX	014	SO-17322-030708-MC-012	03/07/08	13:45
KJCP0	015	SO-17322-030708-MC-013	03/07/08	13:47
KJCP1	016	SO-17322-030708-MC-014	03/07/08	14:35
KJCP2	017	SO-17322-030708-MC-015	03/07/08	14:37
KJCP3	018	SO-17322-030608-MC-003	03/06/08	15:00
KJCP4	019	SO-17322-030608-MC-004	03/06/08	15:02
KJCP5	020	WG-17322-031008-MC-001	03/10/08	13:50
KJCP6	021	WG-17322-031008-MC-002	03/10/08	14:45
KJCP9	024	TB-17322-031008-MC-005	03/10/08	
KJCQA	025	SO-17322-031008-CB-003	03/10/08	11:00
KJCQD	026	SO-17322-031008-CB-005	03/10/08	11:40
KJCQF	027	SO-17322-031008-CB-007	03/10/08	12:35
KJCQG	028	SO-17322-031008-CB-009	03/10/08	14:10
KJCQH	029	SO-17322-031008-CB-012	03/10/08	15:20
KJC5C	030	TB-17322-031008-CB-001	03/10/08	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8C11158 : A8C120185

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJEXT	001	SO-17322-031108-CB-015	03/11/08	08:35
KJE0K	002	SO-17322-031108-CB-018	03/11/08	12:05
KJE0P	003	SO-17322-031108-CB-020	03/11/08	13:30
KJE0T	004	SO-17322-031108-CB-021	03/11/08	13:40
KJE01	005	SO-17322-031108-CB-023	03/11/08	14:15
KJE02	006	SO-17322-031108-CB-024	03/11/08	15:00
KJE03	007	SO-17322-031108-CB-025	03/11/08	15:05
KJE04	008	SO-17322-031108-CB-029	03/11/08	16:05
KJE1E	009	TB-17322-031108-CB-001	03/11/08	

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

8C11158 : A8C130160

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJG3J	001	SO-17322-031208-CB-032	03/12/08	08:25
KJG3N	002	SO-17322-031208-CB-034	03/12/08	08:50
KJG3T	003	SO-17322-031208-CB-035	03/12/08	09:00
KJG3V	004	SO-17322-031208-CB-037	03/12/08	12:40
KJG3W	005	SO-17322-031208-CB-040	03/12/08	13:40
KJG30	006	SO-17322-031208-CB-043	03/12/08	14:50
KJG33	007	SO-17322-031208-CB-047	03/12/08	16:25
KJG34	008	SO-17322-031208-CB-048	03/12/08	16:30
KJG36	009	SO-17322-031208-CB-050	03/12/08	17:00
KJG4A	010	TB-17322-031208-CB-001	03/12/08	

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

8C11158 : A8C140235

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJLXF	001	SO-17322-031308-CB-053	03/13/08	08:30
KJLXP	002	SO-17322-031308-CB-055	03/13/08	11:15
KJLXR	003	TB-17322-031308-CB-001	03/13/08	
KJLX7	004	SO-17322-031308-CB-059	03/13/08	14:35
KJL0A	005	SO-17322-031308-CB-060	03/13/08	15:10
KJL0D	006	SO-17322-031308-CB-061	03/13/08	16:00

NOTE(S):

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(Continued on next page)

SAMPLE SUMMARY

8C11158 : A8C150172

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KJNQM	001	SO-17322-031408-CB-062	03/14/08	08:10
KJNQ1	002	SO-17322-031408-CB-069	03/14/08	10:50
KJNQ2	003	SO-17322-031408-CB-063	03/14/08	09:30
KJNQ3	004	SO-17322-031408-CB-067	03/14/08	10:00
KJNQ4	005	TB-17322-031408-CB-001	03/14/08	

NOTE(S):

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The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 2

ID # Nº 05086

SSOW Ref. Code: E11021

Required Client Information:

Company: CRA	Report To: R. Fletcher
Address: 14496 Sheldon Rd Suite 200 Plymouth, MI 48170	Copy To: P. Wiseman
	Invoice To:
	P.O.:
Phone: 734-453-5123	Project Name: Validation Center
Fax: 734-453-5201	Project Number: 17322-04-200040
E-mail:	

Laboratory: Test America	
Laboratory Location: 4101 Shuttle Drive NW, N Canton, OH	
Laboratory Contact:	
Requested Due Date:	TAT: Standard
QA/QC Requirements: Trip, Temp	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Site Specific TAL Metals	Total Cyanide	Hex Chrome	Tri Chrome	Stnd, Pb + Total Mercury	Remarks/Lab ID
1.	SO-17322-030608-MC-001	SO	03/06/08	1415	1	X						X	X	1	X	X	
2.	SO-17322-030608-MC-002		03/06/08	1417	1	X											
3.	SO-17322-030708-MC-001		03/07/08	815	1	X											
4.	SO-17322-030708-MC-002		03/07/08	817	1	X											
5.	SO-17322-030708-MC-003		03/07/08	900	1	X											
6.	SO-17322030708-MC-004		03/07/08	920	1	X											
7.	SO-17322030708-MC-005		03/07/08	922	1	X											
8.	SO-17322-030708-MC-006		03/07/08	1050	1	X											
9.	SO-17322-030708-MC-007		03/07/08	1052	1	X											
10.	SO-17322-030708-MC-008		03/07/08	1115	1	X											
11.	SO-17322-030708-MC-009		03/07/08	1117	1	X											
12.	SO-17322-030708-MC-010		03/07/08	1300	1	X											
13.	SO-17322-030708-MC-011		03/07/08	1302	1	X											
14.	SO-17322-030708-MC-012		03/07/08	1345	1	X											
15.	SO-17322-030708-MC-013		03/07/08	1347	1	X											
	TOTAL NUMBER OF CONTAINERS																

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1	Mike Comm/CRA	03-10-08	1635		3-11-08	0920
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Mike Comm

Sampler Signature: [signature] Date: 03-10-08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 04/04

North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 1 OF 2

ID # NC 05086

SSOW Ref. Code: E11021

Required Client Information:

Company: GES	Report To: K. Fiedler
Address: 4476 Lake Dr	Copy To: T. Wiseman
Suite 200	Invoice To:
Kentwood MI 49512	P.O.:
Phone: 616-942-1177	Project Name: Valley Auto
Fax: 616-942-2121	Project Number: 17-58-0110
E-mail:	

Laboratory: TestAmerica	
Laboratory Location: 4101 Shuttle Dr NW N Canton, OH	
Laboratory Contact:	
Requested Due Date:	TAT: 5 Work Days
QA/QC Requirements: Tier I w/ Temp	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Mo, Ni, Se, Ag, Tl, V, Zn (ICP)	Hg (CVAA)	Ti (ICP)	Sn, Pb, Sb, Ti (ICP)	Remarks/Lab ID
1. SO-17777-030608-MC-001	SO	03/06/08	1417	1	X						X	X	X	X	
2. SO-17777-030608-MC-002		03/06/08	1417	1	X										
3. SO-17777-030708-MC-001		03/07/08	815	1	X										
4. SO-17777-030708-MC-002		03/07/08	817	1	X										
5. SO-17777-030708-MC-003		03/07/08	900	1	X										
6. SO-17777-030708-MC-004		03/07/08	920	1	X										
7. SO-17777-030708-MC-005		03/07/08	932	1	X										
8. SO-17777-030708-MC-006		03/07/08	1050	1	X										
9. SO-17777-030708-MC-007		03/07/08	1052	1	X										
10. SO-17777-030708-MC-008		03/07/08	1115	1	X										
11. SO-17777-030708-MC-009		03/07/08	1117	1	X										
12. SO-17777-030708-MC-010		03/07/08	1300	1	X										
13. SO-17777-030708-MC-011		03/07/08	1302	1	X										
14. SO-17777-030708-MC-012		03/07/08	1345	1	X										
15. SO-17777-030708-MC-013	V	03/07/08	1347	1	X						V	V	V	V	

TOTAL NUMBER OF CONTAINERS: 15 — 2m 03/12/08

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1	Mike Comm/GES	03-10-08	1635			
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Mike Comm

Sampler Signature: [signature] Date: 03-10-08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 9/6/04

North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 2 OF 2

ID # N2 05087

SSOW Ref. Code: E11902.1

Required Client Information:

Company: CH2M	Report To: R. Thrasher
Address: 1441 Plaza Dr. #3	Copy To: P. Wiseman
Suite 350	Invoice To:
Troy, MI 48098	P.O.:
Phone: 734-953-5123	Project Name: Vehicle Interior Testing
Fax: 734-953-6201	Project Number: 175274-100046
E-mail:	

Laboratory: Test America	
Laboratory Location: 4101 Shuffel Drive NW N. Canton, OH	
Laboratory Contact:	
Requested Due Date:	TAT: Standard 5 days
QA/QC Requirements: TIC, Temp	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other: MeOH	TCL VOCs	TCL SVOCs	Hexavalent Chromium	TCL Carbonyls	Ethanol by TO-11A	Remarks/Lab ID
1.	50-17372-03038-MC-014	SO	03/01/08	1435	1	X						X	X	X	X	X	
2.	50-17372-03038-MC-015	SO	03/01/08	1437	1	X						X	X	X	X	X	
3.	50-17372-03038-MC-016	SO	03/01/08	1500	1	X						X	X	X	X	X	
4.	50-17372-03038-MC-017	SO	03/01/08	1502	1	X						X	X	X	X	X	
5.	WA-17372-03038-MC-001	WG	03/01/08	1350	3		X									X	
6.	TB-17372-03038-MC-002	WG	03/01/08	1495	1		X									X	
7.	TB-03108-MC-003	SOG	03/01/08	-	1						X					X	
8.	TB-03108-MC-004	SOG	03/01/08	-	2					X						X	
9.	TB-03108-MC-005	WG	03/01/08	-	1		X									X	
10.																	
11.																	
12.																	
13.																	
14.																	
15.																	
	TOTAL NUMBER OF CONTAINERS				12												

dm 03/12/08

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1	M. Lorenz / CRA	03-10-08	1637			
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name:

Sampler Signature: Date: 03-10-08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 2 OF 2

ID# NE 05087

SSOW Ref. Code: E11102.1

Required Client Information:

Company: CH2M	Report To: A. Fletcher
Address: 1414 Radcliff Ave. SW Suite 300	Copy To: P. Wiseman
	Invoice To:
Tinley Park, IL 60477	P.O.:
Phone: 708-444-1123	Project Name: Vail Tailor Trailer
Fax: 708-444-1201	Project Number: 172724-100745
E-mail:	

Laboratory: TestAmerica	
Laboratory Location: 4101 Shuffel Drive NW N. Canton, OH	
Laboratory Contact:	
Requested Due Date:	TAT: Standard 5 Days
QA/QC Requirements: TCL, TAL	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Preservative

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other: NaHSO4	TCL VOCs	TCL SVOCs	TCL PCBs	TCL Pesticides	TAL Metals	Remarks/Lab ID
1.	SO-172724-030308-MC-014	SO	03/03/08	1435	1	X						X					
2.	SO-172724-030308-MC-015	SO	03/03/08	1437	1	X						X					
3.	SO-172724-030608-MC-002	SO	03/06/08	1500	1	X						X					
4.	SO-172724-030408-MC-004	SO	03/04/08	1502	1	X						X					
5.	WG-172724-031008-MC-001	WG	03/10/08	1350	3		X						X				
6.	WG-172724-031008-MC-002	WG	03/10/08	1495	1		X						X				
7.	FB-172724-MC-003	WG	03/10/08		1						X		X				dm 03/12/08
8.	EB-172724-MC-004	WG	03/10/08		2					X			X				dm 03/12/08
9.	TB-030808-MC-005	WG	03/10/08		1		X						X				
10.																	
11.																	
12.																	
13.																	
14.																	
15.																	
	TOTAL NUMBER OF CONTAINERS				12	dm 03/12/08											

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1	M. Wagner / CH2M	03-10-08	1637			
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name:

Sampler Signature: Date: 03-10-08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

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PAGE 2 OF 2

ID # Nº 05087

SSOW Ref. Code: E11102.1

Required Client Information:

Company: CRA	Report To: R. Fleisher
Address: 14496 Sheldon Rd Suite 200 Plymouth MI 48170	Copy To: P. Wiseman
	Invoice To:
	P.O.:
Phone: 734-453-5123	Project Name: Validation Center
Fax: 734-453-5201	Project Number: 17322-04-202040
E-mail:	

Laboratory: Test America	
Laboratory Location: 4201 Shuffel Drive NW N. Canton, OH	
Laboratory Contact:	
Requested Due Date:	TAT: Standard 25% 48
QA/QC Requirements: Trip, Temp	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	~~Non~~ Organic Water	Other: Methanol	Analysis and Method: 5 ft Static TAL Metals	Total Cyanide	Hexavalent Cr	Tri Chrome	Frac. Pkt Total	TCL VOCs	Remarks/Lab ID
1.	SO-17322-030708-MC-014	SO	03/07/08	1435	1	X						X	X	X	X	X		
2.	SO-17322-030705-MC-015	SO	03/07/08	1437	1	X						X	X	X	X	X		
3.	SO-17322-030608-MC-003	SO	03/06/08	1500	1	X						X	X	X	X	X		
4.	SO-17322-030608-MC-004	SO	03/06/08	1502	1	X						X	X	X	X	X		
WG 5.	~~GW~~-17322-031008-MC-001	WG	03/10/08	1350	3		X										X	
WG 6.	GW-17322-031008-MC-002	WG	03/10/08	1445	1		X										X	
7.	TB-031008-MC-003	SOQ	03/10/08	-	1						X						X	
8.	TB-031008-MC-004	SOQ	03/10/08	-	2					X							X	
9.	TB-031008-MC-005	WGQ	03/10/08	-	1		X										X	
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		
	TOTAL NUMBER OF CONTAINERS																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	1	Mike Coram / CRA	03-10-08	1637		3-11-08	0720
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name:

Sampler Signature: Date: 03-10-08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 9/6/07

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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ID # Nº 08194

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA	Laboratory: Test America	
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gayman/CRA	Laboratory Location: North Canton, OH	
	Invoice To: Darla Stewart/CRA	Laboratory Contact: Denise Heckler	
	P.O.:	Requested Due Date: ———	TAT: Standard
Phone: (734)453-5123	Project Name: GM Validation	QA/QC Requirements: as per SSOW	
Fax: (734)453-5201	Project Number: 17322		
E-mail: pwiseman@craworld.com			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl organic free water	H2SO4	HNO3	NaOH	Other: methanol	TCL VOCs	Remarks/Lab ID
1.	SO-17322-031008-CB-003	SO	3/10/08	1100	3	X	2				1	X	
2.	-005			1140	3		2				1	X	
3.	-007			1235	3		2				1	X	
4.	-009			1410	3		2				1	X	
5.	-012			1520	3		2				1	X	
6.	TB -001	WSO		—	3		2				1	X	
7.													
8.													
9.													
10.													
11.													
12.													
13.													
14.													
15.													
	TOTAL NUMBER OF CONTAINERS				18								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEX	1	Corrie Bondy/CRA	3/10/08	1745	[illegible]	3-11-08	0920
AIRBILL NO. 8627 4940 1177							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: Bondy Date: 3/10/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ID # Nº 08195

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gaynor/CRA Invoice To: Darla Stewart/CRA P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Hechler	
Requested Due Date: ———	TAT: Standard
QA/QC Requirements: as per SSOW	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL SVOC	TCL PCB	Site specific metals	Total cyanide	Hexavalent chromium	Trivalent chromium	fractionated lead if >5 mg/kg	Remarks/Lab ID
1. SO-17322-031008-CB-003	SO	3/10/08	1100	1	1						X	X	X	X	X	X	X	
2. SO-17322-031008-CB-005			1140	1	1						X	X	X	X	X	X	X	
3. SO-17322-031008-CB-007			1235	1	1						X	X	X	X	X	X	X	
4. SO-17322-031008-CB-009			1410	1	1						X	X	X	X	X	X	X	
5. SO-17322-031008-CB-012			1520	1	1						X	X	X	X	X	X	X	
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		
TOTAL NUMBER OF CONTAINERS				5														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Corrie Bondy/CRA	3/10/08	1745			
AIRBILL NO. 8627 4940 1199							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 3/10/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 4

ID # No 08194

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Ukeman/CRA
Address: 1440 Sheldon Rd, Suite 200, Plymouth, MI 48170	Copy To: Tom Baumann/CRA
	Invoice To: Dana Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton OH	
Laboratory Contact: Denise Hubler	TAT: ~~Standard~~ 1 week ym 03/12/08
Requested Due Date:	
QA/QC Requirements: as per SSOW	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl (Organic Free)	H2SO4	HNO3	NaOH	Other: methanol	Analysis and Method: TCL VOCs	Remarks/Lab ID
1.	SO-17322-031008-CB-003	SO	3/10/08	1100	3	X	2				1	X	
2.	" " " -005	"	"	1140	3		2				1	X	
3.	" " " -007	"	"	1235	3		2				1	X	
4.	" " " -009	"	"	1410	3		2				1	X	
5.	" " " -012	"	"	1520	3		2				1	X	
6.	TB " " " -001	W	"	—	3		2				1	X	
7.		SOQ ym 03/12/08											
8.													
9.													
10.													
11.													
12.													
13.													
14.													
15.													
	TOTAL NUMBER OF CONTAINERS				18								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Corrie Bondy / CRA	3/10/08	1745			
AIRBILL NO. 8677 4940 1177							

Sample Condition

Temp in C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: Corrie Bondy Date: 3/10/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

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North Cantor

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 2 OF 4

ID # N2 08195

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA	Laboratory: Test America	
Address: 1496 Sheldon Rd Ste 200 Plymouth MI 48170	Copy To: Terri Guzman/CRA	Laboratory Location: North Canton OH	
	Invoice To: Dale Sewell/CRA	Laboratory Contact: Denise Heckler	TAT: 1 week 2m 03/12/08
	P.O.:	Requested Due Date:	
Phone: (734) 453-5173	Project Name: GM Validation	QA/QC Requirements: as per SSOW	
Fax: (734) 453-5201	Project Number: 17322		
E-mail: pwiseman@craworld.com			

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Sample Identification:

	Sample Identification	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analyses and Method: TAL SVOC	TAL PCB	Siesmith minilab	Total cyanide	Ignitability, chemistry	Ignitability, chemistry (reactivity)	fraction analysis (soil if to ag)					Remarks/Lab ID
1.	SO-17322-03[illegible]08-CB-003	SO	3/10/08	1100	1	1						X	X	X	X	X	X	X					
2.	SO-17322-031008-CB-005	"	"	1140	1	1						X	X	X	X	X	X	X					
3.	" " " " -007	"	"	1235	1	1						X	X	X	X	X	X	X					
4.	" " " " -009	"	"	1410	1	1						X	X	X	X	X	X	X					
5.	↓ ↓ ↓ ↓ -012	↓	↓	1520	1	1						X	X	X	X	X	X	X					
6.																							
7.																							
8.																							
9.																							
10.																							
11.																							
12.																							
13.																							
14.																							
15.																							
	TOTAL NUMBER OF CONTAINERS				5																		

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Connie Bondy/CRA	3/10/08	1745			
AIRBILL NO. 9627 4900 1199							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Connie Bondy

Sampler Signature: Connie Bondy Date: 3/10/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

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TestAmerica Cooler Receipt Form/Narrative **Lot Number: ABC110158**

North Canton Facility

Client CRA Project Gm Validation By: [signature]

Cooler Received on 3-11-08 Opened on 3-11-08 (Signature)

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____

TestAmerica Cooler # _____ Multiple Coolers ☑ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☑
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☑ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☑
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☐ No ☑

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

_____

_____

_____

_____

_____

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). *Nitric Acid Lot# 071707-HNO_3; Sulfuric Acid Lot# 092006-H_2SO_4; Sodium Hydroxide Lot# 122805 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH_3COO_2ZN/NaOH.*

What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
241-179	3.6	FR	ICE
607	2.8	"	"
710	3.2	"	"

Discrepancies Cont'd:

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 4

ID # Nº 08199

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI 48170	Copy To: Terry Bayman/CRA
	Invoice To: Carla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: 1 week
QA/QC Requirements:	as per SOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL SVOC	TCL PCB	site specific TAL Metals	Total cyanide	hexavalent chromium	trivalent chromium	fractionated lead if total > 75 mg/kg	Remarks/Lab ID
1. SO-17322-031108-CB-015	SO	3/11/08	835	3	3						X	X	X	X	X	X	X	MS/MSD
2. -018	SO	3/11/08	1205	1	1						X	X	X	X	X	X	X	
3. -019 CB.			1320 CB															
4. SO-17322-031108-CB-020	SO	3/11/08	1330	1	1						X	X	X	X	X	X	X	
5. -021			1340	1	1						X	X	X	X	X	X	X	
6. -023			1415	1	1						X	X	X	X	X	X	X	
7. -024			1500	1	1						X	X	X	X	X	X	X	
8. -025			1505	1	1						X	X	X	X	X	X	X	
9. -029			1605	1	1						X	X	X	X	X	X	X	
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		
TOTAL NUMBER OF CONTAINERS				10														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
Fed Ex	2	Connie Bondy / CRA	3/11/08	1730	Diana Mangum	3/12/08	920
AIRBILL NO. 8627 4940 1225							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Connie Bondy

Sampler Signature: Bondy Date: 3/11/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 0 (6/04)

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 4

ID # Nº 08198

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI 48170	Copy To: Terry Cowman / CRA
	Invoice To: Darla Stewart / CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: 1 week
QA/QC Requirements:	as per SSOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: Hexane / organic-free water	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: methanol	Analysis and Method: TCL VOCs	Remarks/Lab ID
1.	SO-17322-031108-CB-015	SO	3/11/08	835	9		6				3	X	MS/MSD
2.	-018			1205	3		2				1	X	
3.	-020			1330	3		2				1	X	
4.	-021			1340	3		2				1	X	
5.	-023			1415	3		2				1	X	
6.	-024			1500	3		2				1	X	
7.	-025			1505	3		2				1	X	
8.	-029			1605	3		2				1	X	
9.	TB -001	WSO		—	3		2				1	X	
10.													
11.													
12.													
13.													
14.													
15.													
	TOTAL NUMBER OF CONTAINERS				33								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	3/11/08	1730	Elaine Mangum	3/12/08	920
AIRBILL NO. 8627 4940 1214							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 3/11/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6 04)

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** ABC120185
North Canton Facility

Client CRA Project GM Validation By: Alaina Marquin (Signature)
Cooler Received on 3/12/08 Opened on 3/12/08
FedEx [X] UPS [ ] DHL [ ] FAS [ ] Stetson [ ] Client Drop Off [ ] TestAmerica Courier [ ] Other
TestAmerica Cooler # Sec Multiple Coolers [X] Foam Box [ ] Client Cooler [ ] Other

1. Were custody seals on the outside of the cooler(s)? Yes [ ] No [X] Intact? Yes [ ] No [ ] NA [X]
   If YES, Quantity
   Were custody seals on the outside of cooler(s) signed and dated? Yes [ ] No [ ] NA [X]
   Were custody seals on the bottle(s)? Yes [ ] No [X]
   If YES, are there any exceptions?
2. Shippers' packing slip attached to the cooler(s)? Yes [X] No [ ]
3. Did custody papers accompany the sample(s)? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Were the custody papers signed in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [X] None [ ] Other
6. Cooler temperature upon receipt °C See back of form for multiple coolers/temps [ ]
   METHOD: IR [X] Other [ ]
   COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]
7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels be reconciled with the COC? Yes [X] No [ ]
9. Were sample(s) at the correct pH upon receipt? Yes [ ] No [ ] NA [X]
10. Were correct bottle(s) used for the test(s) indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [ ] NA [X]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]
13. Was a trip blank present in the cooler(s)? Yes [X] No [ ] Were VOAs on the COC? Yes [X] No [ ]

Contacted PM _____ Date _____ by _____ via Verbal [ ] Voice Mail [ ] Other [ ]
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:
COC = -024 @ 1500 label = -024 @ 1505 (1X500)
COC = -025 @ 1505 label = -025 @ 1500 (1X500)
Will log both per COC.

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). *Nitric Acid Lot# 071707-HNO_3; Sulfuric Acid Lot# 092006-H_2SO_4; Sodium Hydroxide Lot# 122805 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH_3COO_2ZN/NaOH.*
What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
241-712	3.4	IR	Wet ice
241-689	1.3	"	"

Discrepancies Cont'd:

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 4

ID # Nº 08204

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Hecker
Requested Due Date:	TAT: 1 week
QA/QC Requirements:	as per SSOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL SVOC	TCL PCB	Site specific TAL Metals	Total cyanide	Hexavalent chromium	Trivalent chromium	Fractionated lead (if total > 75 mg/kg)	Remarks/Lab ID
1.	SO-17322-031208-CB-032	SO	3/12/08	825	1	1						X	X	X	X	X	X	X	
2.	-034			850	1	1						X	X	X	X	X	X	X	
3.	-035			900	1	1						X	X	X	X	X	X	X	
4.	-037			1240	1	1						X	X	X	X	X	X	X	
5.	-040			1340	3	3						X	X	X	X	X	X	X	MS/MSD
6.	-043			1450	1	1						X	X	X	X	X	X		
7.	-047			1625	1	1						X	X	X	X	X	X	X	
8.	-048			1630	1	1						X	X	X	X	X	X	X	
9.	-050			1700	1	1						X	X	X	X	X	X	X	
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			
	TOTAL NUMBER OF CONTAINERS				11														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	4	Corrie Bondy / CRA	3/12/08	1825		3/13/08	0930
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: Corrie Bondy Date: 3/12/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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ID # Nº 08203

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Cayman / CRA
	Invoice To: Darla Stewart / CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date: —	TAT: 1 week
QA/QC Requirements: as per SSOW	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: ~~HCl~~ organic free water	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: methanol	Analysis and Method: TCL VOC	Remarks/Lab ID
1.	SO-17322-031208-CB-032	SO	3/12/08	825	3		2				1	X	
2.	-034			850	3		2				1	X	
3.	-035			900	3		2				1	X	
4.	-037			1240	3		2				1	X	
5.	-040			1340	9		6				3	X	MS/MSD
6.	-043			1450	3		2				1	X	
7.	-047			1625	3		2				1	X	
8.	-048			1630	3		2				1	X	
9.	-050			1700	3		2				1	X	
10.	TB -001	WSO		—	3		2				1	X	
11.													
12.													
13.													
14.													
15.													
	TOTAL NUMBER OF CONTAINERS				36								

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	4	Corrie Bondy / CRA	3/12/08	1820	[signature] AL	3/13/08	0830
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 3/12/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

TestAmerica Cooler Receipt Form/Narrative — North Canton Facility

Lot Number: A8C130140

Client CRA Project GM Validation Quote # _____

Cooler Received on 3/13/08 Opened on 3/13/08 By _____ (Signature)

FedEx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐

Stetson ☐ US Cargo ☐ Other _____

TestAmerica Cooler # See back Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? ~~Yes~~ ☒ No ☒ 3/13/08 Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were custody seals on the outside of cooler signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottles? Yes ☐ No ☒
   If YES, are there any exceptions _____
2. Shipper's packing slip attached to this form? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temps)

METHOD: IR ☒ Other ☐ _____

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*

What time was preservative added to sample(s)? _____

Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant
241-581	1.8	IR	Ice
241-715	1.2	1	1
241-696	0.6		
241-590	1.3		

Discrepancies Cont'd

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 3

ID # Nº 07941

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200 Plymouth, MI, 48170	Copy To: Terry Cayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734)453-5123	Project Name: GM Validation
Fax: (734)453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	——— TAT: 1 week
QA/QC Requirements:	as per SSOW

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: ~~HCl~~ organic free water	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: methanol	Analysis and Method: TCL VOC	TCL SVOC	TCL PCB	Site specific TAL metals	Total cyanide	Hexavalent chromium	Trivalent chromium	Regulated lead (if TCLP > 5 mg/L)	Remarks/Lab ID
1.	SO-17322-031308-CB-053	SO	3/13/08 CB	830	4	1	2				1	X	X	X	X	X	X	X	X	
2.	↓ ↓ ↓ ↓ -055	↓	↓	1115	4	1	2				1	X	X	X	X	X	X	X	X	
3.	TB ↓ ↓ ↓ -001	SOQ	↓	———	3		2				1	X								
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				
11.																				
12.																				
13.																				
14.																				
15.																				
	TOTAL NUMBER OF CONTAINERS				11															

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Corrie Bondy / CRA	3/13/08	1800	[signature] TAL	3/14/08	0930
AIRBILL NO. 8652 7322 6050							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: Cbondy Date: 3/13/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 3

ID # Nº 08346

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA	Laboratory: Test America	
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gayman / CRA	Laboratory Location: North Canton, OH	
	Invoice To: Darla Stewart / CRA	Laboratory Contact: Denise Heckler	
	P.O.:	Requested Due Date: —	TAT: Standard
Phone: (734) 453-5123	Project Name: GM Validation	QA/QC Requirements: as per SSOW	
Fax: (734) 453-5201	Project Number: 17322		
E-mail: pwiseman@craworld.com			

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: HCl organic free water	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: Methanol	TCL VOC	TCL SVOC	TCL PCBs	Site TAL metals + boron	total cyanide	hexavalent chromium	trivalent chromium	fractionated lead (if total > 75 mg/kg)				Remarks/Lab ID
1. SO-17322-031308-OB-059	SO	3/13/08	1435	4	1	2				1	X	X	X	X	X	X	X	X				
2. -060	SO		1510	4	1	2				1	X	X	X	X	X	X	X	X				
3. -061	SO		1600	4	1	2				1	X	X	X	X	X	X	X	X				
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
TOTAL NUMBER OF CONTAINERS				12																		

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Corrie Bondy / CRA	3/13/08	1800	TAL	3/14/08	0930
AIRBILL NO. 8652 7322 6050							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 3/13/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 480-40235
North Canton Facility

Client CRA Project _____ By: _____
Cooler Received on 3-14-8 Opened on 3-14-8 (Signature)
FedEx ☑ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # 241-577 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☑ Intact? Yes ☐ No ☐ NA ☑
   If YES, Quantity _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☑
   Were custody seals on the bottle(s)? Yes ☐ No ☑
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☑ None ☐ Other _____
6. Cooler temperature upon receipt 4.3 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☑ Other ☐ _____
   COOLANT: Wet Ice ☑ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☑ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☑
10. Were correct bottle(s) used for the test(s) indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☑
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

_____

_____

_____

_____

_____

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). *Nitric Acid Lot# 071707-HNO_3; Sulfuric Acid Lot# 092006-H_2SO_4; Sodium Hydroxide Lot# 122805 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH_3COO_2ZN/NaOH.*
What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant

Discrepancies Cont'd

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 3

ID # Nº 07996

SSOW Ref. Code: E11102J

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd. Suite 200, Plymouth, MI. 48170	Copy To: Terry Gaymon / CRA
	Invoice To: Darla Stewart / CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory:	Test America,
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: Standard
QA/QC Requirements:	as per SSOW

Analysis and Method

Preservative

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	~~H2O~~ organic free water	H2SO4	HNO3	NaOH	Other: Methanol	TCL VOC	TCL SVOC	TCL PCB	Site specific TAL metals	Total cyanide	Hexavalent chromium	Trivalent chromium	Fractionated lead (if total > 75 mg/kg)			Remarks/Lab ID
1. SO-17322-031408-CB-062	SO	3/14/08	810	4	1	2				1	X	X	X	X	X	X	X	X			
2. SO-17322-031408-CB-069	SO	3/14/08	1050	4	1	2				1	X	X	X	X	X	X	X	X			
3.																					
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					* END OF BATCH *
11.																					
12.																					
13.																					
14.																					
15.																					
TOTAL NUMBER OF CONTAINERS				8																	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Corrie Bondy / CRA	3/14/08	1300	TKL/NC	3/15/08	950
AIRBILL NO. 8652 7322 6040							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 3/14/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6 04)

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

GM REALM ENCORE

PAGE 2 OF 3

ID # Nº 07997

SSOW Ref. Code: E111021

Required Client Information:

Company:	CRA	Report To:	Paul Wiseman / CRA
Address:	14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To:	Terry Gaumer / CRA
		Invoice To:	Darla Stewart / CRA
		P.O.:	
Phone:	(734) 453-5123	Project Name:	GM Validation
Fax:	(734) 453-5201	Project Number:	17322
E-mail:	pwiseman@craworld.com		

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	— TAT: 1 week
QA/QC Requirements:	as per SSOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	Preservative: 1:1 organic free water	Preservative: H2SO4	Preservative: HNO3	Preservative: NaOH	Preservative: Other: methanol	TCL VOC	TCL SVOC	TCL PCB	Site specific TAL metals	Total cyanide	Hexavalent chromium	Trivalent chromium	Perchlorate	Total STS mg/kg			Remarks/Lab ID
1.	SO-17322-031408-CB-063	SO	3/14/08	930	4	1	2				1	X	X	X	X	X	X	X	X				
2.	SO-17322-031408-CB-067	SO	↓	1000	4	1	2				1	X	X	X	X	X	X	X	X				
3.	TB-17322-031408-CB-001	SOQ	↓	—	3		2				1	X	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~	CB.			
4.																							
5.																							
6.																							
7.																							
8.																							
9.																							* END OF BATCH *
10.																							
11.																							
12.																							
13.																							
14.																							
15.																							
	TOTAL NUMBER OF CONTAINERS				11																		

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Corrie Bondy / CRA	3/14/08	1300	TAL NC	3/15/08	950
AIRBILL NO. 8652 7322 6040							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 3/14/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV: 0 (6 04)

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** A8C150172
North Canton Facility

Client CRA PLYMOUTH Project GM VALIDATION By: _____ (Signature)
Cooler Received on 15 MAR 2008 Opened on 15 MAR 2008
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # 24713 Multiple Coolers ☐ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other BAG ICE
6. Cooler temperature upon receipt 2.8 °C See back of form for multiple coolers/temps ☐
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☐ No ☐ NA ☒
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☐ NA ☒
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

_____

_____

_____

_____

_____

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). *Nitric Acid Lot# 071707-HNO_3; Sulfuric Acid Lot# 092006-H_2SO_4; Sodium Hydroxide Lot# 122805 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH_3COO_2ZN/NaOH.*
What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant

Discrepancies Cont'd

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: WG-17322-031008-MC-001

GC/MS Volatiles

Lot-Sample #...: A8C110158-020 **Work Order #...:** KJCP51AA **Matrix.....:** WG
Date Sampled...: 03/10/08 13:50 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078055
Dilution Factor: 4 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	4.0	ug/L	0.48
1,3,5-Trimethylbenzene	ND	4.0	ug/L	0.38
Acetone	**180**	**100**	**ug/L**	**4.4**
Benzene	ND	4.0	ug/L	0.52
Bromodichloromethane	ND	4.0	ug/L	0.60
Bromoform	ND	4.0	ug/L	2.6
Bromomethane	ND	4.0	ug/L	1.6
2-Butanone	**36 J**	**100**	**ug/L**	**2.3**
Carbon disulfide	ND	20	ug/L	0.52
Carbon tetrachloride	ND	4.0	ug/L	0.52
Chlorobenzene	ND	4.0	ug/L	0.60
Chloroethane	ND	4.0	ug/L	1.2
Chloroform	ND	4.0	ug/L	0.64
Chloromethane	ND	4.0	ug/L	1.2
Cyclohexane	ND	4.0	ug/L	0.48
Dibromochloromethane	ND	4.0	ug/L	0.72
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L	2.7
1,2-Dibromoethane	ND	4.0	ug/L	0.96
1,2-Dichlorobenzene	ND	4.0	ug/L	0.52
1,3-Dichlorobenzene	ND	4.0	ug/L	0.56
1,4-Dichlorobenzene	ND	4.0	ug/L	0.52
Dichlorodifluoromethane	ND	4.0	ug/L	1.2
1,1-Dichloroethane	ND	4.0	ug/L	0.60
1,2-Dichloroethane	ND	4.0	ug/L	0.88
1,1-Dichloroethene	ND	4.0	ug/L	0.76
cis-1,2-Dichloroethene	ND	4.0	ug/L	0.68
trans-1,2-Dichloroethene	ND	4.0	ug/L	0.76
1,2-Dichloropropane	ND	4.0	ug/L	0.72
cis-1,3-Dichloropropene	ND	4.0	ug/L	0.56
trans-1,3-Dichloropropene	ND	4.0	ug/L	0.76
Ethylbenzene	ND	4.0	ug/L	0.68
2-Hexanone	**3.8 J**	**200**	**ug/L**	**1.6**
Isopropylbenzene	ND	20	ug/L	0.52
Methyl acetate	ND	40	ug/L	1.5
Methylene chloride	**2.6 J,B**	**20**	**ug/L**	**1.3**
Methylcyclohexane	ND	4.0	ug/L	0.52
4-Methyl-2-pentanone	**7.6 J**	**200**	**ug/L**	**1.3**

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: WG-17322-031008-MC-001

GC/MS Volatiles

Lot-Sample #...: A8C110158-020 **Work Order #...:** KJCP51AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	20	ug/L	0.68
Styrene	ND	4.0	ug/L	0.44
1,1,2,2-Tetrachloroethane	ND	4.0	ug/L	0.72
Tetrachloroethene	ND	4.0	ug/L	1.2
Toluene	ND	4.0	ug/L	0.52
1,2,4-Trichloro-benzene	ND	20	ug/L	0.60
1,1,1-Trichloroethane	ND	4.0	ug/L	0.88
1,1,2-Trichloroethane	ND	4.0	ug/L	1.1
Trichloroethene	ND	4.0	ug/L	0.68
Trichlorofluoromethane	ND	4.0	ug/L	0.84
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/L	1.1
Vinyl chloride	ND	4.0	ug/L	0.88
Xylenes (total)	ND	8.0	ug/L	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	93	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: WG-17322-031008-MC-002

GC/MS Volatiles

Lot-Sample #...: A8C110158-021 **Work Order #...:** KJCP61AA **Matrix.....:** WG
Date Sampled...: 03/10/08 14:45 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078055
Dilution Factor: 2.5 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	2.5	ug/L	0.30
1,3,5-Trimethylbenzene	ND	2.5	ug/L	0.24
Acetone	**79**	**62**	**ug/L**	**2.8**
Benzene	ND	2.5	ug/L	0.32
Bromodichloromethane	ND	2.5	ug/L	0.38
Bromoform	ND	2.5	ug/L	1.6
Bromomethane	ND	2.5	ug/L	1.0
2-Butanone	**14 J**	**62**	**ug/L**	**1.4**
Carbon disulfide	**1.8 J**	**12**	**ug/L**	**0.32**
Carbon tetrachloride	ND	2.5	ug/L	0.32
Chlorobenzene	ND	2.5	ug/L	0.38
Chloroethane	ND	2.5	ug/L	0.72
Chloroform	ND	2.5	ug/L	0.40
Chloromethane	ND	2.5	ug/L	0.75
Cyclohexane	ND	2.5	ug/L	0.30
Dibromochloromethane	ND	2.5	ug/L	0.45
1,2-Dibromo-3-chloro-propane	ND	2.5	ug/L	1.7
1,2-Dibromoethane	ND	2.5	ug/L	0.60
1,2-Dichlorobenzene	ND	2.5	ug/L	0.32
1,3-Dichlorobenzene	ND	2.5	ug/L	0.35
1,4-Dichlorobenzene	ND	2.5	ug/L	0.32
Dichlorodifluoromethane	ND	2.5	ug/L	0.78
1,1-Dichloroethane	ND	2.5	ug/L	0.38
1,2-Dichloroethane	ND	2.5	ug/L	0.55
1,1-Dichloroethene	ND	2.5	ug/L	0.48
cis-1,2-Dichloroethene	**0.60 J**	**2.5**	**ug/L**	**0.42**
trans-1,2-Dichloroethene	ND	2.5	ug/L	0.48
1,2-Dichloropropane	ND	2.5	ug/L	0.45
cis-1,3-Dichloropropene	ND	2.5	ug/L	0.35
trans-1,3-Dichloropropene	ND	2.5	ug/L	0.48
Ethylbenzene	ND	2.5	ug/L	0.42
2-Hexanone	ND	120	ug/L	1.0
Isopropylbenzene	ND	12	ug/L	0.32
Methyl acetate	ND	25	ug/L	0.95
Methylene chloride	**1.3 J,B**	**12**	**ug/L**	**0.82**
Methylcyclohexane	ND	2.5	ug/L	0.32
4-Methyl-2-pentanone	**3.0 J**	**120**	**ug/L**	**0.80**

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: WG-17322-031008-MC-002

GC/MS Volatiles

Lot-Sample #...: A8C110158-021 **Work Order #...:** KJCP61AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	12	ug/L	0.42
Styrene	ND	2.5	ug/L	0.28
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L	0.45
Tetrachloroethene	ND	2.5	ug/L	0.72
Toluene	**0.58 J**	**2.5**	**ug/L**	**0.32**
1,2,4-Trichloro-benzene	ND	12	ug/L	0.38
1,1,1-Trichloroethane	ND	2.5	ug/L	0.55
1,1,2-Trichloroethane	ND	2.5	ug/L	0.68
Trichloroethene	ND	2.5	ug/L	0.42
Trichlorofluoromethane	ND	2.5	ug/L	0.52
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	2.5	ug/L	0.70
Vinyl chloride	**0.79 J**	**2.5**	**ug/L**	**0.55**
Xylenes (total)	ND	5.0	ug/L	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	93	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031008-MC-005

GC/MS Volatiles

Lot-Sample #...: A8C110158-024 **Work Order #...:** KJCP91AA **Matrix.....:** WQ
Date Sampled...: 03/10/08 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078055
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**1.3 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031008-MC-005

GC/MS Volatiles

Lot-Sample #...: A8C110158-024 **Work Order #...:** KJCP91AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	97	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

GC/MS Volatiles

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA1AC **Matrix.....:** SO
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.66 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	4.9
Benzene	ND	3.9	ug/kg	0.18
Bromodichloromethane	ND	3.9	ug/kg	0.22
Bromoform	ND	3.9	ug/kg	0.26
Bromomethane	ND	3.9	ug/kg	0.42
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	3.9	ug/kg	0.34
Carbon tetrachloride	ND	3.9	ug/kg	0.29
Chlorobenzene	ND	3.9	ug/kg	0.26
Dibromochloromethane	ND	3.9	ug/kg	0.43
1,2-Dibromo-3-chloro-propane	ND	7.8	ug/kg	1.0
Chloroethane	ND	3.9	ug/kg	0.67
Chloroform	ND	3.9	ug/kg	0.23
Chloromethane	ND	3.9	ug/kg	0.32
Cyclohexane	ND	7.8	ug/kg	0.26
1,2-Dibromoethane	ND	3.9	ug/kg	0.39
1,2-Dichlorobenzene	ND	3.9	ug/kg	0.28
1,3-Dichlorobenzene	ND	3.9	ug/kg	0.27
1,4-Dichlorobenzene	ND	3.9	ug/kg	0.51
Dichlorodifluoromethane	ND	3.9	ug/kg	0.39
1,1-Dichloroethane	ND	3.9	ug/kg	0.28
1,2-Dichloroethane	ND	3.9	ug/kg	0.26
1,1-Dichloroethene	ND	3.9	ug/kg	0.40
cis-1,2-Dichloroethene	ND	3.9	ug/kg	0.28
trans-1,2-Dichloroethene	ND	3.9	ug/kg	0.32
1,2-Dichloropropane	ND	3.9	ug/kg	0.54
cis-1,3-Dichloropropene	ND	3.9	ug/kg	0.26
trans-1,3-Dichloropropene	ND	3.9	ug/kg	0.42
Ethylbenzene	ND	3.9	ug/kg	0.20
Trichlorofluoromethane	ND	3.9	ug/kg	0.26
2-Hexanone	ND	16	ug/kg	0.49
Isopropylbenzene	ND	3.9	ug/kg	0.12
Methyl acetate	ND	7.8	ug/kg	1.1
Methylcyclohexane	ND	7.8	ug/kg	0.24
Methylene chloride	**0.70 J,B**	**3.9**	**ug/kg**	**0.52**
4-Methyl-2-pentanone	ND	16	ug/kg	0.42
Styrene	ND	3.9	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

GC/MS Volatiles

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.9	ug/kg	0.26
Tetrachloroethene	ND	3.9	ug/kg	0.40
Toluene	ND	3.9	ug/kg	0.21
1,2,4-Trichloro-benzene	ND	3.9	ug/kg	0.21
1,1,1-Trichloroethane	ND	3.9	ug/kg	0.44
1,1,2-Trichloroethane	ND	3.9	ug/kg	0.30
Trichloroethene	ND	3.9	ug/kg	0.33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.9	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	3.9	ug/kg	0.51
1,3,5-Trimethylbenzene	ND	3.9	ug/kg	0.19
Vinyl chloride	ND	3.9	ug/kg	0.30
Xylenes (total)	ND	7.8	ug/kg	0.52
Methyl tert-butyl ether	ND	16	ug/kg	0.33

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	73	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

GC/MS Volatiles

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD1CA **Matrix.....:** SO
Date Sampled...: 03/10/08 11:40 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079344
Dilution Factor: 1 **Initial Wgt/Vol:** 14.6 g **Final Wgt/Vol..:** 14.6 mL
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	93	ug/kg	30
1,3,5-Trimethylbenzene	ND	93	ug/kg	29
Acetone	ND	700	ug/kg	110
Benzene	ND	46	ug/kg	7.4
Bromodichloromethane	ND	93	ug/kg	14
Bromoform	ND	93	ug/kg	15
Bromomethane	ND	230	ug/kg	29
2-Butanone	ND	700	ug/kg	57
Carbon disulfide	ND	230	ug/kg	23
Carbon tetrachloride	ND	46	ug/kg	14
Chlorobenzene	ND	46	ug/kg	7.3
Chloroethane	ND	230	ug/kg	75
Chloroform	ND	46	ug/kg	14
Chloromethane	ND	230	ug/kg	6.0
Cyclohexane	ND	1100	ug/kg	8.9
Dibromochloromethane	ND	46	ug/kg	8.0
1,2-Dibromo-3-chloro-propane	ND	230	ug/kg	70
1,2-Dibromoethane	ND	230	ug/kg	11
1,2-Dichlorobenzene	ND	93	ug/kg	20
1,3-Dichlorobenzene	ND	93	ug/kg	8.4
1,4-Dichlorobenzene	ND	93	ug/kg	9.2
Dichlorodifluoromethane	ND	93	ug/kg	6.3
1,1-Dichloroethane	ND	46	ug/kg	8.5
1,2-Dichloroethane	ND	46	ug/kg	11
1,1-Dichloroethene	ND	46	ug/kg	9.6
cis-1,2-Dichloroethene	ND	46	ug/kg	16
trans-1,2-Dichloroethene	ND	46	ug/kg	13
1,2-Dichloropropane	ND	46	ug/kg	8.6
cis-1,3-Dichloropropene	ND	46	ug/kg	6.4
trans-1,3-Dichloropropene	ND	46	ug/kg	6.3
Ethylbenzene	ND	46	ug/kg	7.9
2-Hexanone	ND	2300	ug/kg	28
Isopropylbenzene	ND	230	ug/kg	5.9
Methyl acetate	ND	1100	ug/kg	60
Methylene chloride	ND	230	ug/kg	110
Methylcyclohexane	ND	1100	ug/kg	6.6
4-Methyl-2-pentanone	ND	2300	ug/kg	13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

GC/MS Volatiles

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD1CA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	230	ug/kg	12
Styrene	ND	46	ug/kg	32
1,1,2,2-Tetrachloroethane	ND	46	ug/kg	9.5
Tetrachloroethene	ND	46	ug/kg	10
Toluene	ND	93	ug/kg	11
1,2,4-Trichloro-benzene	ND	230	ug/kg	14
1,1,1-Trichloroethane	ND	46	ug/kg	11
1,1,2-Trichloroethane	ND	46	ug/kg	11
Trichloroethene	ND	46	ug/kg	14
Trichlorofluoromethane	ND	93	ug/kg	9.6
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	230	ug/kg	12
Vinyl chloride	ND	37	ug/kg	19
Xylenes (total)	ND	140	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	100	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

GC/MS Volatiles

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF1A1 **Matrix.....:** SO
Date Sampled...: 03/10/08 12:35 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.75 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.3
Benzene	ND	4.2	ug/kg	0.19
Bromodichloromethane	ND	4.2	ug/kg	0.24
Bromoform	ND	4.2	ug/kg	0.28
Bromomethane	ND	4.2	ug/kg	0.46
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.2	ug/kg	0.37
Carbon tetrachloride	ND	4.2	ug/kg	0.31
Chlorobenzene	ND	4.2	ug/kg	0.28
Dibromochloromethane	ND	4.2	ug/kg	0.47
1,2-Dibromo-3-chloro-propane	ND	8.5	ug/kg	1.1
Chloroethane	ND	4.2	ug/kg	0.73
Chloroform	ND	4.2	ug/kg	0.25
Chloromethane	ND	4.2	ug/kg	0.35
Cyclohexane	ND	8.5	ug/kg	0.28
1,2-Dibromoethane	ND	4.2	ug/kg	0.42
1,2-Dichlorobenzene	ND	4.2	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.2	ug/kg	0.30
1,4-Dichlorobenzene	ND	4.2	ug/kg	0.56
Dichlorodifluoromethane	ND	4.2	ug/kg	0.42
1,1-Dichloroethane	ND	4.2	ug/kg	0.30
1,2-Dichloroethane	ND	4.2	ug/kg	0.29
1,1-Dichloroethene	ND	4.2	ug/kg	0.44
cis-1,2-Dichloroethene	ND	4.2	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.2	ug/kg	0.35
1,2-Dichloropropane	ND	4.2	ug/kg	0.58
cis-1,3-Dichloropropene	ND	4.2	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.2	ug/kg	0.46
Ethylbenzene	ND	4.2	ug/kg	0.22
Trichlorofluoromethane	**1.2 J**	**4.2**	**ug/kg**	**0.29**
2-Hexanone	ND	17	ug/kg	0.53
Isopropylbenzene	ND	4.2	ug/kg	0.14
Methyl acetate	ND	8.5	ug/kg	1.2
Methylcyclohexane	ND	8.5	ug/kg	0.26
Methylene chloride	**1.0 J,B**	**4.2**	**ug/kg**	**0.57**
4-Methyl-2-pentanone	ND	17	ug/kg	0.46
Styrene	ND	4.2	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

GC/MS Volatiles

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF1A1 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.2	ug/kg	0.29
Tetrachloroethene	ND	4.2	ug/kg	0.44
Toluene	ND	4.2	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.2	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.2	ug/kg	0.47
1,1,2-Trichloroethane	ND	4.2	ug/kg	0.33
Trichloroethene	ND	4.2	ug/kg	0.36
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.2	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.2	ug/kg	0.55
1,3,5-Trimethylbenzene	ND	4.2	ug/kg	0.21
Vinyl chloride	ND	4.2	ug/kg	0.33
Xylenes (total)	ND	8.5	ug/kg	0.57
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	70	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
Toluene-d8	64	(60 - 143)
4-Bromofluorobenzene	65	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

GC/MS Volatiles

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG1AC **Matrix.....:** SO
Date Sampled...: 03/10/08 14:10 **Date Received..:** 03/11/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.77 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.4
Benzene	ND	4.3	ug/kg	0.20
Bromodichloromethane	ND	4.3	ug/kg	0.24
Bromoform	ND	4.3	ug/kg	0.29
Bromomethane	ND	4.3	ug/kg	0.47
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.3	ug/kg	0.38
Carbon tetrachloride	ND	4.3	ug/kg	0.32
Chlorobenzene	ND	4.3	ug/kg	0.29
Dibromochloromethane	ND	4.3	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.6	ug/kg	1.1
Chloroethane	ND	4.3	ug/kg	0.74
Chloroform	ND	4.3	ug/kg	0.25
Chloromethane	ND	4.3	ug/kg	0.35
Cyclohexane	ND	8.6	ug/kg	0.29
1,2-Dibromoethane	ND	4.3	ug/kg	0.43
1,2-Dichlorobenzene	ND	4.3	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.3	ug/kg	0.30
1,4-Dichlorobenzene	ND	4.3	ug/kg	0.57
Dichlorodifluoromethane	ND	4.3	ug/kg	0.43
1,1-Dichloroethane	ND	4.3	ug/kg	0.31
1,2-Dichloroethane	ND	4.3	ug/kg	0.29
1,1-Dichloroethene	ND	4.3	ug/kg	0.45
cis-1,2-Dichloroethene	ND	4.3	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.3	ug/kg	0.35
1,2-Dichloropropane	ND	4.3	ug/kg	0.60
cis-1,3-Dichloropropene	ND	4.3	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.3	ug/kg	0.47
Ethylbenzene	ND	4.3	ug/kg	0.22
Trichlorofluoromethane	ND	4.3	ug/kg	0.29
2-Hexanone	ND	17	ug/kg	0.54
Isopropylbenzene	ND	4.3	ug/kg	0.14
Methyl acetate	ND	8.6	ug/kg	1.2
Methylcyclohexane	ND	8.6	ug/kg	0.27
Methylene chloride	**2.7 J,B**	**4.3**	**ug/kg**	**0.58**
4-Methyl-2-pentanone	ND	17	ug/kg	0.47
Styrene	ND	4.3	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

GC/MS Volatiles

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.3	ug/kg	0.29
Tetrachloroethene	ND	4.3	ug/kg	0.45
Toluene	ND	4.3	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.3	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.3	ug/kg	0.48
1,1,2-Trichloroethane	ND	4.3	ug/kg	0.34
Trichloroethene	ND	4.3	ug/kg	0.36
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.3	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.3	ug/kg	0.56
1,3,5-Trimethylbenzene	ND	4.3	ug/kg	0.22
Vinyl chloride	ND	4.3	ug/kg	0.34
Xylenes (total)	ND	8.6	ug/kg	0.58
Methyl tert-butyl ether	ND	17	ug/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
1,2-Dichloroethane-d4	79	(61 - 130)
Toluene-d8	70	(60 - 143)
4-Bromofluorobenzene	71	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

GC/MS Volatiles

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH1AN **Matrix.....:** SO
Date Sampled...: 03/10/08 15:20 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.6 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 9.2 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	13	ug/kg	4.2
Benzene	ND	3.3	ug/kg	0.15
Bromodichloromethane	ND	3.3	ug/kg	0.18
Bromoform	ND	3.3	ug/kg	0.22
Bromomethane	ND	3.3	ug/kg	0.36
2-Butanone	ND	13	ug/kg	0.92
Carbon disulfide	ND	3.3	ug/kg	0.29
Carbon tetrachloride	ND	3.3	ug/kg	0.24
Chlorobenzene	ND	3.3	ug/kg	0.22
Dibromochloromethane	ND	3.3	ug/kg	0.36
1,2-Dibromo-3-chloro-propane	ND	6.6	ug/kg	0.86
Chloroethane	ND	3.3	ug/kg	0.57
Chloroform	ND	3.3	ug/kg	0.19
Chloromethane	ND	3.3	ug/kg	0.27
Cyclohexane	ND	6.6	ug/kg	0.22
1,2-Dibromoethane	ND	3.3	ug/kg	0.33
1,2-Dichlorobenzene	ND	3.3	ug/kg	0.24
1,3-Dichlorobenzene	ND	3.3	ug/kg	0.23
1,4-Dichlorobenzene	ND	3.3	ug/kg	0.44
Dichlorodifluoromethane	ND	3.3	ug/kg	0.33
1,1-Dichloroethane	ND	3.3	ug/kg	0.24
1,2-Dichloroethane	ND	3.3	ug/kg	0.22
1,1-Dichloroethene	ND	3.3	ug/kg	0.34
cis-1,2-Dichloroethene	ND	3.3	ug/kg	0.24
trans-1,2-Dichloroethene	ND	3.3	ug/kg	0.27
1,2-Dichloropropane	ND	3.3	ug/kg	0.46
cis-1,3-Dichloropropene	ND	3.3	ug/kg	0.22
trans-1,3-Dichloropropene	ND	3.3	ug/kg	0.36
Ethylbenzene	ND	3.3	ug/kg	0.17
Trichlorofluoromethane	ND	3.3	ug/kg	0.22
2-Hexanone	ND	13	ug/kg	0.42
Isopropylbenzene	ND	3.3	ug/kg	0.11
Methyl acetate	ND	6.6	ug/kg	0.92
Methylcyclohexane	ND	6.6	ug/kg	0.20
Methylene chloride	**0.67 J,B**	**3.3**	**ug/kg**	**0.44**
4-Methyl-2-pentanone	ND	13	ug/kg	0.36
Styrene	ND	3.3	ug/kg	0.099

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

GC/MS Volatiles

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.3	ug/kg	0.22
Tetrachloroethene	ND	3.3	ug/kg	0.34
Toluene	ND	3.3	ug/kg	0.18
1,2,4-Trichloro-benzene	ND	3.3	ug/kg	0.18
1,1,1-Trichloroethane	ND	3.3	ug/kg	0.37
1,1,2-Trichloroethane	ND	3.3	ug/kg	0.26
Trichloroethene	ND	3.3	ug/kg	0.28
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.3	ug/kg	0.86
1,2,4-Trimethylbenzene	ND	3.3	ug/kg	0.43
1,3,5-Trimethylbenzene	ND	3.3	ug/kg	0.17
Vinyl chloride	ND	3.3	ug/kg	0.26
Xylenes (total)	ND	6.6	ug/kg	0.44
Methyl tert-butyl ether	ND	13	ug/kg	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	71	(59 - 138)
1,2-Dichloroethane-d4	75	(61 - 130)
Toluene-d8	70	(60 - 143)
4-Bromofluorobenzene	82	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031008-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C110158-030 **Work Order #...:** KJC5C1AA **Matrix.....:** SQ
Date Sampled...: 03/10/08 **Date Received..:** 03/11/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	**0.81 J,B**	**5.0**	**ug/kg**	**0.67**
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031008-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C110158-030 **Work Order #...:** KJC5C1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	79	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031008-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C110158-030 **Work Order #...:** KJC5C1AC **Matrix.....:** SQ
Date Sampled...: 03/10/08 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079344
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	80	ug/kg	26
1,3,5-Trimethylbenzene	ND	80	ug/kg	25
Acetone	ND	600	ug/kg	99
Benzene	ND	40	ug/kg	6.4
Bromodichloromethane	ND	80	ug/kg	12
Bromoform	ND	80	ug/kg	13
Bromomethane	ND	200	ug/kg	25
2-Butanone	**51 J**	**600**	**ug/kg**	**49**
Carbon disulfide	ND	200	ug/kg	20
Carbon tetrachloride	ND	40	ug/kg	12
Chlorobenzene	ND	40	ug/kg	6.3
Chloroethane	ND	200	ug/kg	65
Chloroform	ND	40	ug/kg	12
Chloromethane	ND	200	ug/kg	5.2
Cyclohexane	ND	960	ug/kg	7.7
Dibromochloromethane	ND	40	ug/kg	6.9
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	60
1,2-Dibromoethane	ND	200	ug/kg	9.9
1,2-Dichlorobenzene	ND	80	ug/kg	17
1,3-Dichlorobenzene	ND	80	ug/kg	7.2
1,4-Dichlorobenzene	ND	80	ug/kg	7.9
Dichlorodifluoromethane	ND	80	ug/kg	5.4
1,1-Dichloroethane	ND	40	ug/kg	7.3
1,2-Dichloroethane	ND	40	ug/kg	9.3
1,1-Dichloroethene	ND	40	ug/kg	8.3
cis-1,2-Dichloroethene	ND	40	ug/kg	14
trans-1,2-Dichloroethene	ND	40	ug/kg	11
1,2-Dichloropropane	ND	40	ug/kg	7.4
cis-1,3-Dichloropropene	ND	40	ug/kg	5.5
trans-1,3-Dichloropropene	ND	40	ug/kg	5.4
Ethylbenzene	ND	40	ug/kg	6.8
2-Hexanone	ND	2000	ug/kg	24
Isopropylbenzene	ND	200	ug/kg	5.1
Methyl acetate	ND	960	ug/kg	52
Methylene chloride	ND	200	ug/kg	99
Methylcyclohexane	ND	960	ug/kg	5.7
4-Methyl-2-pentanone	ND	2000	ug/kg	11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031008-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C110158-030 **Work Order #...:** KJC5C1AC **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	200	ug/kg	10
Styrene	ND	40	ug/kg	28
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	8.2
Tetrachloroethene	ND	40	ug/kg	9.0
Toluene	ND	80	ug/kg	9.1
1,2,4-Trichloro-benzene	ND	200	ug/kg	12
1,1,1-Trichloroethane	ND	40	ug/kg	9.5
1,1,2-Trichloroethane	ND	40	ug/kg	9.9
Trichloroethene	ND	40	ug/kg	12
Trichlorofluoromethane	ND	80	ug/kg	8.3
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	10
Vinyl chloride	ND	32	ug/kg	16
Xylenes (total)	ND	120	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	84	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
Toluene-d8	93	(60 - 143)
4-Bromofluorobenzene	90	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

GC/MS Volatiles

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT1AC **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8074407
Dilution Factor: 0.77 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.5
Benzene	ND	4.4	ug/kg	0.20
Bromodichloromethane	ND	4.4	ug/kg	0.24
Bromoform	ND	4.4	ug/kg	0.29
Bromomethane	ND	4.4	ug/kg	0.47
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.4	ug/kg	0.38
Carbon tetrachloride	ND	4.4	ug/kg	0.32
Chlorobenzene	ND	4.4	ug/kg	0.29
Dibromochloromethane	ND	4.4	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.7	ug/kg	1.1
Chloroethane	ND	4.4	ug/kg	0.75
Chloroform	ND	4.4	ug/kg	0.25
Chloromethane	ND	4.4	ug/kg	0.36
Cyclohexane	ND	8.7	ug/kg	0.29
1,2-Dibromoethane	ND	4.4	ug/kg	0.44
1,2-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.4	ug/kg	0.58
Dichlorodifluoromethane	ND	4.4	ug/kg	0.44
1,1-Dichloroethane	ND	4.4	ug/kg	0.31
1,2-Dichloroethane	ND	4.4	ug/kg	0.30
1,1-Dichloroethene	ND	4.4	ug/kg	0.45
cis-1,2-Dichloroethene	ND	4.4	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.4	ug/kg	0.36
1,2-Dichloropropane	ND	4.4	ug/kg	0.60
cis-1,3-Dichloropropene	ND	4.4	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.4	ug/kg	0.47
Ethylbenzene	ND	4.4	ug/kg	0.23
Trichlorofluoromethane	ND	4.4	ug/kg	0.30
2-Hexanone	ND	17	ug/kg	0.55
Isopropylbenzene	ND	4.4	ug/kg	0.14
Methyl acetate	ND	8.7	ug/kg	1.2
Methylcyclohexane	ND	8.7	ug/kg	0.27
Methylene chloride	ND	4.4	ug/kg	0.59
4-Methyl-2-pentanone	ND	17	ug/kg	0.47
Styrene	ND	4.4	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

GC/MS Volatiles

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.4	ug/kg	0.30
Tetrachloroethene	ND	4.4	ug/kg	0.45
Toluene	ND	4.4	ug/kg	0.24
1,2,4-Trichloro-benzene	ND	4.4	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.4	ug/kg	0.49
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.34
Trichloroethene	ND	4.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.4	ug/kg	0.57
1,3,5-Trimethylbenzene	ND	4.4	ug/kg	0.22
Vinyl chloride	ND	4.4	ug/kg	0.34
Xylenes (total)	ND	8.7	ug/kg	0.59
Methyl tert-butyl ether	ND	17	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	78	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	73	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

GC/MS Volatiles

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K1AN **Matrix.....:** SO
Date Sampled...: 03/11/08 12:05 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 0.71 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.0
Benzene	ND	4.0	ug/kg	0.18
Bromodichloromethane	ND	4.0	ug/kg	0.22
Bromoform	ND	4.0	ug/kg	0.26
Bromomethane	ND	4.0	ug/kg	0.43
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.0	ug/kg	0.35
Carbon tetrachloride	ND	4.0	ug/kg	0.29
Chlorobenzene	ND	4.0	ug/kg	0.26
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	8.0	ug/kg	1.0
Chloroethane	ND	4.0	ug/kg	0.68
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.33
Cyclohexane	ND	8.0	ug/kg	0.26
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.53
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.29
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.41
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.33
1,2-Dichloropropane	ND	4.0	ug/kg	0.55
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.43
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.50
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	8.0	ug/kg	1.1
Methylcyclohexane	ND	8.0	ug/kg	0.25
Methylene chloride	**1.6 J,B**	**4.0**	**ug/kg**	**0.53**
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

GC/MS Volatiles

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.41
Toluene	**0.29 J**	**4.0**	**ug/kg**	**0.22**
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.31
Trichloroethene	ND	4.0	ug/kg	0.33
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.52
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.31
Xylenes (total)	ND	8.0	ug/kg	0.53
Methyl tert-butyl ether	ND	16	ug/kg	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
Toluene-d8	71	(60 - 143)
4-Bromofluorobenzene	68	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

GC/MS Volatiles

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P1CD **Matrix.....:** SO
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079346
Dilution Factor: 1 **Initial Wgt/Vol:** 12.6 g **Final Wgt/Vol..:** 12.6 mL
% Moisture.....: 9.6 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	89	ug/kg	29
1,3,5-Trimethylbenzene	ND	89	ug/kg	28
Acetone	ND	660	ug/kg	110
Benzene	ND	44	ug/kg	7.1
Bromodichloromethane	ND	89	ug/kg	13
Bromoform	ND	89	ug/kg	14
Bromomethane	ND	220	ug/kg	28
2-Butanone	ND	660	ug/kg	54
Carbon disulfide	ND	220	ug/kg	22
Carbon tetrachloride	ND	44	ug/kg	13
Chlorobenzene	ND	44	ug/kg	7.0
Chloroethane	ND	220	ug/kg	72
Chloroform	ND	44	ug/kg	13
Chloromethane	ND	220	ug/kg	5.8
Cyclohexane	ND	1100	ug/kg	8.5
Dibromochloromethane	ND	44	ug/kg	7.6
1,2-Dibromo-3-chloro-propane	ND	220	ug/kg	66
1,2-Dibromoethane	ND	220	ug/kg	11
1,2-Dichlorobenzene	ND	89	ug/kg	19
1,3-Dichlorobenzene	ND	89	ug/kg	8.0
1,4-Dichlorobenzene	ND	89	ug/kg	8.7
Dichlorodifluoromethane	ND	89	ug/kg	6.0
1,1-Dichloroethane	ND	44	ug/kg	8.1
1,2-Dichloroethane	ND	44	ug/kg	10
1,1-Dichloroethene	ND	44	ug/kg	9.2
cis-1,2-Dichloroethene	**410**	**44**	**ug/kg**	**15**
trans-1,2-Dichloroethene	**48**	**44**	**ug/kg**	**12**
1,2-Dichloropropane	ND	44	ug/kg	8.2
cis-1,3-Dichloropropene	ND	44	ug/kg	6.1
trans-1,3-Dichloropropene	ND	44	ug/kg	6.0
Ethylbenzene	ND	44	ug/kg	7.5
2-Hexanone	ND	2200	ug/kg	27
Isopropylbenzene	ND	220	ug/kg	5.6
Methyl acetate	ND	1100	ug/kg	58
Methylene chloride	ND	220	ug/kg	110
Methylcyclohexane	ND	1100	ug/kg	6.3
4-Methyl-2-pentanone	ND	2200	ug/kg	12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

GC/MS Volatiles

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P1CD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	220	ug/kg	11
Styrene	ND	44	ug/kg	31
1,1,2,2-Tetrachloroethane	ND	44	ug/kg	9.1
Tetrachloroethene	ND	44	ug/kg	10
Toluene	ND	89	ug/kg	10
1,2,4-Trichloro-benzene	ND	220	ug/kg	13
1,1,1-Trichloroethane	ND	44	ug/kg	11
1,1,2-Trichloroethane	ND	44	ug/kg	11
Trichloroethene	**120**	**44**	**ug/kg**	**13**
Trichlorofluoromethane	ND	89	ug/kg	9.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	220	ug/kg	11
Vinyl chloride	**45**	**35**	**ug/kg**	**18**
Xylenes (total)	ND	130	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
Toluene-d8	101	(60 - 143)
4-Bromofluorobenzene	98	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

GC/MS Volatiles

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T1CA **Matrix.....:** SO
Date Sampled...: 03/11/08 13:40 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079346
Dilution Factor: 1 **Initial Wgt/Vol:** 13.7 g **Final Wgt/Vol..:** 13.7 mL
% Moisture.....: 9.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	88	ug/kg	29
1,3,5-Trimethylbenzene	ND	88	ug/kg	28
Acetone	ND	660	ug/kg	110
Benzene	ND	44	ug/kg	7.1
Bromodichloromethane	ND	88	ug/kg	13
Bromoform	ND	88	ug/kg	14
Bromomethane	ND	220	ug/kg	28
2-Butanone	ND	660	ug/kg	54
Carbon disulfide	ND	220	ug/kg	22
Carbon tetrachloride	ND	44	ug/kg	13
Chlorobenzene	ND	44	ug/kg	7.0
Chloroethane	ND	220	ug/kg	72
Chloroform	ND	44	ug/kg	13
Chloromethane	ND	220	ug/kg	5.7
Cyclohexane	ND	1100	ug/kg	8.5
Dibromochloromethane	ND	44	ug/kg	7.6
1,2-Dibromo-3-chloro-propane	ND	220	ug/kg	66
1,2-Dibromoethane	ND	220	ug/kg	11
1,2-Dichlorobenzene	ND	88	ug/kg	19
1,3-Dichlorobenzene	ND	88	ug/kg	7.9
1,4-Dichlorobenzene	ND	88	ug/kg	8.7
Dichlorodifluoromethane	ND	88	ug/kg	6.0
1,1-Dichloroethane	ND	44	ug/kg	8.1
1,2-Dichloroethane	ND	44	ug/kg	10
1,1-Dichloroethene	ND	44	ug/kg	9.2
cis-1,2-Dichloroethene	**730**	**44**	**ug/kg**	**15**
trans-1,2-Dichloroethene	**90**	**44**	**ug/kg**	**12**
1,2-Dichloropropane	ND	44	ug/kg	8.2
cis-1,3-Dichloropropene	ND	44	ug/kg	6.1
trans-1,3-Dichloropropene	ND	44	ug/kg	6.0
Ethylbenzene	ND	44	ug/kg	7.5
2-Hexanone	ND	2200	ug/kg	26
Isopropylbenzene	ND	220	ug/kg	5.6
Methyl acetate	ND	1100	ug/kg	57
Methylene chloride	ND	220	ug/kg	110
Methylcyclohexane	ND	1100	ug/kg	6.3
4-Methyl-2-pentanone	ND	2200	ug/kg	12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

GC/MS Volatiles

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T1CA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	220	ug/kg	11
Styrene	ND	44	ug/kg	31
1,1,2,2-Tetrachloroethane	ND	44	ug/kg	9.1
Tetrachloroethene	ND	44	ug/kg	9.9
Toluene	ND	88	ug/kg	10
1,2,4-Trichloro-benzene	ND	220	ug/kg	13
1,1,1-Trichloroethane	ND	44	ug/kg	10
1,1,2-Trichloroethane	ND	44	ug/kg	11
Trichloroethene	**220**	**44**	**ug/kg**	**13**
Trichlorofluoromethane	ND	88	ug/kg	9.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	220	ug/kg	11
Vinyl chloride	**66**	**35**	**ug/kg**	**18**
Xylenes (total)	ND	130	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
Toluene-d8	100	(60 - 143)
4-Bromofluorobenzene	97	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

GC/MS Volatiles

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE011AN **Matrix.....:** SO
Date Sampled...: 03/11/08 14:15 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 0.71 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**13 J**	**16**	**ug/kg**	**5.1**
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	**3.0 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	ND	4.1	ug/kg	0.36
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.23
Chloromethane	ND	4.1	ug/kg	0.33
Cyclohexane	ND	8.1	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.53
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.33
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	ND	8.1	ug/kg	0.25
Methylene chloride	**0.89 J,B**	**4.1**	**ug/kg**	**0.54**
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

GC/MS Volatiles

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE011AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.42
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	ND	8.1	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	72	(60 - 143)
4-Bromofluorobenzene	70	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

GC/MS Volatiles

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE021AN **Matrix.....:** SO
Date Sampled...: 03/11/08 15:00 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1.17 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 8.0 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	8.0
Benzene	ND	6.4	ug/kg	0.29
Bromodichloromethane	ND	6.4	ug/kg	0.36
Bromoform	ND	6.4	ug/kg	0.42
Bromomethane	ND	6.4	ug/kg	0.69
2-Butanone	ND	25	ug/kg	1.8
Carbon disulfide	ND	6.4	ug/kg	0.56
Carbon tetrachloride	ND	6.4	ug/kg	0.47
Chlorobenzene	ND	6.4	ug/kg	0.42
Dibromochloromethane	ND	6.4	ug/kg	0.70
1,2-Dibromo-3-chloro-propane	ND	13	ug/kg	1.7
Chloroethane	ND	6.4	ug/kg	1.1
Chloroform	ND	6.4	ug/kg	0.37
Chloromethane	ND	6.4	ug/kg	0.52
Cyclohexane	ND	13	ug/kg	0.42
1,2-Dibromoethane	ND	6.4	ug/kg	0.64
1,2-Dichlorobenzene	ND	6.4	ug/kg	0.46
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.45
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.84
Dichlorodifluoromethane	ND	6.4	ug/kg	0.64
1,1-Dichloroethane	ND	6.4	ug/kg	0.46
1,2-Dichloroethane	ND	6.4	ug/kg	0.43
1,1-Dichloroethene	**3.4 J**	**6.4**	**ug/kg**	**0.66**
cis-1,2-Dichloroethene	ND	6.4	ug/kg	0.46
trans-1,2-Dichloroethene	ND	6.4	ug/kg	0.52
1,2-Dichloropropane	ND	6.4	ug/kg	0.88
cis-1,3-Dichloropropene	ND	6.4	ug/kg	0.43
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.69
Ethylbenzene	ND	6.4	ug/kg	0.33
Trichlorofluoromethane	ND	6.4	ug/kg	0.43
2-Hexanone	ND	25	ug/kg	0.80
Isopropylbenzene	ND	6.4	ug/kg	0.20
Methyl acetate	ND	13	ug/kg	1.8
Methylcyclohexane	ND	13	ug/kg	0.39
Methylene chloride	**2.3 J,B**	**6.4**	**ug/kg**	**0.85**
4-Methyl-2-pentanone	ND	25	ug/kg	0.69
Styrene	ND	6.4	ug/kg	0.19

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

GC/MS Volatiles

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE021AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.43
Tetrachloroethene	ND	6.4	ug/kg	0.66
Toluene	ND	6.4	ug/kg	0.34
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	0.34
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.71
1,1,2-Trichloroethane	ND	6.4	ug/kg	0.50
Trichloroethene	ND	6.4	ug/kg	0.53
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6.4	ug/kg	1.7
1,2,4-Trimethylbenzene	ND	6.4	ug/kg	0.83
1,3,5-Trimethylbenzene	ND	6.4	ug/kg	0.32
Vinyl chloride	ND	6.4	ug/kg	0.50
Xylenes (total)	ND	13	ug/kg	0.85
Methyl tert-butyl ether	ND	25	ug/kg	0.55

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
1,2-Dichloroethane-d4	79	(61 - 130)
Toluene-d8	73	(60 - 143)
4-Bromofluorobenzene	72	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

GC/MS Volatiles

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE031AN **Matrix.....:** SO
Date Sampled...: 03/11/08 15:05 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1.28 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 8.8 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	28	ug/kg	8.8
Benzene	ND	7.0	ug/kg	0.32
Bromodichloromethane	ND	7.0	ug/kg	0.39
Bromoform	ND	7.0	ug/kg	0.46
Bromomethane	ND	7.0	ug/kg	0.76
2-Butanone	ND	28	ug/kg	2.0
Carbon disulfide	ND	7.0	ug/kg	0.62
Carbon tetrachloride	ND	7.0	ug/kg	0.52
Chlorobenzene	ND	7.0	ug/kg	0.46
Dibromochloromethane	ND	7.0	ug/kg	0.77
1,2-Dibromo-3-chloro-propane	ND	14	ug/kg	1.8
Chloroethane	ND	7.0	ug/kg	1.2
Chloroform	ND	7.0	ug/kg	0.41
Chloromethane	ND	7.0	ug/kg	0.58
Cyclohexane	ND	14	ug/kg	0.46
1,2-Dibromoethane	ND	7.0	ug/kg	0.70
1,2-Dichlorobenzene	ND	7.0	ug/kg	0.51
1,3-Dichlorobenzene	ND	7.0	ug/kg	0.49
1,4-Dichlorobenzene	ND	7.0	ug/kg	0.93
Dichlorodifluoromethane	ND	7.0	ug/kg	0.70
1,1-Dichloroethane	ND	7.0	ug/kg	0.51
1,2-Dichloroethane	ND	7.0	ug/kg	0.48
1,1-Dichloroethene	**1.8 J**	**7.0**	**ug/kg**	**0.73**
cis-1,2-Dichloroethene	ND	7.0	ug/kg	0.51
trans-1,2-Dichloroethene	ND	7.0	ug/kg	0.58
1,2-Dichloropropane	ND	7.0	ug/kg	0.97
cis-1,3-Dichloropropene	ND	7.0	ug/kg	0.48
trans-1,3-Dichloropropene	ND	7.0	ug/kg	0.76
Ethylbenzene	ND	7.0	ug/kg	0.36
Trichlorofluoromethane	ND	7.0	ug/kg	0.48
2-Hexanone	ND	28	ug/kg	0.88
Isopropylbenzene	ND	7.0	ug/kg	0.22
Methyl acetate	ND	14	ug/kg	2.0
Methylcyclohexane	ND	14	ug/kg	0.44
Methylene chloride	**4.5 J,B**	**7.0**	**ug/kg**	**0.94**
4-Methyl-2-pentanone	ND	28	ug/kg	0.76
Styrene	ND	7.0	ug/kg	0.21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

GC/MS Volatiles

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE031AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	7.0	ug/kg	0.48
Tetrachloroethene	ND	7.0	ug/kg	0.73
Toluene	ND	7.0	ug/kg	0.38
1,2,4-Trichloro-benzene	ND	7.0	ug/kg	0.38
1,1,1-Trichloroethane	ND	7.0	ug/kg	0.79
1,1,2-Trichloroethane	ND	7.0	ug/kg	0.55
Trichloroethene	ND	7.0	ug/kg	0.59
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7.0	ug/kg	1.8
1,2,4-Trimethylbenzene	ND	7.0	ug/kg	0.91
1,3,5-Trimethylbenzene	ND	7.0	ug/kg	0.35
Vinyl chloride	ND	7.0	ug/kg	0.55
Xylenes (total)	ND	14	ug/kg	0.94
Methyl tert-butyl ether	ND	28	ug/kg	0.60

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

GC/MS Volatiles

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE041CA **Matrix.....:** SO
Date Sampled...: 03/11/08 16:05 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079346
Dilution Factor: 1 **Initial Wgt/Vol:** 14 g **Final Wgt/Vol..:** 14 mL
% Moisture.....: 9.7 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	**460**	**89**	**ug/kg**	**29**
1,3,5-Trimethylbenzene	**230**	**89**	**ug/kg**	**28**
Acetone	ND	660	ug/kg	110
Benzene	ND	44	ug/kg	7.1
Bromodichloromethane	ND	89	ug/kg	13
Bromoform	ND	89	ug/kg	14
Bromomethane	ND	220	ug/kg	28
2-Butanone	ND	660	ug/kg	54
Carbon disulfide	ND	220	ug/kg	22
Carbon tetrachloride	ND	44	ug/kg	13
Chlorobenzene	ND	44	ug/kg	7.0
Chloroethane	ND	220	ug/kg	72
Chloroform	ND	44	ug/kg	13
Chloromethane	ND	220	ug/kg	5.8
Cyclohexane	**27 J**	**1100**	**ug/kg**	**8.5**
Dibromochloromethane	ND	44	ug/kg	7.6
1,2-Dibromo-3-chloro-propane	ND	220	ug/kg	66
1,2-Dibromoethane	ND	220	ug/kg	11
1,2-Dichlorobenzene	ND	89	ug/kg	19
1,3-Dichlorobenzene	ND	89	ug/kg	8.0
1,4-Dichlorobenzene	ND	89	ug/kg	8.7
Dichlorodifluoromethane	ND	89	ug/kg	6.0
1,1-Dichloroethane	ND	44	ug/kg	8.1
1,2-Dichloroethane	ND	44	ug/kg	10
1,1-Dichloroethene	ND	44	ug/kg	9.2
cis-1,2-Dichloroethene	ND	44	ug/kg	16
trans-1,2-Dichloroethene	ND	44	ug/kg	12
1,2-Dichloropropane	ND	44	ug/kg	8.2
cis-1,3-Dichloropropene	ND	44	ug/kg	6.1
trans-1,3-Dichloropropene	ND	44	ug/kg	6.0
Ethylbenzene	**25 J**	**44**	**ug/kg**	**7.5**
2-Hexanone	ND	2200	ug/kg	27
Isopropylbenzene	**54 J**	**220**	**ug/kg**	**5.6**
Methyl acetate	ND	1100	ug/kg	58
Methylene chloride	ND	220	ug/kg	110
Methylcyclohexane	**320 J**	**1100**	**ug/kg**	**6.3**
4-Methyl-2-pentanone	ND	2200	ug/kg	12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

GC/MS Volatiles

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE041CA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	220	ug/kg	11
Styrene	ND	44	ug/kg	31
1,1,2,2-Tetrachloroethane	ND	44	ug/kg	9.1
Tetrachloroethene	ND	44	ug/kg	10
Toluene	ND	89	ug/kg	10
1,2,4-Trichloro-benzene	ND	220	ug/kg	13
1,1,1-Trichloroethane	ND	44	ug/kg	11
1,1,2-Trichloroethane	ND	44	ug/kg	11
Trichloroethene	ND	44	ug/kg	13
Trichlorofluoromethane	ND	89	ug/kg	9.2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	220	ug/kg	11
Vinyl chloride	ND	35	ug/kg	18
Xylenes (total)	**92 J**	**130**	**ug/kg**	**17**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	108	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031108-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C120185-009 **Work Order #...:** KJE1E1AA **Matrix.....:** SQ
Date Sampled...: 03/11/08 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	**0.80 J,B**	**5.0**	**ug/kg**	**0.67**
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031108-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C120185-009 **Work Order #...:** KJE1E1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	73	(60 - 143)
4-Bromofluorobenzene	78	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031108-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C120185-009 **Work Order #...:** KJE1E1AC **Matrix.....:** SQ
Date Sampled...: 03/11/08 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079346
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	80	ug/kg	26
1,3,5-Trimethylbenzene	ND	80	ug/kg	25
Acetone	ND	600	ug/kg	99
Benzene	ND	40	ug/kg	6.4
Bromodichloromethane	ND	80	ug/kg	12
Bromoform	ND	80	ug/kg	13
Bromomethane	ND	200	ug/kg	25
2-Butanone	**61 J**	**600**	**ug/kg**	**49**
Carbon disulfide	ND	200	ug/kg	20
Carbon tetrachloride	ND	40	ug/kg	12
Chlorobenzene	ND	40	ug/kg	6.3
Chloroethane	ND	200	ug/kg	65
Chloroform	ND	40	ug/kg	12
Chloromethane	ND	200	ug/kg	5.2
Cyclohexane	ND	960	ug/kg	7.7
Dibromochloromethane	ND	40	ug/kg	6.9
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	60
1,2-Dibromoethane	ND	200	ug/kg	9.9
1,2-Dichlorobenzene	ND	80	ug/kg	17
1,3-Dichlorobenzene	ND	80	ug/kg	7.2
1,4-Dichlorobenzene	ND	80	ug/kg	7.9
Dichlorodifluoromethane	ND	80	ug/kg	5.4
1,1-Dichloroethane	ND	40	ug/kg	7.3
1,2-Dichloroethane	ND	40	ug/kg	9.3
1,1-Dichloroethene	ND	40	ug/kg	8.3
cis-1,2-Dichloroethene	ND	40	ug/kg	14
trans-1,2-Dichloroethene	ND	40	ug/kg	11
1,2-Dichloropropane	ND	40	ug/kg	7.4
cis-1,3-Dichloropropene	ND	40	ug/kg	5.5
trans-1,3-Dichloropropene	ND	40	ug/kg	5.4
Ethylbenzene	ND	40	ug/kg	6.8
2-Hexanone	ND	2000	ug/kg	24
Isopropylbenzene	ND	200	ug/kg	5.1
Methyl acetate	ND	960	ug/kg	52
Methylene chloride	ND	200	ug/kg	99
Methylcyclohexane	ND	960	ug/kg	5.7
4-Methyl-2-pentanone	ND	2000	ug/kg	11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031108-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C120185-009 **Work Order #...:** KJE1E1AC **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	200	ug/kg	10
Styrene	ND	40	ug/kg	28
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	8.2
Tetrachloroethene	ND	40	ug/kg	9.0
Toluene	ND	80	ug/kg	9.1
1,2,4-Trichloro-benzene	ND	200	ug/kg	12
1,1,1-Trichloroethane	ND	40	ug/kg	9.5
1,1,2-Trichloroethane	ND	40	ug/kg	9.9
Trichloroethene	ND	40	ug/kg	12
Trichlorofluoromethane	ND	80	ug/kg	8.3
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	10
Vinyl chloride	ND	32	ug/kg	16
Xylenes (total)	ND	120	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	94	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

GC/MS Volatiles

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J1AC **Matrix.....:** SO
Date Sampled...: 03/12/08 08:25 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.88 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 18 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**20 J**	**21**	**ug/kg**	**6.7**
Benzene	ND	5.3	ug/kg	0.25
Bromodichloromethane	ND	5.3	ug/kg	0.30
Bromoform	ND	5.3	ug/kg	0.35
Bromomethane	ND	5.3	ug/kg	0.58
2-Butanone	**3.4 J**	**21**	**ug/kg**	**1.5**
Carbon disulfide	ND	5.3	ug/kg	0.47
Carbon tetrachloride	ND	5.3	ug/kg	0.39
Chlorobenzene	ND	5.3	ug/kg	0.35
Dibromochloromethane	ND	5.3	ug/kg	0.59
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
Chloroethane	ND	5.3	ug/kg	0.92
Chloroform	ND	5.3	ug/kg	0.31
Chloromethane	ND	5.3	ug/kg	0.44
Cyclohexane	ND	11	ug/kg	0.35
1,2-Dibromoethane	ND	5.3	ug/kg	0.53
1,2-Dichlorobenzene	ND	5.3	ug/kg	0.38
1,3-Dichlorobenzene	ND	5.3	ug/kg	0.37
1,4-Dichlorobenzene	ND	5.3	ug/kg	0.70
Dichlorodifluoromethane	ND	5.3	ug/kg	0.53
1,1-Dichloroethane	ND	5.3	ug/kg	0.38
1,2-Dichloroethane	ND	5.3	ug/kg	0.36
1,1-Dichloroethene	ND	5.3	ug/kg	0.55
cis-1,2-Dichloroethene	ND	5.3	ug/kg	0.38
trans-1,2-Dichloroethene	ND	5.3	ug/kg	0.44
1,2-Dichloropropane	ND	5.3	ug/kg	0.74
cis-1,3-Dichloropropene	ND	5.3	ug/kg	0.36
trans-1,3-Dichloropropene	ND	5.3	ug/kg	0.58
Ethylbenzene	ND	5.3	ug/kg	0.28
Trichlorofluoromethane	ND	5.3	ug/kg	0.36
2-Hexanone	ND	21	ug/kg	0.67
Isopropylbenzene	ND	5.3	ug/kg	0.17
Methyl acetate	ND	11	ug/kg	1.5
Methylcyclohexane	ND	11	ug/kg	0.33
Methylene chloride	**1.1 J,B**	**5.3**	**ug/kg**	**0.71**
4-Methyl-2-pentanone	ND	21	ug/kg	0.58
Styrene	ND	5.3	ug/kg	0.16

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

GC/MS Volatiles

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	0.36
Tetrachloroethene	ND	5.3	ug/kg	0.55
Toluene	ND	5.3	ug/kg	0.29
1,2,4-Trichloro-benzene	ND	5.3	ug/kg	0.29
1,1,1-Trichloroethane	ND	5.3	ug/kg	0.60
1,1,2-Trichloroethane	ND	5.3	ug/kg	0.42
Trichloroethene	ND	5.3	ug/kg	0.45
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.3	ug/kg	1.4
1,2,4-Trimethylbenzene	ND	5.3	ug/kg	0.69
1,3,5-Trimethylbenzene	ND	5.3	ug/kg	0.27
Vinyl chloride	ND	5.3	ug/kg	0.42
Xylenes (total)	ND	11	ug/kg	0.71
Methyl tert-butyl ether	ND	21	ug/kg	0.46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	79	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

GC/MS Volatiles

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N1AN **Matrix.....:** SO
Date Sampled...: 03/12/08 08:50 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.66 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	15	ug/kg	4.7
Benzene	ND	3.7	ug/kg	0.17
Bromodichloromethane	ND	3.7	ug/kg	0.21
Bromoform	ND	3.7	ug/kg	0.24
Bromomethane	ND	3.7	ug/kg	0.40
2-Butanone	ND	15	ug/kg	1.0
Carbon disulfide	ND	3.7	ug/kg	0.33
Carbon tetrachloride	ND	3.7	ug/kg	0.27
Chlorobenzene	ND	3.7	ug/kg	0.24
Dibromochloromethane	ND	3.7	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.4	ug/kg	0.96
Chloroethane	ND	3.7	ug/kg	0.64
Chloroform	ND	3.7	ug/kg	0.22
Chloromethane	ND	3.7	ug/kg	0.30
Cyclohexane	ND	7.4	ug/kg	0.24
1,2-Dibromoethane	ND	3.7	ug/kg	0.37
1,2-Dichlorobenzene	ND	3.7	ug/kg	0.27
1,3-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.7	ug/kg	0.49
Dichlorodifluoromethane	ND	3.7	ug/kg	0.37
1,1-Dichloroethane	ND	3.7	ug/kg	0.27
1,2-Dichloroethane	ND	3.7	ug/kg	0.25
1,1-Dichloroethene	ND	3.7	ug/kg	0.39
cis-1,2-Dichloroethene	ND	3.7	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.7	ug/kg	0.30
1,2-Dichloropropane	ND	3.7	ug/kg	0.51
cis-1,3-Dichloropropene	ND	3.7	ug/kg	0.25
trans-1,3-Dichloropropene	ND	3.7	ug/kg	0.40
Ethylbenzene	ND	3.7	ug/kg	0.19
Trichlorofluoromethane	ND	3.7	ug/kg	0.25
2-Hexanone	ND	15	ug/kg	0.47
Isopropylbenzene	ND	3.7	ug/kg	0.12
Methyl acetate	ND	7.4	ug/kg	1.0
Methylcyclohexane	ND	7.4	ug/kg	0.23
Methylene chloride	**0.60 J,B**	**3.7**	**ug/kg**	**0.50**
4-Methyl-2-pentanone	ND	15	ug/kg	0.40
Styrene	ND	3.7	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

GC/MS Volatiles

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.7	ug/kg	0.25
Tetrachloroethene	ND	3.7	ug/kg	0.39
Toluene	ND	3.7	ug/kg	0.20
1,2,4-Trichloro-benzene	ND	3.7	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.7	ug/kg	0.42
1,1,2-Trichloroethane	ND	3.7	ug/kg	0.29
Trichloroethene	ND	3.7	ug/kg	0.31
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.7	ug/kg	0.96
1,2,4-Trimethylbenzene	ND	3.7	ug/kg	0.48
1,3,5-Trimethylbenzene	ND	3.7	ug/kg	0.19
Vinyl chloride	ND	3.7	ug/kg	0.29
Xylenes (total)	ND	7.4	ug/kg	0.50
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
Toluene-d8	71	(60 - 143)
4-Bromofluorobenzene	73	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

GC/MS Volatiles

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T1AN **Matrix.....:** SO
Date Sampled...: 03/12/08 09:00 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.72 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.1
Benzene	ND	4.0	ug/kg	0.18
Bromodichloromethane	ND	4.0	ug/kg	0.23
Bromoform	ND	4.0	ug/kg	0.27
Bromomethane	ND	4.0	ug/kg	0.43
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.0	ug/kg	0.35
Carbon tetrachloride	ND	4.0	ug/kg	0.30
Chlorobenzene	ND	4.0	ug/kg	0.27
Dibromochloromethane	ND	4.0	ug/kg	0.44
1,2-Dibromo-3-chloro-propane	ND	8.0	ug/kg	1.0
Chloroethane	ND	4.0	ug/kg	0.69
Chloroform	ND	4.0	ug/kg	0.23
Chloromethane	ND	4.0	ug/kg	0.33
Cyclohexane	ND	8.0	ug/kg	0.27
1,2-Dibromoethane	ND	4.0	ug/kg	0.40
1,2-Dichlorobenzene	ND	4.0	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.0	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.0	ug/kg	0.53
Dichlorodifluoromethane	ND	4.0	ug/kg	0.40
1,1-Dichloroethane	ND	4.0	ug/kg	0.29
1,2-Dichloroethane	ND	4.0	ug/kg	0.27
1,1-Dichloroethene	ND	4.0	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.33
1,2-Dichloropropane	ND	4.0	ug/kg	0.55
cis-1,3-Dichloropropene	ND	4.0	ug/kg	0.27
trans-1,3-Dichloropropene	ND	4.0	ug/kg	0.43
Ethylbenzene	ND	4.0	ug/kg	0.21
Trichlorofluoromethane	ND	4.0	ug/kg	0.27
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.0	ug/kg	0.13
Methyl acetate	ND	8.0	ug/kg	1.1
Methylcyclohexane	ND	8.0	ug/kg	0.25
Methylene chloride	**0.65 J,B**	**4.0**	**ug/kg**	**0.54**
4-Methyl-2-pentanone	ND	16	ug/kg	0.43
Styrene	ND	4.0	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

GC/MS Volatiles

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.0	ug/kg	0.27
Tetrachloroethene	ND	4.0	ug/kg	0.42
Toluene	ND	4.0	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.0	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.0	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.0	ug/kg	0.31
Trichloroethene	ND	4.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.0	ug/kg	1.0
1,2,4-Trimethylbenzene	ND	4.0	ug/kg	0.52
1,3,5-Trimethylbenzene	ND	4.0	ug/kg	0.20
Vinyl chloride	ND	4.0	ug/kg	0.31
Xylenes (total)	ND	8.0	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	72	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

GC/MS Volatiles

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V1AN **Matrix.....:** SO
Date Sampled...: 03/12/08 12:40 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.67 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	15	ug/kg	4.7
Benzene	ND	3.7	ug/kg	0.17
Bromodichloromethane	ND	3.7	ug/kg	0.21
Bromoform	ND	3.7	ug/kg	0.25
Bromomethane	ND	3.7	ug/kg	0.40
2-Butanone	ND	15	ug/kg	1.0
Carbon disulfide	ND	3.7	ug/kg	0.33
Carbon tetrachloride	ND	3.7	ug/kg	0.28
Chlorobenzene	ND	3.7	ug/kg	0.25
Dibromochloromethane	ND	3.7	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.5	ug/kg	0.97
Chloroethane	ND	3.7	ug/kg	0.64
Chloroform	ND	3.7	ug/kg	0.22
Chloromethane	ND	3.7	ug/kg	0.31
Cyclohexane	ND	7.5	ug/kg	0.25
1,2-Dibromoethane	ND	3.7	ug/kg	0.37
1,2-Dichlorobenzene	ND	3.7	ug/kg	0.27
1,3-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.7	ug/kg	0.49
Dichlorodifluoromethane	ND	3.7	ug/kg	0.37
1,1-Dichloroethane	ND	3.7	ug/kg	0.27
1,2-Dichloroethane	ND	3.7	ug/kg	0.25
1,1-Dichloroethene	ND	3.7	ug/kg	0.39
cis-1,2-Dichloroethene	ND	3.7	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.7	ug/kg	0.31
1,2-Dichloropropane	ND	3.7	ug/kg	0.52
cis-1,3-Dichloropropene	ND	3.7	ug/kg	0.25
trans-1,3-Dichloropropene	ND	3.7	ug/kg	0.40
Ethylbenzene	ND	3.7	ug/kg	0.19
Trichlorofluoromethane	ND	3.7	ug/kg	0.25
2-Hexanone	ND	15	ug/kg	0.47
Isopropylbenzene	ND	3.7	ug/kg	0.12
Methyl acetate	ND	7.5	ug/kg	1.0
Methylcyclohexane	ND	7.5	ug/kg	0.23
Methylene chloride	**0.86 J,B**	**3.7**	**ug/kg**	**0.50**
4-Methyl-2-pentanone	ND	15	ug/kg	0.40
Styrene	ND	3.7	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

GC/MS Volatiles

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.7	ug/kg	0.25
Tetrachloroethene	ND	3.7	ug/kg	0.39
Toluene	ND	3.7	ug/kg	0.20
1,2,4-Trichloro-benzene	ND	3.7	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.7	ug/kg	0.42
1,1,2-Trichloroethane	ND	3.7	ug/kg	0.29
Trichloroethene	ND	3.7	ug/kg	0.31
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.7	ug/kg	0.97
1,2,4-Trimethylbenzene	ND	3.7	ug/kg	0.49
1,3,5-Trimethylbenzene	ND	3.7	ug/kg	0.19
Vinyl chloride	ND	3.7	ug/kg	0.29
Xylenes (total)	ND	7.5	ug/kg	0.50
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
1,2-Dichloroethane-d4	80	(61 - 130)
Toluene-d8	72	(60 - 143)
4-Bromofluorobenzene	77	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

GC/MS Volatiles

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W1CC **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.78 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.5
Benzene	ND	4.4	ug/kg	0.20
Bromodichloromethane	ND	4.4	ug/kg	0.25
Bromoform	ND	4.4	ug/kg	0.29
Bromomethane	ND	4.4	ug/kg	0.48
2-Butanone	ND	18	ug/kg	1.2
Carbon disulfide	ND	4.4	ug/kg	0.39
Carbon tetrachloride	ND	4.4	ug/kg	0.33
Chlorobenzene	ND	4.4	ug/kg	0.29
Dibromochloromethane	ND	4.4	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.8	ug/kg	1.1
Chloroethane	ND	4.4	ug/kg	0.76
Chloroform	ND	4.4	ug/kg	0.26
Chloromethane	ND	4.4	ug/kg	0.36
Cyclohexane	ND	8.8	ug/kg	0.29
1,2-Dibromoethane	ND	4.4	ug/kg	0.44
1,2-Dichlorobenzene	ND	4.4	ug/kg	0.32
1,3-Dichlorobenzene	ND	4.4	ug/kg	0.31
1,4-Dichlorobenzene	ND	4.4	ug/kg	0.58
Dichlorodifluoromethane	ND	4.4	ug/kg	0.44
1,1-Dichloroethane	ND	4.4	ug/kg	0.32
1,2-Dichloroethane	ND	4.4	ug/kg	0.30
1,1-Dichloroethene	ND	4.4	ug/kg	0.46
cis-1,2-Dichloroethene	ND	4.4	ug/kg	0.32
trans-1,2-Dichloroethene	ND	4.4	ug/kg	0.36
1,2-Dichloropropane	ND	4.4	ug/kg	0.61
cis-1,3-Dichloropropene	ND	4.4	ug/kg	0.30
trans-1,3-Dichloropropene	ND	4.4	ug/kg	0.48
Ethylbenzene	ND	4.4	ug/kg	0.23
Trichlorofluoromethane	ND	4.4	ug/kg	0.30
2-Hexanone	ND	18	ug/kg	0.55
Isopropylbenzene	ND	4.4	ug/kg	0.14
Methyl acetate	ND	8.8	ug/kg	1.2
Methylcyclohexane	ND	8.8	ug/kg	0.27
Methylene chloride	**0.90 J,B**	**4.4**	**ug/kg**	**0.59**
4-Methyl-2-pentanone	ND	18	ug/kg	0.48
Styrene	ND	4.4	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

GC/MS Volatiles

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W1CC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.4	ug/kg	0.30
Tetrachloroethene	ND	4.4	ug/kg	0.46
Toluene	ND	4.4	ug/kg	0.24
1,2,4-Trichloro-benzene	ND	4.4	ug/kg	0.24
1,1,1-Trichloroethane	ND	4.4	ug/kg	0.49
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.34
Trichloroethene	ND	4.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.4	ug/kg	0.57
1,3,5-Trimethylbenzene	ND	4.4	ug/kg	0.22
Vinyl chloride	ND	4.4	ug/kg	0.34
Xylenes (total)	ND	8.8	ug/kg	0.59
Methyl tert-butyl ether	ND	18	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	79	(61 - 130)
Toluene-d8	70	(60 - 143)
4-Bromofluorobenzene	71	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

GC/MS Volatiles

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG301AN **Matrix.....:** SO
Date Sampled...: 03/12/08 14:50 **Date Received..:** 03/13/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.62 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	14	ug/kg	4.3
Benzene	ND	3.5	ug/kg	0.16
Bromodichloromethane	ND	3.5	ug/kg	0.19
Bromoform	ND	3.5	ug/kg	0.23
Bromomethane	ND	3.5	ug/kg	0.37
2-Butanone	ND	14	ug/kg	0.97
Carbon disulfide	**0.55 J**	**3.5**	**ug/kg**	**0.30**
Carbon tetrachloride	ND	3.5	ug/kg	0.26
Chlorobenzene	ND	3.5	ug/kg	0.23
Dibromochloromethane	ND	3.5	ug/kg	0.38
1,2-Dibromo-3-chloro-propane	ND	6.9	ug/kg	0.90
Chloroethane	ND	3.5	ug/kg	0.59
Chloroform	ND	3.5	ug/kg	0.20
Chloromethane	ND	3.5	ug/kg	0.28
Cyclohexane	ND	6.9	ug/kg	0.23
1,2-Dibromoethane	ND	3.5	ug/kg	0.35
1,2-Dichlorobenzene	**0.31 J**	**3.5**	**ug/kg**	**0.25**
1,3-Dichlorobenzene	**0.40 J**	**3.5**	**ug/kg**	**0.24**
1,4-Dichlorobenzene	**0.47 J**	**3.5**	**ug/kg**	**0.46**
Dichlorodifluoromethane	ND	3.5	ug/kg	0.35
1,1-Dichloroethane	ND	3.5	ug/kg	0.25
1,2-Dichloroethane	ND	3.5	ug/kg	0.23
1,1-Dichloroethene	ND	3.5	ug/kg	0.36
cis-1,2-Dichloroethene	ND	3.5	ug/kg	0.25
trans-1,2-Dichloroethene	ND	3.5	ug/kg	0.28
1,2-Dichloropropane	ND	3.5	ug/kg	0.48
cis-1,3-Dichloropropene	ND	3.5	ug/kg	0.23
trans-1,3-Dichloropropene	ND	3.5	ug/kg	0.37
Ethylbenzene	ND	3.5	ug/kg	0.18
Trichlorofluoromethane	ND	3.5	ug/kg	0.23
2-Hexanone	ND	14	ug/kg	0.43
Isopropylbenzene	ND	3.5	ug/kg	0.11
Methyl acetate	ND	6.9	ug/kg	0.97
Methylcyclohexane	ND	6.9	ug/kg	0.21
Methylene chloride	**0.69 J,B**	**3.5**	**ug/kg**	**0.46**
4-Methyl-2-pentanone	ND	14	ug/kg	0.37
Styrene	ND	3.5	ug/kg	0.10

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

GC/MS Volatiles

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG301AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.5	ug/kg	0.23
Tetrachloroethene	ND	3.5	ug/kg	0.36
Toluene	ND	3.5	ug/kg	0.19
1,2,4-Trichloro-benzene	**1.1 J,B**	**3.5**	**ug/kg**	**0.19**
1,1,1-Trichloroethane	ND	3.5	ug/kg	0.39
1,1,2-Trichloroethane	ND	3.5	ug/kg	0.27
Trichloroethene	ND	3.5	ug/kg	0.29
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.5	ug/kg	0.90
1,2,4-Trimethylbenzene	ND	3.5	ug/kg	0.45
1,3,5-Trimethylbenzene	ND	3.5	ug/kg	0.17
Vinyl chloride	ND	3.5	ug/kg	0.27
Xylenes (total)	ND	6.9	ug/kg	0.46
Methyl tert-butyl ether	ND	14	ug/kg	0.30

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
1,2-Dichloroethane-d4	76	(61 - 130)
Toluene-d8	56 *	(60 - 143)
4-Bromofluorobenzene	51	(47 - 158)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

GC/MS Volatiles

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG331AN **Matrix.....:** SO
Date Sampled...: 03/12/08 16:25 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.67 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	15	ug/kg	4.7
Benzene	ND	3.7	ug/kg	0.17
Bromodichloromethane	ND	3.7	ug/kg	0.21
Bromoform	ND	3.7	ug/kg	0.25
Bromomethane	ND	3.7	ug/kg	0.40
2-Butanone	ND	15	ug/kg	1.0
Carbon disulfide	ND	3.7	ug/kg	0.33
Carbon tetrachloride	ND	3.7	ug/kg	0.28
Chlorobenzene	ND	3.7	ug/kg	0.25
Dibromochloromethane	ND	3.7	ug/kg	0.41
1,2-Dibromo-3-chloro-propane	ND	7.4	ug/kg	0.97
Chloroethane	ND	3.7	ug/kg	0.64
Chloroform	ND	3.7	ug/kg	0.22
Chloromethane	ND	3.7	ug/kg	0.31
Cyclohexane	ND	7.4	ug/kg	0.25
1,2-Dibromoethane	ND	3.7	ug/kg	0.37
1,2-Dichlorobenzene	**0.28 J**	**3.7**	**ug/kg**	**0.27**
1,3-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.7	ug/kg	0.49
Dichlorodifluoromethane	ND	3.7	ug/kg	0.37
1,1-Dichloroethane	ND	3.7	ug/kg	0.27
1,2-Dichloroethane	ND	3.7	ug/kg	0.25
1,1-Dichloroethene	ND	3.7	ug/kg	0.39
cis-1,2-Dichloroethene	ND	3.7	ug/kg	0.27
trans-1,2-Dichloroethene	ND	3.7	ug/kg	0.31
1,2-Dichloropropane	ND	3.7	ug/kg	0.51
cis-1,3-Dichloropropene	ND	3.7	ug/kg	0.25
trans-1,3-Dichloropropene	ND	3.7	ug/kg	0.40
Ethylbenzene	ND	3.7	ug/kg	0.19
Trichlorofluoromethane	ND	3.7	ug/kg	0.25
2-Hexanone	ND	15	ug/kg	0.47
Isopropylbenzene	ND	3.7	ug/kg	0.12
Methyl acetate	ND	7.4	ug/kg	1.0
Methylcyclohexane	ND	7.4	ug/kg	0.23
Methylene chloride	**1.0 J,B**	**3.7**	**ug/kg**	**0.50**
4-Methyl-2-pentanone	ND	15	ug/kg	0.40
Styrene	ND	3.7	ug/kg	0.11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

GC/MS Volatiles

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG331AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.7	ug/kg	0.25
Tetrachloroethene	ND	3.7	ug/kg	0.39
Toluene	**0.21 J**	**3.7**	**ug/kg**	**0.20**
1,2,4-Trichloro-benzene	ND	3.7	ug/kg	0.20
1,1,1-Trichloroethane	ND	3.7	ug/kg	0.42
1,1,2-Trichloroethane	ND	3.7	ug/kg	0.29
Trichloroethene	**0.47 J**	**3.7**	**ug/kg**	**0.31**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.7	ug/kg	0.97
1,2,4-Trimethylbenzene	ND	3.7	ug/kg	0.48
1,3,5-Trimethylbenzene	ND	3.7	ug/kg	0.19
Vinyl chloride	ND	3.7	ug/kg	0.29
Xylenes (total)	ND	7.4	ug/kg	0.50
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
Toluene-d8	72	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

GC/MS Volatiles

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG341AN **Matrix.....:** SO
Date Sampled...: 03/12/08 16:30 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 0.75 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.3
Benzene	ND	4.2	ug/kg	0.19
Bromodichloromethane	ND	4.2	ug/kg	0.23
Bromoform	ND	4.2	ug/kg	0.28
Bromomethane	ND	4.2	ug/kg	0.45
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.2	ug/kg	0.37
Carbon tetrachloride	ND	4.2	ug/kg	0.31
Chlorobenzene	ND	4.2	ug/kg	0.28
Dibromochloromethane	ND	4.2	ug/kg	0.46
1,2-Dibromo-3-chloro-propane	ND	8.3	ug/kg	1.1
Chloroethane	ND	4.2	ug/kg	0.72
Chloroform	ND	4.2	ug/kg	0.24
Chloromethane	ND	4.2	ug/kg	0.34
Cyclohexane	ND	8.3	ug/kg	0.28
1,2-Dibromoethane	ND	4.2	ug/kg	0.42
1,2-Dichlorobenzene	ND	4.2	ug/kg	0.30
1,3-Dichlorobenzene	ND	4.2	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.2	ug/kg	0.55
Dichlorodifluoromethane	ND	4.2	ug/kg	0.42
1,1-Dichloroethane	ND	4.2	ug/kg	0.30
1,2-Dichloroethane	ND	4.2	ug/kg	0.28
1,1-Dichloroethene	ND	4.2	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.2	ug/kg	0.30
trans-1,2-Dichloroethene	ND	4.2	ug/kg	0.34
1,2-Dichloropropane	ND	4.2	ug/kg	0.58
cis-1,3-Dichloropropene	ND	4.2	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.2	ug/kg	0.45
Ethylbenzene	ND	4.2	ug/kg	0.22
Trichlorofluoromethane	ND	4.2	ug/kg	0.28
2-Hexanone	ND	17	ug/kg	0.53
Isopropylbenzene	ND	4.2	ug/kg	0.13
Methyl acetate	ND	8.3	ug/kg	1.2
Methylcyclohexane	ND	8.3	ug/kg	0.26
Methylene chloride	**0.90 J,B**	**4.2**	**ug/kg**	**0.56**
4-Methyl-2-pentanone	ND	17	ug/kg	0.45
Styrene	ND	4.2	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

GC/MS Volatiles

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG341AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.2	ug/kg	0.28
Tetrachloroethene	ND	4.2	ug/kg	0.43
Toluene	ND	4.2	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.2	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.2	ug/kg	0.47
1,1,2-Trichloroethane	ND	4.2	ug/kg	0.33
Trichloroethene	ND	4.2	ug/kg	0.35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.2	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.2	ug/kg	0.54
1,3,5-Trimethylbenzene	ND	4.2	ug/kg	0.21
Vinyl chloride	ND	4.2	ug/kg	0.33
Xylenes (total)	ND	8.3	ug/kg	0.56
Methyl tert-butyl ether	ND	17	ug/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	73	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

GC/MS Volatiles

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG361CA **Matrix.....:** SO
Date Sampled...: 03/12/08 17:00 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079347
Dilution Factor: 1 **Initial Wgt/Vol:** 13.3 g **Final Wgt/Vol..:** 13.3 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	91	ug/kg	30
1,3,5-Trimethylbenzene	ND	91	ug/kg	29
Acetone	ND	690	ug/kg	110
Benzene	ND	46	ug/kg	7.3
Bromodichloromethane	ND	91	ug/kg	14
Bromoform	ND	91	ug/kg	15
Bromomethane	ND	230	ug/kg	29
2-Butanone	ND	690	ug/kg	56
Carbon disulfide	ND	230	ug/kg	23
Carbon tetrachloride	ND	46	ug/kg	14
Chlorobenzene	ND	46	ug/kg	7.2
Chloroethane	ND	230	ug/kg	74
Chloroform	ND	46	ug/kg	14
Chloromethane	ND	230	ug/kg	5.9
Cyclohexane	ND	1100	ug/kg	8.8
Dibromochloromethane	ND	46	ug/kg	7.9
1,2-Dibromo-3-chloro-propane	ND	230	ug/kg	69
1,2-Dibromoethane	ND	230	ug/kg	11
1,2-Dichlorobenzene	ND	91	ug/kg	19
1,3-Dichlorobenzene	ND	91	ug/kg	8.2
1,4-Dichlorobenzene	ND	91	ug/kg	9.0
Dichlorodifluoromethane	ND	91	ug/kg	6.2
1,1-Dichloroethane	ND	46	ug/kg	8.3
1,2-Dichloroethane	ND	46	ug/kg	11
1,1-Dichloroethene	ND	46	ug/kg	9.5
cis-1,2-Dichloroethene	ND	46	ug/kg	16
trans-1,2-Dichloroethene	ND	46	ug/kg	13
1,2-Dichloropropane	ND	46	ug/kg	8.4
cis-1,3-Dichloropropene	ND	46	ug/kg	6.3
trans-1,3-Dichloropropene	ND	46	ug/kg	6.2
Ethylbenzene	ND	46	ug/kg	7.8
2-Hexanone	ND	2300	ug/kg	27
Isopropylbenzene	ND	230	ug/kg	5.8
Methyl acetate	ND	1100	ug/kg	59
Methylene chloride	ND	230	ug/kg	110
Methylcyclohexane	ND	1100	ug/kg	6.5
4-Methyl-2-pentanone	ND	2300	ug/kg	13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

GC/MS Volatiles

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG361CA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	230	ug/kg	11
Styrene	ND	46	ug/kg	32
1,1,2,2-Tetrachloroethane	ND	46	ug/kg	9.4
Tetrachloroethene	ND	46	ug/kg	10
Toluene	ND	91	ug/kg	10
1,2,4-Trichloro-benzene	ND	230	ug/kg	14
1,1,1-Trichloroethane	ND	46	ug/kg	11
1,1,2-Trichloroethane	ND	46	ug/kg	11
Trichloroethene	**22 J**	**46**	**ug/kg**	**14**
Trichlorofluoromethane	ND	91	ug/kg	9.5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	230	ug/kg	11
Vinyl chloride	ND	37	ug/kg	18
Xylenes (total)	ND	140	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	109	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031208-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C130160-010 **Work Order #...:** KJG4A1AA **Matrix.....:** SQ
Date Sampled...: 03/12/08 **Date Received..:** 03/13/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	**0.76 J,B**	**5.0**	**ug/kg**	**0.67**
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031208-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C130160-010 **Work Order #...:** KJG4A1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031208-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C130160-010 **Work Order #...:** KJG4A1AC **Matrix.....:** SQ
Date Sampled...: 03/12/08 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/20/08
Prep Batch #...: 8079347
Dilution Factor: 2.38 **Initial Wgt/Vol:** 10 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	190	ug/kg	62
1,3,5-Trimethylbenzene	ND	190	ug/kg	60
Acetone	ND	1400	ug/kg	240
Benzene	ND	95	ug/kg	15
Bromodichloromethane	ND	190	ug/kg	29
Bromoform	ND	190	ug/kg	31
Bromomethane	ND	480	ug/kg	60
2-Butanone	ND	1400	ug/kg	120
Carbon disulfide	ND	480	ug/kg	48
Carbon tetrachloride	ND	95	ug/kg	29
Chlorobenzene	ND	95	ug/kg	15
Chloroethane	ND	480	ug/kg	150
Chloroform	ND	95	ug/kg	29
Chloromethane	ND	480	ug/kg	12
Cyclohexane	ND	2300	ug/kg	18
Dibromochloromethane	ND	95	ug/kg	16
1,2-Dibromo-3-chloro-propane	ND	480	ug/kg	140
1,2-Dibromoethane	ND	480	ug/kg	24
1,2-Dichlorobenzene	ND	190	ug/kg	40
1,3-Dichlorobenzene	ND	190	ug/kg	17
1,4-Dichlorobenzene	ND	190	ug/kg	19
Dichlorodifluoromethane	ND	190	ug/kg	13
1,1-Dichloroethane	ND	95	ug/kg	17
1,2-Dichloroethane	ND	95	ug/kg	22
1,1-Dichloroethene	ND	95	ug/kg	20
cis-1,2-Dichloroethene	ND	95	ug/kg	33
trans-1,2-Dichloroethene	ND	95	ug/kg	26
1,2-Dichloropropane	ND	95	ug/kg	18
cis-1,3-Dichloropropene	ND	95	ug/kg	13
trans-1,3-Dichloropropene	ND	95	ug/kg	13
Ethylbenzene	ND	95	ug/kg	16
2-Hexanone	ND	4800	ug/kg	57
Isopropylbenzene	ND	480	ug/kg	12
Methyl acetate	ND	2300	ug/kg	120
Methylene chloride	ND	480	ug/kg	240
Methylcyclohexane	ND	2300	ug/kg	14
4-Methyl-2-pentanone	ND	4800	ug/kg	26

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031208-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C130160-010 **Work Order #...:** KJG4A1AC **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	480	ug/kg	24
Styrene	ND	95	ug/kg	67
1,1,2,2-Tetrachloroethane	ND	95	ug/kg	20
Tetrachloroethene	ND	95	ug/kg	21
Toluene	ND	190	ug/kg	22
1,2,4-Trichloro-benzene	ND	480	ug/kg	29
1,1,1-Trichloroethane	ND	95	ug/kg	23
1,1,2-Trichloroethane	ND	95	ug/kg	24
Trichloroethene	ND	95	ug/kg	29
Trichlorofluoromethane	ND	190	ug/kg	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	480	ug/kg	24
Vinyl chloride	ND	76	ug/kg	38
Xylenes (total)	ND	290	ug/kg	36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	103	(60 - 143)
4-Bromofluorobenzene	101	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

GC/MS Volatiles

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF1CE **Matrix.....:** SO
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079306
Dilution Factor: 2 **Initial Wgt/Vol:** 13.4 g **Final Wgt/Vol..:** 13.4 mL
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	190	ug/kg	60
1,3,5-Trimethylbenzene	ND	190	ug/kg	58
Acetone	ND	1400	ug/kg	230
Benzene	**21 J**	**93**	**ug/kg**	**15**
Bromodichloromethane	ND	190	ug/kg	28
Bromoform	ND	190	ug/kg	30
Bromomethane	ND	460	ug/kg	58
2-Butanone	ND	1400	ug/kg	110
Carbon disulfide	ND	460	ug/kg	46
Carbon tetrachloride	ND	93	ug/kg	28
Chlorobenzene	ND	93	ug/kg	15
Chloroethane	ND	460	ug/kg	150
Chloroform	ND	93	ug/kg	28
Chloromethane	ND	460	ug/kg	12
Cyclohexane	ND	2200	ug/kg	18
Dibromochloromethane	ND	93	ug/kg	16
1,2-Dibromo-3-chloro-propane	ND	460	ug/kg	140
1,2-Dibromoethane	ND	460	ug/kg	23
1,2-Dichlorobenzene	ND	190	ug/kg	39
1,3-Dichlorobenzene	ND	190	ug/kg	17
1,4-Dichlorobenzene	ND	190	ug/kg	18
Dichlorodifluoromethane	ND	190	ug/kg	13
1,1-Dichloroethane	ND	93	ug/kg	17
1,2-Dichloroethane	ND	93	ug/kg	22
1,1-Dichloroethene	ND	93	ug/kg	19
cis-1,2-Dichloroethene	ND	93	ug/kg	32
trans-1,2-Dichloroethene	ND	93	ug/kg	25
1,2-Dichloropropane	ND	93	ug/kg	17
cis-1,3-Dichloropropene	ND	93	ug/kg	13
trans-1,3-Dichloropropene	ND	93	ug/kg	13
Ethylbenzene	**40 J**	**93**	**ug/kg**	**16**
2-Hexanone	ND	4600	ug/kg	56
Isopropylbenzene	**240 J**	**460**	**ug/kg**	**12**
Methyl acetate	ND	2200	ug/kg	120
Methylene chloride	ND	460	ug/kg	230
Methylcyclohexane	**160 J**	**2200**	**ug/kg**	**13**
4-Methyl-2-pentanone	ND	4600	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

GC/MS Volatiles

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF1CE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	460	ug/kg	23
Styrene	ND	93	ug/kg	65
1,1,2,2-Tetrachloroethane	ND	93	ug/kg	19
Tetrachloroethene	ND	93	ug/kg	21
Toluene	ND	190	ug/kg	21
1,2,4-Trichloro-benzene	ND	460	ug/kg	28
1,1,1-Trichloroethane	ND	93	ug/kg	22
1,1,2-Trichloroethane	ND	93	ug/kg	23
Trichloroethene	ND	93	ug/kg	28
Trichlorofluoromethane	ND	190	ug/kg	19
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	460	ug/kg	23
Vinyl chloride	ND	74	ug/kg	37
Xylenes (total)	ND	280	ug/kg	35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85 DIL	(59 - 138)
1,2-Dichloroethane-d4	87 DIL	(61 - 130)
Toluene-d8	96 DIL	(60 - 143)
4-Bromofluorobenzene	98 DIL	(47 - 158)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Elevated reporting limits due to TICs.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

GC/MS Volatiles

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP1AN **Matrix.....:** SO
Date Sampled...: 03/13/08 11:15 **Date Received..:** 03/14/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8078216
Dilution Factor: 0.73 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 10 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	16	ug/kg	5.1
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	ND	16	ug/kg	1.1
Carbon disulfide	ND	4.1	ug/kg	0.36
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.1	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.33
Cyclohexane	ND	8.1	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.28
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.42
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.33
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.51
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.1	ug/kg	1.1
Methylcyclohexane	ND	8.1	ug/kg	0.25
Methylene chloride	**1.0 J,B**	**4.1**	**ug/kg**	**0.54**
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

GC/MS Volatiles

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.42
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.45
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	ND	8.1	ug/kg	0.54
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	69	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
Toluene-d8	68	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031308-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C140235-003 **Work Order #...:** KJLXR1AA **Matrix.....:** SQ
Date Sampled...: 03/13/08 **Date Received..:** 03/14/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	**1.1 J,B**	**5.0**	**ug/kg**	**0.67**
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031308-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C140235-003 **Work Order #...:** KJLXR1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
1,2-Dichloroethane-d4	71	(61 - 130)
Toluene-d8	70	(60 - 143)
4-Bromofluorobenzene	82	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031308-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C140235-003 **Work Order #...:** KJLXR1AC **Matrix.....:** SQ
Date Sampled...: 03/13/08 **Date Received..:** 03/14/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079306
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	80	ug/kg	26
1,3,5-Trimethylbenzene	ND	80	ug/kg	25
Acetone	ND	600	ug/kg	99
Benzene	ND	40	ug/kg	6.4
Bromodichloromethane	ND	80	ug/kg	12
Bromoform	ND	80	ug/kg	13
Bromomethane	ND	200	ug/kg	25
2-Butanone	ND	600	ug/kg	49
Carbon disulfide	ND	200	ug/kg	20
Carbon tetrachloride	ND	40	ug/kg	12
Chlorobenzene	ND	40	ug/kg	6.3
Chloroethane	ND	200	ug/kg	65
Chloroform	ND	40	ug/kg	12
Chloromethane	ND	200	ug/kg	5.2
Cyclohexane	ND	960	ug/kg	7.7
Dibromochloromethane	ND	40	ug/kg	6.9
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	60
1,2-Dibromoethane	ND	200	ug/kg	9.9
1,2-Dichlorobenzene	ND	80	ug/kg	17
1,3-Dichlorobenzene	ND	80	ug/kg	7.2
1,4-Dichlorobenzene	ND	80	ug/kg	7.9
Dichlorodifluoromethane	ND	80	ug/kg	5.4
1,1-Dichloroethane	ND	40	ug/kg	7.3
1,2-Dichloroethane	ND	40	ug/kg	9.3
1,1-Dichloroethene	ND	40	ug/kg	8.3
cis-1,2-Dichloroethene	ND	40	ug/kg	14
trans-1,2-Dichloroethene	ND	40	ug/kg	11
1,2-Dichloropropane	ND	40	ug/kg	7.4
cis-1,3-Dichloropropene	ND	40	ug/kg	5.5
trans-1,3-Dichloropropene	ND	40	ug/kg	5.4
Ethylbenzene	ND	40	ug/kg	6.8
2-Hexanone	ND	2000	ug/kg	24
Isopropylbenzene	ND	200	ug/kg	5.1
Methyl acetate	ND	960	ug/kg	52
Methylene chloride	ND	200	ug/kg	99
Methylcyclohexane	ND	960	ug/kg	5.7
4-Methyl-2-pentanone	ND	2000	ug/kg	11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031308-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C140235-003 **Work Order #...:** KJLXR1AC **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	200	ug/kg	10
Styrene	ND	40	ug/kg	28
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	8.2
Tetrachloroethene	ND	40	ug/kg	9.0
Toluene	ND	80	ug/kg	9.1
1,2,4-Trichloro-benzene	ND	200	ug/kg	12
1,1,1-Trichloroethane	ND	40	ug/kg	9.5
1,1,2-Trichloroethane	ND	40	ug/kg	9.9
Trichloroethene	ND	40	ug/kg	12
Trichlorofluoromethane	ND	80	ug/kg	8.3
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	10
Vinyl chloride	ND	32	ug/kg	16
Xylenes (total)	ND	120	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	100	(60 - 143)
4-Bromofluorobenzene	95	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

GC/MS Volatiles

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX71AN **Matrix.....:** SO
Date Sampled...: 03/13/08 14:35 **Date Received..:** 03/14/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.6 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	14	ug/kg	4.3
Benzene	ND	3.4	ug/kg	0.16
Bromodichloromethane	ND	3.4	ug/kg	0.19
Bromoform	ND	3.4	ug/kg	0.22
Bromomethane	ND	3.4	ug/kg	0.37
2-Butanone	ND	14	ug/kg	0.95
Carbon disulfide	ND	3.4	ug/kg	0.30
Carbon tetrachloride	ND	3.4	ug/kg	0.25
Chlorobenzene	ND	3.4	ug/kg	0.22
Dibromochloromethane	ND	3.4	ug/kg	0.37
1,2-Dibromo-3-chloro-propane	ND	6.8	ug/kg	0.88
Chloroethane	ND	3.4	ug/kg	0.58
Chloroform	ND	3.4	ug/kg	0.20
Chloromethane	ND	3.4	ug/kg	0.28
Cyclohexane	ND	6.8	ug/kg	0.22
1,2-Dibromoethane	ND	3.4	ug/kg	0.34
1,2-Dichlorobenzene	ND	3.4	ug/kg	0.24
1,3-Dichlorobenzene	ND	3.4	ug/kg	0.24
1,4-Dichlorobenzene	ND	3.4	ug/kg	0.45
Dichlorodifluoromethane	ND	3.4	ug/kg	0.34
1,1-Dichloroethane	ND	3.4	ug/kg	0.24
1,2-Dichloroethane	ND	3.4	ug/kg	0.23
1,1-Dichloroethene	ND	3.4	ug/kg	0.35
cis-1,2-Dichloroethene	ND	3.4	ug/kg	0.24
trans-1,2-Dichloroethene	ND	3.4	ug/kg	0.28
1,2-Dichloropropane	ND	3.4	ug/kg	0.47
cis-1,3-Dichloropropene	ND	3.4	ug/kg	0.23
trans-1,3-Dichloropropene	ND	3.4	ug/kg	0.37
Ethylbenzene	ND	3.4	ug/kg	0.18
Trichlorofluoromethane	ND	3.4	ug/kg	0.23
2-Hexanone	ND	14	ug/kg	0.43
Isopropylbenzene	ND	3.4	ug/kg	0.11
Methyl acetate	ND	6.8	ug/kg	0.95
Methylcyclohexane	ND	6.8	ug/kg	0.21
Methylene chloride	**0.53 J,B**	**3.4**	**ug/kg**	**0.45**
4-Methyl-2-pentanone	ND	14	ug/kg	0.37
Styrene	ND	3.4	ug/kg	0.10

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

GC/MS Volatiles

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX71AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.4	ug/kg	0.23
Tetrachloroethene	ND	3.4	ug/kg	0.35
Toluene	ND	3.4	ug/kg	0.18
1,2,4-Trichloro-benzene	ND	3.4	ug/kg	0.18
1,1,1-Trichloroethane	ND	3.4	ug/kg	0.38
1,1,2-Trichloroethane	ND	3.4	ug/kg	0.26
Trichloroethene	ND	3.4	ug/kg	0.28
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.4	ug/kg	0.88
1,2,4-Trimethylbenzene	ND	3.4	ug/kg	0.44
1,3,5-Trimethylbenzene	ND	3.4	ug/kg	0.17
Vinyl chloride	ND	3.4	ug/kg	0.26
Xylenes (total)	ND	6.8	ug/kg	0.45
Methyl tert-butyl ether	ND	14	ug/kg	0.29

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	72	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
Toluene-d8	70	(60 - 143)
4-Bromofluorobenzene	84	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

GC/MS Volatiles

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A1AN **Matrix.....:** SO
Date Sampled...: 03/13/08 15:10 **Date Received..:** 03/14/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.72 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.7 J**	**16**	**ug/kg**	**5.2**
Benzene	ND	4.1	ug/kg	0.19
Bromodichloromethane	ND	4.1	ug/kg	0.23
Bromoform	ND	4.1	ug/kg	0.27
Bromomethane	ND	4.1	ug/kg	0.44
2-Butanone	**1.5 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	**1.2 J**	**4.1**	**ug/kg**	**0.36**
Carbon tetrachloride	ND	4.1	ug/kg	0.30
Chlorobenzene	ND	4.1	ug/kg	0.27
Dibromochloromethane	ND	4.1	ug/kg	0.45
1,2-Dibromo-3-chloro-propane	ND	8.2	ug/kg	1.1
Chloroethane	ND	4.1	ug/kg	0.70
Chloroform	ND	4.1	ug/kg	0.24
Chloromethane	ND	4.1	ug/kg	0.34
Cyclohexane	ND	8.2	ug/kg	0.27
1,2-Dibromoethane	ND	4.1	ug/kg	0.41
1,2-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,3-Dichlorobenzene	ND	4.1	ug/kg	0.29
1,4-Dichlorobenzene	ND	4.1	ug/kg	0.54
Dichlorodifluoromethane	ND	4.1	ug/kg	0.41
1,1-Dichloroethane	ND	4.1	ug/kg	0.29
1,2-Dichloroethane	ND	4.1	ug/kg	0.28
1,1-Dichloroethene	ND	4.1	ug/kg	0.43
cis-1,2-Dichloroethene	ND	4.1	ug/kg	0.29
trans-1,2-Dichloroethene	ND	4.1	ug/kg	0.34
1,2-Dichloropropane	ND	4.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	4.1	ug/kg	0.28
trans-1,3-Dichloropropene	ND	4.1	ug/kg	0.44
Ethylbenzene	ND	4.1	ug/kg	0.21
Trichlorofluoromethane	ND	4.1	ug/kg	0.28
2-Hexanone	ND	16	ug/kg	0.52
Isopropylbenzene	ND	4.1	ug/kg	0.13
Methyl acetate	ND	8.2	ug/kg	1.1
Methylcyclohexane	ND	8.2	ug/kg	0.25
Methylene chloride	**0.74 J,B**	**4.1**	**ug/kg**	**0.55**
4-Methyl-2-pentanone	ND	16	ug/kg	0.44
Styrene	ND	4.1	ug/kg	0.12

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

GC/MS Volatiles

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.1	ug/kg	0.28
Tetrachloroethene	ND	4.1	ug/kg	0.43
Toluene	ND	4.1	ug/kg	0.22
1,2,4-Trichloro-benzene	ND	4.1	ug/kg	0.22
1,1,1-Trichloroethane	ND	4.1	ug/kg	0.46
1,1,2-Trichloroethane	ND	4.1	ug/kg	0.32
Trichloroethene	ND	4.1	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.1	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.1	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.1	ug/kg	0.20
Vinyl chloride	ND	4.1	ug/kg	0.32
Xylenes (total)	ND	8.2	ug/kg	0.55
Methyl tert-butyl ether	ND	16	ug/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	72	(59 - 138)
1,2-Dichloroethane-d4	73	(61 - 130)
Toluene-d8	68	(60 - 143)
4-Bromofluorobenzene	86	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

GC/MS Volatiles

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D1CA **Matrix.....:** SO
Date Sampled...: 03/13/08 16:00 **Date Received..:** 03/14/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079306
Dilution Factor: 1 **Initial Wgt/Vol:** 12.3 g **Final Wgt/Vol..:** 12.3 mL
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	**52 J**	**93**	**ug/kg**	**30**
1,3,5-Trimethylbenzene	**53 J**	**93**	**ug/kg**	**29**
Acetone	ND	700	ug/kg	120
Benzene	ND	47	ug/kg	7.5
Bromodichloromethane	ND	93	ug/kg	14
Bromoform	ND	93	ug/kg	15
Bromomethane	ND	230	ug/kg	29
2-Butanone	ND	700	ug/kg	57
Carbon disulfide	ND	230	ug/kg	23
Carbon tetrachloride	ND	47	ug/kg	14
Chlorobenzene	ND	47	ug/kg	7.4
Chloroethane	ND	230	ug/kg	76
Chloroform	ND	47	ug/kg	14
Chloromethane	ND	230	ug/kg	6.1
Cyclohexane	**58 J**	**1100**	**ug/kg**	**9.0**
Dibromochloromethane	ND	47	ug/kg	8.1
1,2-Dibromo-3-chloro-propane	ND	230	ug/kg	70
1,2-Dibromoethane	ND	230	ug/kg	12
1,2-Dichlorobenzene	ND	93	ug/kg	20
1,3-Dichlorobenzene	ND	93	ug/kg	8.4
1,4-Dichlorobenzene	ND	93	ug/kg	9.2
Dichlorodifluoromethane	ND	93	ug/kg	6.3
1,1-Dichloroethane	ND	47	ug/kg	8.5
1,2-Dichloroethane	ND	47	ug/kg	11
1,1-Dichloroethene	ND	47	ug/kg	9.7
cis-1,2-Dichloroethene	ND	47	ug/kg	16
trans-1,2-Dichloroethene	ND	47	ug/kg	13
1,2-Dichloropropane	ND	47	ug/kg	8.6
cis-1,3-Dichloropropene	ND	47	ug/kg	6.4
trans-1,3-Dichloropropene	ND	47	ug/kg	6.3
Ethylbenzene	**22 J**	**47**	**ug/kg**	**7.9**
2-Hexanone	ND	2300	ug/kg	28
Isopropylbenzene	**74 J**	**230**	**ug/kg**	**6.0**
Methyl acetate	ND	1100	ug/kg	61
Methylene chloride	ND	230	ug/kg	120
Methylcyclohexane	**110 J**	**1100**	**ug/kg**	**6.7**
4-Methyl-2-pentanone	ND	2300	ug/kg	13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

GC/MS Volatiles

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D1CA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	230	ug/kg	12
Styrene	ND	47	ug/kg	33
1,1,2,2-Tetrachloroethane	ND	47	ug/kg	9.6
Tetrachloroethene	ND	47	ug/kg	11
Toluene	**14 J**	**93**	**ug/kg**	**11**
1,2,4-Trichloro-benzene	ND	230	ug/kg	14
1,1,1-Trichloroethane	ND	47	ug/kg	11
1,1,2-Trichloroethane	ND	47	ug/kg	12
Trichloroethene	ND	47	ug/kg	14
Trichlorofluoromethane	ND	93	ug/kg	9.7
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	230	ug/kg	12
Vinyl chloride	ND	37	ug/kg	19
Xylenes (total)	**81 J**	**140**	**ug/kg**	**18**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	106	(60 - 143)
4-Bromofluorobenzene	102	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

GC/MS Volatiles

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM1AC **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 0.8 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.1 J**	**19**	**ug/kg**	**6.1**
Benzene	ND	4.8	ug/kg	0.22
Bromodichloromethane	ND	4.8	ug/kg	0.27
Bromoform	ND	4.8	ug/kg	0.32
Bromomethane	ND	4.8	ug/kg	0.52
2-Butanone	**1.8 J**	**19**	**ug/kg**	**1.4**
Carbon disulfide	ND	4.8	ug/kg	0.43
Carbon tetrachloride	ND	4.8	ug/kg	0.36
Chlorobenzene	ND	4.8	ug/kg	0.32
Dibromochloromethane	ND	4.8	ug/kg	0.53
1,2-Dibromo-3-chloro-propane	ND	9.7	ug/kg	1.3
Chloroethane	ND	4.8	ug/kg	0.83
Chloroform	ND	4.8	ug/kg	0.28
Chloromethane	ND	4.8	ug/kg	0.40
Cyclohexane	ND	9.7	ug/kg	0.32
1,2-Dibromoethane	ND	4.8	ug/kg	0.48
1,2-Dichlorobenzene	ND	4.8	ug/kg	0.35
1,3-Dichlorobenzene	ND	4.8	ug/kg	0.34
1,4-Dichlorobenzene	ND	4.8	ug/kg	0.64
Dichlorodifluoromethane	ND	4.8	ug/kg	0.48
1,1-Dichloroethane	ND	4.8	ug/kg	0.35
1,2-Dichloroethane	ND	4.8	ug/kg	0.33
1,1-Dichloroethene	ND	4.8	ug/kg	0.50
cis-1,2-Dichloroethene	ND	4.8	ug/kg	0.35
trans-1,2-Dichloroethene	ND	4.8	ug/kg	0.40
1,2-Dichloropropane	ND	4.8	ug/kg	0.67
cis-1,3-Dichloropropene	ND	4.8	ug/kg	0.33
trans-1,3-Dichloropropene	ND	4.8	ug/kg	0.52
Ethylbenzene	ND	4.8	ug/kg	0.25
Trichlorofluoromethane	ND	4.8	ug/kg	0.33
2-Hexanone	ND	19	ug/kg	0.61
Isopropylbenzene	ND	4.8	ug/kg	0.16
Methyl acetate	ND	9.7	ug/kg	1.4
Methylcyclohexane	ND	9.7	ug/kg	0.30
Methylene chloride	**1.5 J,B**	**4.8**	**ug/kg**	**0.65**
4-Methyl-2-pentanone	ND	19	ug/kg	0.52
Styrene	ND	4.8	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

GC/MS Volatiles

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM1AC **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.8	ug/kg	0.33
Tetrachloroethene	ND	4.8	ug/kg	0.50
Toluene	**0.30 J**	**4.8**	**ug/kg**	**0.26**
1,2,4-Trichloro-benzene	ND	4.8	ug/kg	0.26
1,1,1-Trichloroethane	ND	4.8	ug/kg	0.54
1,1,2-Trichloroethane	ND	4.8	ug/kg	0.38
Trichloroethene	ND	4.8	ug/kg	0.41
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.8	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	4.8	ug/kg	0.63
1,3,5-Trimethylbenzene	ND	4.8	ug/kg	0.24
Vinyl chloride	ND	4.8	ug/kg	0.38
Xylenes (total)	ND	9.7	ug/kg	0.65
Methyl tert-butyl ether	ND	19	ug/kg	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	76	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
Toluene-d8	75	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

GC/MS Volatiles

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ11AN **Matrix.....:** SO
Date Sampled...: 03/14/08 10:50 **Date Received..:** 03/15/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 0.73 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 14 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	17	ug/kg	5.4
Benzene	ND	4.3	ug/kg	0.20
Bromodichloromethane	ND	4.3	ug/kg	0.24
Bromoform	ND	4.3	ug/kg	0.28
Bromomethane	ND	4.3	ug/kg	0.46
2-Butanone	ND	17	ug/kg	1.2
Carbon disulfide	ND	4.3	ug/kg	0.38
Carbon tetrachloride	ND	4.3	ug/kg	0.32
Chlorobenzene	ND	4.3	ug/kg	0.28
Dibromochloromethane	ND	4.3	ug/kg	0.47
1,2-Dibromo-3-chloro-propane	ND	8.5	ug/kg	1.1
Chloroethane	ND	4.3	ug/kg	0.73
Chloroform	ND	4.3	ug/kg	0.25
Chloromethane	ND	4.3	ug/kg	0.35
Cyclohexane	ND	8.5	ug/kg	0.28
1,2-Dibromoethane	ND	4.3	ug/kg	0.43
1,2-Dichlorobenzene	ND	4.3	ug/kg	0.31
1,3-Dichlorobenzene	ND	4.3	ug/kg	0.30
1,4-Dichlorobenzene	ND	4.3	ug/kg	0.56
Dichlorodifluoromethane	ND	4.3	ug/kg	0.43
1,1-Dichloroethane	ND	4.3	ug/kg	0.31
1,2-Dichloroethane	ND	4.3	ug/kg	0.29
1,1-Dichloroethene	ND	4.3	ug/kg	0.44
cis-1,2-Dichloroethene	ND	4.3	ug/kg	0.31
trans-1,2-Dichloroethene	ND	4.3	ug/kg	0.35
1,2-Dichloropropane	ND	4.3	ug/kg	0.59
cis-1,3-Dichloropropene	ND	4.3	ug/kg	0.29
trans-1,3-Dichloropropene	ND	4.3	ug/kg	0.46
Ethylbenzene	ND	4.3	ug/kg	0.22
Trichlorofluoromethane	ND	4.3	ug/kg	0.29
2-Hexanone	ND	17	ug/kg	0.54
Isopropylbenzene	ND	4.3	ug/kg	0.14
Methyl acetate	ND	8.5	ug/kg	1.2
Methylcyclohexane	ND	8.5	ug/kg	0.26
Methylene chloride	**0.70 J,B**	**4.3**	**ug/kg**	**0.57**
4-Methyl-2-pentanone	ND	17	ug/kg	0.46
Styrene	ND	4.3	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

GC/MS Volatiles

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ11AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.3	ug/kg	0.29
Tetrachloroethene	ND	4.3	ug/kg	0.44
Toluene	ND	4.3	ug/kg	0.23
1,2,4-Trichloro-benzene	ND	4.3	ug/kg	0.23
1,1,1-Trichloroethane	ND	4.3	ug/kg	0.48
1,1,2-Trichloroethane	ND	4.3	ug/kg	0.33
Trichloroethene	ND	4.3	ug/kg	0.36
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.3	ug/kg	1.1
1,2,4-Trimethylbenzene	ND	4.3	ug/kg	0.55
1,3,5-Trimethylbenzene	ND	4.3	ug/kg	0.21
Vinyl chloride	ND	4.3	ug/kg	0.33
Xylenes (total)	ND	8.5	ug/kg	0.57
Methyl tert-butyl ether	ND	17	ug/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	81	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

GC/MS Volatiles

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ21CD **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079457
Dilution Factor: 1.23 **Initial Wgt/Vol:** 8.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.2 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	100	ug/kg	34
1,3,5-Trimethylbenzene	ND	100	ug/kg	33
Acetone	ND	790	ug/kg	130
Benzene	ND	52	ug/kg	8.4
Bromodichloromethane	ND	100	ug/kg	16
Bromoform	ND	100	ug/kg	17
Bromomethane	ND	260	ug/kg	33
2-Butanone	ND	790	ug/kg	64
Carbon disulfide	ND	260	ug/kg	26
Carbon tetrachloride	ND	52	ug/kg	16
Chlorobenzene	ND	52	ug/kg	8.3
Chloroethane	ND	260	ug/kg	85
Chloroform	ND	52	ug/kg	16
Chloromethane	ND	260	ug/kg	6.8
Cyclohexane	ND	1300	ug/kg	10
Dibromochloromethane	ND	52	ug/kg	9.1
1,2-Dibromo-3-chloro-propane	ND	260	ug/kg	79
1,2-Dibromoethane	ND	260	ug/kg	13
1,2-Dichlorobenzene	ND	100	ug/kg	22
1,3-Dichlorobenzene	ND	100	ug/kg	9.4
1,4-Dichlorobenzene	ND	100	ug/kg	10
Dichlorodifluoromethane	ND	100	ug/kg	7.1
1,1-Dichloroethane	**18 J**	**52**	**ug/kg**	**9.6**
1,2-Dichloroethane	ND	52	ug/kg	12
1,1-Dichloroethene	**110**	**52**	**ug/kg**	**11**
cis-1,2-Dichloroethene	ND	52	ug/kg	18
trans-1,2-Dichloroethene	ND	52	ug/kg	14
1,2-Dichloropropane	ND	52	ug/kg	9.7
cis-1,3-Dichloropropene	ND	52	ug/kg	7.2
trans-1,3-Dichloropropene	ND	52	ug/kg	7.1
Ethylbenzene	ND	52	ug/kg	8.9
2-Hexanone	ND	2600	ug/kg	31
Isopropylbenzene	ND	260	ug/kg	6.7
Methyl acetate	ND	1300	ug/kg	68
Methylene chloride	ND	260	ug/kg	130
Methylcyclohexane	ND	1300	ug/kg	7.5
4-Methyl-2-pentanone	ND	2600	ug/kg	14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

GC/MS Volatiles

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ21CD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	260	ug/kg	13
Styrene	ND	52	ug/kg	37
1,1,2,2-Tetrachloroethane	ND	52	ug/kg	11
Tetrachloroethene	**33 J**	**52**	**ug/kg**	**12**
Toluene	ND	100	ug/kg	12
1,2,4-Trichloro-benzene	ND	260	ug/kg	16
1,1,1-Trichloroethane	**400**	**52**	**ug/kg**	**12**
1,1,2-Trichloroethane	ND	52	ug/kg	13
Trichloroethene	**1300**	**52**	**ug/kg**	**16**
Trichlorofluoromethane	ND	100	ug/kg	11
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	260	ug/kg	13
Vinyl chloride	ND	42	ug/kg	21
Xylenes (total)	ND	160	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	128	(59 - 138)
1,2-Dichloroethane-d4	121	(61 - 130)
Toluene-d8	143	(60 - 143)
4-Bromofluorobenzene	141	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

GC/MS Volatiles

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ31AN **Matrix.....:** SO
Date Sampled...: 03/14/08 10:00 **Date Received..:** 03/15/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 0.75 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 17 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	18	ug/kg	5.7
Benzene	ND	4.5	ug/kg	0.21
Bromodichloromethane	ND	4.5	ug/kg	0.25
Bromoform	ND	4.5	ug/kg	0.30
Bromomethane	ND	4.5	ug/kg	0.49
2-Butanone	ND	18	ug/kg	1.3
Carbon disulfide	ND	4.5	ug/kg	0.40
Carbon tetrachloride	ND	4.5	ug/kg	0.34
Chlorobenzene	ND	4.5	ug/kg	0.30
Dibromochloromethane	ND	4.5	ug/kg	0.50
1,2-Dibromo-3-chloro-propane	ND	9.1	ug/kg	1.2
Chloroethane	ND	4.5	ug/kg	0.78
Chloroform	ND	4.5	ug/kg	0.26
Chloromethane	ND	4.5	ug/kg	0.37
Cyclohexane	ND	9.1	ug/kg	0.30
1,2-Dibromoethane	ND	4.5	ug/kg	0.45
1,2-Dichlorobenzene	ND	4.5	ug/kg	0.33
1,3-Dichlorobenzene	ND	4.5	ug/kg	0.32
1,4-Dichlorobenzene	ND	4.5	ug/kg	0.60
Dichlorodifluoromethane	ND	4.5	ug/kg	0.45
1,1-Dichloroethane	ND	4.5	ug/kg	0.33
1,2-Dichloroethane	ND	4.5	ug/kg	0.31
1,1-Dichloroethene	ND	4.5	ug/kg	0.47
cis-1,2-Dichloroethene	ND	4.5	ug/kg	0.33
trans-1,2-Dichloroethene	ND	4.5	ug/kg	0.37
1,2-Dichloropropane	ND	4.5	ug/kg	0.63
cis-1,3-Dichloropropene	ND	4.5	ug/kg	0.31
trans-1,3-Dichloropropene	ND	4.5	ug/kg	0.49
Ethylbenzene	ND	4.5	ug/kg	0.24
Trichlorofluoromethane	ND	4.5	ug/kg	0.31
2-Hexanone	ND	18	ug/kg	0.57
Isopropylbenzene	ND	4.5	ug/kg	0.15
Methyl acetate	ND	9.1	ug/kg	1.3
Methylcyclohexane	ND	9.1	ug/kg	0.28
Methylene chloride	**0.97 J,B**	**4.5**	**ug/kg**	**0.61**
4-Methyl-2-pentanone	ND	18	ug/kg	0.49
Styrene	ND	4.5	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

GC/MS Volatiles

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ31AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.5	ug/kg	0.31
Tetrachloroethene	ND	4.5	ug/kg	0.47
Toluene	ND	4.5	ug/kg	0.25
1,2,4-Trichloro-benzene	ND	4.5	ug/kg	0.25
1,1,1-Trichloroethane	ND	4.5	ug/kg	0.51
1,1,2-Trichloroethane	ND	4.5	ug/kg	0.35
Trichloroethene	ND	4.5	ug/kg	0.38
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.5	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.5	ug/kg	0.59
1,3,5-Trimethylbenzene	ND	4.5	ug/kg	0.23
Vinyl chloride	ND	4.5	ug/kg	0.35
Xylenes (total)	ND	9.1	ug/kg	0.61
Methyl tert-butyl ether	ND	18	ug/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	80	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	78	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031408-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C150172-005 **Work Order #...:** KJNQ41AA **Matrix.....:** SQ
Date Sampled...: 03/14/08 **Date Received..:** 03/15/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	6.3
Benzene	ND	5.0	ug/kg	0.23
Bromodichloromethane	ND	5.0	ug/kg	0.28
Bromoform	ND	5.0	ug/kg	0.33
Bromomethane	ND	5.0	ug/kg	0.54
2-Butanone	ND	20	ug/kg	1.4
Carbon disulfide	ND	5.0	ug/kg	0.44
Carbon tetrachloride	ND	5.0	ug/kg	0.37
Chlorobenzene	ND	5.0	ug/kg	0.33
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
Chloroethane	ND	5.0	ug/kg	0.86
Chloroform	ND	5.0	ug/kg	0.29
Chloromethane	ND	5.0	ug/kg	0.41
Cyclohexane	ND	10	ug/kg	0.33
1,2-Dibromoethane	ND	5.0	ug/kg	0.50
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.36
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.35
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.66
Dichlorodifluoromethane	ND	5.0	ug/kg	0.50
1,1-Dichloroethane	ND	5.0	ug/kg	0.36
1,2-Dichloroethane	ND	5.0	ug/kg	0.34
1,1-Dichloroethene	ND	5.0	ug/kg	0.52
cis-1,2-Dichloroethene	ND	5.0	ug/kg	0.36
trans-1,2-Dichloroethene	ND	5.0	ug/kg	0.41
1,2-Dichloropropane	ND	5.0	ug/kg	0.69
cis-1,3-Dichloropropene	ND	5.0	ug/kg	0.34
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.54
Ethylbenzene	ND	5.0	ug/kg	0.26
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylcyclohexane	ND	10	ug/kg	0.31
Methylene chloride	**0.79 J,B**	**5.0**	**ug/kg**	**0.67**
4-Methyl-2-pentanone	ND	20	ug/kg	0.54
Styrene	ND	5.0	ug/kg	0.15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031408-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C150172-005 **Work Order #...:** KJNQ41AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.34
Tetrachloroethene	ND	5.0	ug/kg	0.52
Toluene	ND	5.0	ug/kg	0.27
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.27
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.56
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.39
Trichloroethene	ND	5.0	ug/kg	0.42
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67
Methyl tert-butyl ether	ND	20	ug/kg	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	79	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
Toluene-d8	76	(60 - 143)
4-Bromofluorobenzene	78	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031408-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C150172-005 **Work Order #...:** KJNQ41AC **Matrix.....:** SQ
Date Sampled...: 03/14/08 **Date Received..:** 03/15/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079457
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	80	ug/kg	26
1,3,5-Trimethylbenzene	ND	80	ug/kg	25
Acetone	ND	600	ug/kg	99
Benzene	ND	40	ug/kg	6.4
Bromodichloromethane	ND	80	ug/kg	12
Bromoform	ND	80	ug/kg	13
Bromomethane	ND	200	ug/kg	25
2-Butanone	ND	600	ug/kg	49
Carbon disulfide	ND	200	ug/kg	20
Carbon tetrachloride	ND	40	ug/kg	12
Chlorobenzene	ND	40	ug/kg	6.3
Chloroethane	ND	200	ug/kg	65
Chloroform	ND	40	ug/kg	12
Chloromethane	ND	200	ug/kg	5.2
Cyclohexane	ND	960	ug/kg	7.7
Dibromochloromethane	ND	40	ug/kg	6.9
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	60
1,2-Dibromoethane	ND	200	ug/kg	9.9
1,2-Dichlorobenzene	ND	80	ug/kg	17
1,3-Dichlorobenzene	ND	80	ug/kg	7.2
1,4-Dichlorobenzene	ND	80	ug/kg	7.9
Dichlorodifluoromethane	ND	80	ug/kg	5.4
1,1-Dichloroethane	ND	40	ug/kg	7.3
1,2-Dichloroethane	ND	40	ug/kg	9.3
1,1-Dichloroethene	ND	40	ug/kg	8.3
cis-1,2-Dichloroethene	ND	40	ug/kg	14
trans-1,2-Dichloroethene	ND	40	ug/kg	11
1,2-Dichloropropane	ND	40	ug/kg	7.4
cis-1,3-Dichloropropene	ND	40	ug/kg	5.5
trans-1,3-Dichloropropene	ND	40	ug/kg	5.4
Ethylbenzene	ND	40	ug/kg	6.8
2-Hexanone	ND	2000	ug/kg	24
Isopropylbenzene	ND	200	ug/kg	5.1
Methyl acetate	ND	960	ug/kg	52
Methylene chloride	ND	200	ug/kg	99
Methylcyclohexane	ND	960	ug/kg	5.7
4-Methyl-2-pentanone	ND	2000	ug/kg	11

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-031408-CB-001

GC/MS Volatiles

Lot-Sample #...: A8C150172-005 **Work Order #...:** KJNQ41AC **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	200	ug/kg	10
Styrene	ND	40	ug/kg	28
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	8.2
Tetrachloroethene	ND	40	ug/kg	9.0
Toluene	ND	80	ug/kg	9.1
1,2,4-Trichloro-benzene	ND	200	ug/kg	12
1,1,1-Trichloroethane	ND	40	ug/kg	9.5
1,1,2-Trichloroethane	ND	40	ug/kg	9.9
Trichloroethene	ND	40	ug/kg	12
Trichlorofluoromethane	ND	80	ug/kg	8.3
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	10
Vinyl chloride	ND	32	ug/kg	16
Xylenes (total)	ND	120	ug/kg	15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	109	(60 - 143)
4-Bromofluorobenzene	102	(47 - 158)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C140000-407

Prep Date.....: 03/13/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/13/08 **Prep Batch #...:** 8074407
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**1.6 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**0.47 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	77	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	76	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C170000-283

Prep Date.....: 03/14/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/14/08 **Prep Batch #...:** 8077283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**1.5 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**0.57 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	79	(61 - 130)
Toluene-d8	74	(60 - 143)
4-Bromofluorobenzene	75	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C170000-439

Prep Date.....: 03/15/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/15/08 **Prep Batch #...:** 8077439
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**2.7 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.54 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	75	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
Toluene-d8	75	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AA **Matrix.....:** WATER
MB Lot-Sample #: A8C180000-055

Prep Date.....: 03/17/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/17/08 **Prep Batch #...:** 8078055
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	**0.49 J**	**1.0**	**ug/L**	**SW846 8260B**
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.77 J**	**5.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	**0.50 J**	**1.0**	**ug/L**	**SW846 8260B**
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

NOTE(S):

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

J Estimated result. Result is less than RL.

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C180000-216

Prep Date.....: 03/17/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/17/08 **Prep Batch #...:** 8078216
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**1.4 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**0.43 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	71	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
Toluene-d8	72	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C190000-248

Prep Date.....: 03/18/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 03/18/08 **Prep Batch #...:** 8079248
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	20	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
Methylene chloride	**1.0 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**0.56 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	78	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	77	(60 - 143)
4-Bromofluorobenzene	76	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C190000-306

Prep Date.....: 03/14/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/18/08 **Prep Batch #...:** 8079306
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Acetone	ND	600	ug/kg	SW846 8260B
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	80	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	200	ug/kg	SW846 8260B
2-Butanone	ND	600	ug/kg	SW846 8260B
Carbon disulfide	ND	200	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Chloroethane	ND	200	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	200	ug/kg	SW846 8260B
Cyclohexane	ND	960	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	200	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
2-Hexanone	ND	2000	ug/kg	SW846 8260B
Isopropylbenzene	ND	200	ug/kg	SW846 8260B
Methyl acetate	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	80	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	**39 J**	**200**	**ug/kg**	**SW846 8260B**
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	102	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C190000-344

Prep Date.....: 03/11/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/17/08 **Prep Batch #...:** 8079344
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Acetone	ND	600	ug/kg	SW846 8260B
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	80	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	200	ug/kg	SW846 8260B
2-Butanone	ND	600	ug/kg	SW846 8260B
Carbon disulfide	ND	200	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Chloroethane	ND	200	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	200	ug/kg	SW846 8260B
Cyclohexane	ND	960	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	200	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
2-Hexanone	ND	2000	ug/kg	SW846 8260B
Isopropylbenzene	ND	200	ug/kg	SW846 8260B
Methyl acetate	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	80	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	200	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	96	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C190000-346

Prep Date.....: 03/12/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/18/08 **Prep Batch #...:** 8079346
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Acetone	ND	600	ug/kg	SW846 8260B
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	80	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	200	ug/kg	SW846 8260B
2-Butanone	ND	600	ug/kg	SW846 8260B
Carbon disulfide	ND	200	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Chloroethane	ND	200	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	200	ug/kg	SW846 8260B
Cyclohexane	ND	960	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	200	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
2-Hexanone	ND	2000	ug/kg	SW846 8260B
Isopropylbenzene	ND	200	ug/kg	SW846 8260B
Methyl acetate	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	80	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	200	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	81	(61 - 130)
Toluene-d8	95	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)

NOTE(S):

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

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C190000-347

Prep Date.....: 03/13/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/18/08 **Prep Batch #...:** 8079347
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Acetone	ND	600	ug/kg	SW846 8260B
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	80	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	200	ug/kg	SW846 8260B
2-Butanone	ND	600	ug/kg	SW846 8260B
Carbon disulfide	ND	200	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Chloroethane	ND	200	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	200	ug/kg	SW846 8260B
Cyclohexane	ND	960	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	200	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
2-Hexanone	ND	2000	ug/kg	SW846 8260B
Isopropylbenzene	ND	200	ug/kg	SW846 8260B
Methyl acetate	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	80	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	200	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	102	(60 - 143)
4-Bromofluorobenzene	100	(47 - 158)

NOTE(S):

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

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C190000-457

Prep Date.....: 03/15/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/18/08 **Prep Batch #...:** 8079457
Dilution Factor: 1 **Initial Wgt/Vol:** 10 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Acetone	ND	600	ug/kg	SW846 8260B
Benzene	ND	40	ug/kg	SW846 8260B
Bromodichloromethane	ND	80	ug/kg	SW846 8260B
Bromoform	ND	80	ug/kg	SW846 8260B
Bromomethane	ND	200	ug/kg	SW846 8260B
2-Butanone	ND	600	ug/kg	SW846 8260B
Carbon disulfide	ND	200	ug/kg	SW846 8260B
Carbon tetrachloride	ND	40	ug/kg	SW846 8260B
Chlorobenzene	ND	40	ug/kg	SW846 8260B
Chloroethane	ND	200	ug/kg	SW846 8260B
Chloroform	ND	40	ug/kg	SW846 8260B
Chloromethane	ND	200	ug/kg	SW846 8260B
Cyclohexane	ND	960	ug/kg	SW846 8260B
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	200	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	80	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	80	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	40	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	40	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	40	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	40	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	40	ug/kg	SW846 8260B
Ethylbenzene	ND	40	ug/kg	SW846 8260B
2-Hexanone	ND	2000	ug/kg	SW846 8260B
Isopropylbenzene	ND	200	ug/kg	SW846 8260B
Methyl acetate	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B
Styrene	ND	40	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	40	ug/kg	SW846 8260B
Toluene	ND	80	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	200	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	40	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	40	ug/kg	SW846 8260B
Trichloroethene	ND	40	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	80	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
Toluene-d8	118	(60 - 143)
4-Bromofluorobenzene	107	(47 - 158)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-407 KJMXE1AD-LCSD
Prep Date.....: 03/13/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8074407
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	107	1.1	SW846 8260B
Benzene	**50**	**48**	**ug/kg**	**96**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.7**	**SW846 8260B**
Bromodichloromethane	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	100	0.010	SW846 8260B
Bromoform	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	104	0.22	SW846 8260B
Bromomethane	50	42	ug/kg	85		SW846 8260B
	50	42	ug/kg	85	0.070	SW846 8260B
2-Butanone	50	53	ug/kg	105		SW846 8260B
	50	49	ug/kg	98	7.6	SW846 8260B
Carbon disulfide	50	47	ug/kg	95		SW846 8260B
	50	47	ug/kg	95	0.020	SW846 8260B
Carbon tetrachloride	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	103	1.9	SW846 8260B
Chlorobenzene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**50**	**ug/kg**	**101**	**2.2**	**SW846 8260B**
Dibromochloromethane	50	51	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.0	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	98	6.4	SW846 8260B
Chloroethane	50	43	ug/kg	85		SW846 8260B
	50	41	ug/kg	81	4.4	SW846 8260B
Chloroform	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	100	1.9	SW846 8260B
Chloromethane	50	41	ug/kg	82		SW846 8260B
	50	41	ug/kg	82	0.24	SW846 8260B
Cyclohexane	50	43	ug/kg	86		SW846 8260B
	50	44	ug/kg	89	3.7	SW846 8260B
1,2-Dibromoethane	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	103	2.8	SW846 8260B
1,2-Dichlorobenzene	50	47	ug/kg	94		SW846 8260B
	50	48	ug/kg	95	1.6	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	97		SW846 8260B
	50	50	ug/kg	99	2.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-407 KJMXE1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	50	47	ug/kg	94		SW846 8260B
	50	47	ug/kg	95	0.57	SW846 8260B
Dichlorodifluoromethane	50	39	ug/kg	78		SW846 8260B
	50	40	ug/kg	79	1.6	SW846 8260B
1,1-Dichloroethane	50	49	ug/kg	98		SW846 8260B
	50	51	ug/kg	101	3.2	SW846 8260B
1,2-Dichloroethane	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	98	1.0	SW846 8260B
1,1-Dichloroethene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**2.4**	**SW846 8260B**
cis-1,2-Dichloroethene	50	49	ug/kg	98		SW846 8260B
	50	51	ug/kg	102	3.4	SW846 8260B
trans-1,2-Dichloroethene	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	100	1.2	SW846 8260B
1,2-Dichloropropane	50	47	ug/kg	95		SW846 8260B
	50	48	ug/kg	96	1.7	SW846 8260B
cis-1,3-Dichloropropene	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	101	2.0	SW846 8260B
trans-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	108	3.9	SW846 8260B
Ethylbenzene	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	102	1.9	SW846 8260B
Trichlorofluoromethane	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	101	2.6	SW846 8260B
2-Hexanone	50	57	ug/kg	113		SW846 8260B
	50	53	ug/kg	107	5.6	SW846 8260B
Isopropylbenzene	50	56	ug/kg	112		SW846 8260B
	50	57	ug/kg	114	1.9	SW846 8260B
Methyl acetate	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	93	2.8	SW846 8260B
Methylcyclohexane	50	47	ug/kg	94		SW846 8260B
	50	48	ug/kg	96	1.5	SW846 8260B
Methylene chloride	50	44	ug/kg	89		SW846 8260B
	50	45	ug/kg	90	1.5	SW846 8260B
4-Methyl-2-pentanone	50	53	ug/kg	107		SW846 8260B
	50	51	ug/kg	102	4.6	SW846 8260B
Styrene	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	105	2.4	SW846 8260B
1,1,2,2-Tetrachloroethane	50	48	ug/kg	95		SW846 8260B
	50	47	ug/kg	93	2.3	SW846 8260B
Tetrachloroethene	50	52	ug/kg	104		SW846 8260B
	50	53	ug/kg	106	2.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-407 KJMXE1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**50**	**49**	**ug/kg**	**98**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**3.1**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	50	ug/kg	99		SW846 8260B
	50	50	ug/kg	101	1.3	SW846 8260B
1,1,1-Trichloroethane	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	101	2.2	SW846 8260B
1,1,2-Trichloroethane	50	49	ug/kg	97		SW846 8260B
	50	48	ug/kg	96	0.92	SW846 8260B
Trichloroethene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**2.9**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	59	ug/kg	117		SW846 8260B
	50	58	ug/kg	116	0.85	SW846 8260B
1,2,4-Trimethylbenzene	50	50	ug/kg	99		SW846 8260B
	50	50	ug/kg	101	1.6	SW846 8260B
1,3,5-Trimethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	101	1.5	SW846 8260B
Vinyl chloride	50	43	ug/kg	85		SW846 8260B
	50	43	ug/kg	85	0.20	SW846 8260B
Xylenes (total)	150	150	ug/kg	101		SW846 8260B
	150	160	ug/kg	104	2.7	SW846 8260B
Methyl tert-butyl ether	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.81	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	77	(59 - 138)
	75	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
	81	(61 - 130)
Toluene-d8	78	(60 - 143)
	77	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)
	82	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-407 KJMXE1AD-LCSD
Prep Date.....: 03/13/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8074407
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	108	(58 - 130)			SW846 8260B
	107	(58 - 130)	1.1	(0-30)	SW846 8260B
Benzene	**96**	**(75 - 129)**			**SW846 8260B**
	98	**(75 - 129)**	**2.7**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	100	(72 - 125)			SW846 8260B
	100	(72 - 125)	0.010	(0-30)	SW846 8260B
Bromoform	104	(43 - 149)			SW846 8260B
	104	(43 - 149)	0.22	(0-30)	SW846 8260B
Bromomethane	85	(24 - 152)			SW846 8260B
	85	(24 - 152)	0.070	(0-30)	SW846 8260B
2-Butanone	105	(27 - 200)			SW846 8260B
	98	(27 - 200)	7.6	(0-46)	SW846 8260B
Carbon disulfide	95	(50 - 137)			SW846 8260B
	95	(50 - 137)	0.020	(0-30)	SW846 8260B
Carbon tetrachloride	101	(57 - 137)			SW846 8260B
	103	(57 - 137)	1.9	(0-30)	SW846 8260B
Chlorobenzene	**98**	**(75 - 127)**			**SW846 8260B**
	101	**(75 - 127)**	**2.2**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	103	(49 - 135)			SW846 8260B
	104	(49 - 135)	1.0	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	104	(50 - 150)			SW846 8260B
	98	(50 - 150)	6.4	(0-30)	SW846 8260B
Chloroethane	85	(31 - 144)			SW846 8260B
	81	(31 - 144)	4.4	(0-30)	SW846 8260B
Chloroform	98	(73 - 115)			SW846 8260B
	100	(73 - 115)	1.9	(0-30)	SW846 8260B
Chloromethane	82	(15 - 136)			SW846 8260B
	82	(15 - 136)	0.24	(0-30)	SW846 8260B
Cyclohexane	86	(50 - 150)			SW846 8260B
	89	(50 - 150)	3.7	(0-20)	SW846 8260B
1,2-Dibromoethane	100	(50 - 150)			SW846 8260B
	103	(50 - 150)	2.8	(0-30)	SW846 8260B
1,2-Dichlorobenzene	94	(50 - 150)			SW846 8260B
	95	(50 - 150)	1.6	(0-30)	SW846 8260B
1,3-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	99	(50 - 150)	2.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-407 KJMXE1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	94	(50 - 150)			SW846 8260B
	95	(50 - 150)	0.57	(0-20)	SW846 8260B
Dichlorodifluoromethane	78	(50 - 150)			SW846 8260B
	79	(50 - 150)	1.6	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(77 - 119)			SW846 8260B
	101	(77 - 119)	3.2	(0-30)	SW846 8260B
1,2-Dichloroethane	99	(78 - 121)			SW846 8260B
	98	(78 - 121)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**98**	**(55 - 142)**			**SW846 8260B**
	100	**(55 - 142)**	**2.4**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	98	(77 - 114)			SW846 8260B
	102	(77 - 114)	3.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	99	(68 - 117)			SW846 8260B
	100	(68 - 117)	1.2	(0-30)	SW846 8260B
1,2-Dichloropropane	95	(78 - 116)			SW846 8260B
	96	(78 - 116)	1.7	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	99	(71 - 125)			SW846 8260B
	101	(71 - 125)	2.0	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	104	(67 - 125)			SW846 8260B
	108	(67 - 125)	3.9	(0-30)	SW846 8260B
Ethylbenzene	101	(79 - 114)			SW846 8260B
	102	(79 - 114)	1.9	(0-30)	SW846 8260B
Trichlorofluoromethane	98	(50 - 150)			SW846 8260B
	101	(50 - 150)	2.6	(0-20)	SW846 8260B
2-Hexanone	113	(29 - 200)			SW846 8260B
	107	(29 - 200)	5.6	(0-41)	SW846 8260B
Isopropylbenzene	112	(50 - 150)			SW846 8260B
	114	(50 - 150)	1.9	(0-20)	SW846 8260B
Methyl acetate	96	(50 - 150)			SW846 8260B
	93	(50 - 150)	2.8	(0-20)	SW846 8260B
Methylcyclohexane	94	(50 - 150)			SW846 8260B
	96	(50 - 150)	1.5	(0-20)	SW846 8260B
Methylene chloride	89	(58 - 130)			SW846 8260B
	90	(58 - 130)	1.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone	107	(68 - 142)			SW846 8260B
	102	(68 - 142)	4.6	(0-60)	SW846 8260B
Styrene	102	(80 - 114)			SW846 8260B
	105	(80 - 114)	2.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	95	(70 - 133)			SW846 8260B
	93	(70 - 133)	2.3	(0-30)	SW846 8260B
Tetrachloroethene	104	(72 - 120)			SW846 8260B
	106	(72 - 120)	2.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJMXE1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-407 KJMXE1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**98**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**3.1**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	99	(50 - 150)			SW846 8260B
	101	(50 - 150)	1.3	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(67 - 123)			SW846 8260B
	101	(67 - 123)	2.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	97	(82 - 116)			SW846 8260B
	96	(82 - 116)	0.92	(0-30)	SW846 8260B
Trichloroethene	**100**	**(70 - 131)**			**SW846 8260B**
	102	**(70 - 131)**	**2.9**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	117	(50 - 150)			SW846 8260B
	116	(50 - 150)	0.85	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	99	(70 - 130)			SW846 8260B
	101	(70 - 130)	1.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	101	(70 - 130)	1.5	(0-30)	SW846 8260B
Vinyl chloride	85	(24 - 152)			SW846 8260B
	85	(24 - 152)	0.20	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	104	(80 - 114)	2.7	(0-30)	SW846 8260B
Methyl tert-butyl ether	106	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.81	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	77	(59 - 138)
	75	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
	81	(61 - 130)
Toluene-d8	78	(60 - 143)
	77	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)
	82	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-283 KJP441AD-LCSD
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	106	3.1	SW846 8260B
Benzene	**50**	**50**	**ug/kg**	**99**		**SW846 8260B**
	50	**50**	**ug/kg**	**101**	**1.9**	**SW846 8260B**
Bromodichloromethane	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	102	1.2	SW846 8260B
Bromoform	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	103	0.59	SW846 8260B
Bromomethane	50	46	ug/kg	92		SW846 8260B
	50	44	ug/kg	88	4.4	SW846 8260B
2-Butanone	50	48	ug/kg	96		SW846 8260B
	50	49	ug/kg	99	3.0	SW846 8260B
Carbon disulfide	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	101	0.78	SW846 8260B
Carbon tetrachloride	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	105	0.82	SW846 8260B
Chlorobenzene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**0.42**	**SW846 8260B**
Dibromochloromethane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	105	0.70	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	48	ug/kg	95		SW846 8260B
	50	50	ug/kg	100	4.3	SW846 8260B
Chloroethane	50	45	ug/kg	90		SW846 8260B
	50	43	ug/kg	86	4.8	SW846 8260B
Chloroform	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	102	0.82	SW846 8260B
Chloromethane	50	45	ug/kg	89		SW846 8260B
	50	44	ug/kg	89	0.57	SW846 8260B
Cyclohexane	50	45	ug/kg	91		SW846 8260B
	50	46	ug/kg	92	1.4	SW846 8260B
1,2-Dibromoethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.44	SW846 8260B
1,2-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	49	ug/kg	98	2.0	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	99		SW846 8260B
	50	49	ug/kg	99	0.19	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-283 KJP441AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	50	47	ug/kg	95		SW846 8260B
	50	48	ug/kg	97	2.0	SW846 8260B
Dichlorodifluoromethane	50	42	ug/kg	84		SW846 8260B
	50	42	ug/kg	83	0.49	SW846 8260B
1,1-Dichloroethane	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	103	1.7	SW846 8260B
1,2-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	100	0.61	SW846 8260B
1,1-Dichloroethene	**50**	**51**	**ug/kg**	**102**		**SW846 8260B**
	50	**52**	**ug/kg**	**105**	**2.1**	**SW846 8260B**
cis-1,2-Dichloroethene	50	51	ug/kg	101		SW846 8260B
	50	53	ug/kg	105	3.8	SW846 8260B
trans-1,2-Dichloroethene	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	103	0.53	SW846 8260B
1,2-Dichloropropane	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	99	0.26	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	104	1.9	SW846 8260B
trans-1,3-Dichloropropene	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	1.5	SW846 8260B
Ethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	105	0.62	SW846 8260B
Trichlorofluoromethane	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	105	2.2	SW846 8260B
2-Hexanone	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	107	3.3	SW846 8260B
Isopropylbenzene	50	58	ug/kg	116		SW846 8260B
	50	59	ug/kg	117	1.2	SW846 8260B
Methyl acetate	50	47	ug/kg	94		SW846 8260B
	50	48	ug/kg	96	1.9	SW846 8260B
Methylcyclohexane	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	100	0.39	SW846 8260B
Methylene chloride	50	47	ug/kg	94		SW846 8260B
	50	48	ug/kg	96	2.4	SW846 8260B
4-Methyl-2-pentanone	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.65	SW846 8260B
Styrene	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.57	SW846 8260B
1,1,2,2-Tetrachloroethane	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	94	2.2	SW846 8260B
Tetrachloroethene	50	52	ug/kg	104		SW846 8260B
	50	53	ug/kg	106	1.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-283 KJP441AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**51**	**ug/kg**	**101**	**0.66**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	48	ug/kg	97		SW846 8260B
	50	50	ug/kg	101	4.0	SW846 8260B
1,1,1-Trichloroethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.40	SW846 8260B
1,1,2-Trichloroethane	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	96	1.8	SW846 8260B
Trichloroethene	**50**	**52**	**ug/kg**	**103**		**SW846 8260B**
	50	**52**	**ug/kg**	**103**	**0.23**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	63	ug/kg	125		SW846 8260B
	50	60	ug/kg	121	3.6	SW846 8260B
1,2,4-Trimethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	103	1.1	SW846 8260B
1,3,5-Trimethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	103	0.90	SW846 8260B
Vinyl chloride	50	47	ug/kg	94		SW846 8260B
	50	45	ug/kg	91	3.2	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	160	ug/kg	104	0.13	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	1.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
	75	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
	78	(61 - 130)
Toluene-d8	77	(60 - 143)
	76	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)
	85	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-283 KJP441AD-LCSD
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	109	(58 - 130)			SW846 8260B
	106	(58 - 130)	3.1	(0-30)	SW846 8260B
Benzene	**99**	**(75 - 129)**			**SW846 8260B**
	101	**(75 - 129)**	**1.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	101	(72 - 125)			SW846 8260B
	102	(72 - 125)	1.2	(0-30)	SW846 8260B
Bromoform	102	(43 - 149)			SW846 8260B
	103	(43 - 149)	0.59	(0-30)	SW846 8260B
Bromomethane	92	(24 - 152)			SW846 8260B
	88	(24 - 152)	4.4	(0-30)	SW846 8260B
2-Butanone	96	(27 - 200)			SW846 8260B
	99	(27 - 200)	3.0	(0-46)	SW846 8260B
Carbon disulfide	101	(50 - 137)			SW846 8260B
	101	(50 - 137)	0.78	(0-30)	SW846 8260B
Carbon tetrachloride	104	(57 - 137)			SW846 8260B
	105	(57 - 137)	0.82	(0-30)	SW846 8260B
Chlorobenzene	**102**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**0.42**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	104	(49 - 135)			SW846 8260B
	105	(49 - 135)	0.70	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	95	(50 - 150)			SW846 8260B
	100	(50 - 150)	4.3	(0-30)	SW846 8260B
Chloroethane	90	(31 - 144)			SW846 8260B
	86	(31 - 144)	4.8	(0-30)	SW846 8260B
Chloroform	101	(73 - 115)			SW846 8260B
	102	(73 - 115)	0.82	(0-30)	SW846 8260B
Chloromethane	89	(15 - 136)			SW846 8260B
	89	(15 - 136)	0.57	(0-30)	SW846 8260B
Cyclohexane	91	(50 - 150)			SW846 8260B
	92	(50 - 150)	1.4	(0-20)	SW846 8260B
1,2-Dibromoethane	103	(50 - 150)			SW846 8260B
	103	(50 - 150)	0.44	(0-30)	SW846 8260B
1,2-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	98	(50 - 150)	2.0	(0-30)	SW846 8260B
1,3-Dichlorobenzene	99	(50 - 150)			SW846 8260B
	99	(50 - 150)	0.19	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-283 KJP441AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	97	(50 - 150)	2.0	(0-20)	SW846 8260B
Dichlorodifluoromethane	84	(50 - 150)			SW846 8260B
	83	(50 - 150)	0.49	(0-20)	SW846 8260B
1,1-Dichloroethane	102	(77 - 119)			SW846 8260B
	103	(77 - 119)	1.7	(0-30)	SW846 8260B
1,2-Dichloroethane	100	(78 - 121)			SW846 8260B
	100	(78 - 121)	0.61	(0-30)	SW846 8260B
1,1-Dichloroethene	**102**	**(55 - 142)**			**SW846 8260B**
	105	**(55 - 142)**	**2.1**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	101	(77 - 114)			SW846 8260B
	105	(77 - 114)	3.8	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(68 - 117)			SW846 8260B
	103	(68 - 117)	0.53	(0-30)	SW846 8260B
1,2-Dichloropropane	100	(78 - 116)			SW846 8260B
	99	(78 - 116)	0.26	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	102	(71 - 125)			SW846 8260B
	104	(71 - 125)	1.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	107	(67 - 125)			SW846 8260B
	108	(67 - 125)	1.5	(0-30)	SW846 8260B
Ethylbenzene	104	(79 - 114)			SW846 8260B
	105	(79 - 114)	0.62	(0-30)	SW846 8260B
Trichlorofluoromethane	107	(50 - 150)			SW846 8260B
	105	(50 - 150)	2.2	(0-20)	SW846 8260B
2-Hexanone	104	(29 - 200)			SW846 8260B
	107	(29 - 200)	3.3	(0-41)	SW846 8260B
Isopropylbenzene	116	(50 - 150)			SW846 8260B
	117	(50 - 150)	1.2	(0-20)	SW846 8260B
Methyl acetate	94	(50 - 150)			SW846 8260B
	96	(50 - 150)	1.9	(0-20)	SW846 8260B
Methylcyclohexane	100	(50 - 150)			SW846 8260B
	100	(50 - 150)	0.39	(0-20)	SW846 8260B
Methylene chloride	94	(58 - 130)			SW846 8260B
	96	(58 - 130)	2.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	103	(68 - 142)			SW846 8260B
	103	(68 - 142)	0.65	(0-60)	SW846 8260B
Styrene	106	(80 - 114)			SW846 8260B
	106	(80 - 114)	0.57	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	96	(70 - 133)			SW846 8260B
	94	(70 - 133)	2.2	(0-30)	SW846 8260B
Tetrachloroethene	104	(72 - 120)			SW846 8260B
	106	(72 - 120)	1.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJP441AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-283 KJP441AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**0.66**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	97	(50 - 150)			SW846 8260B
	101	(50 - 150)	4.0	(0-20)	SW846 8260B
1,1,1-Trichloroethane	103	(67 - 123)			SW846 8260B
	102	(67 - 123)	0.40	(0-30)	SW846 8260B
1,1,2-Trichloroethane	98	(82 - 116)			SW846 8260B
	96	(82 - 116)	1.8	(0-30)	SW846 8260B
Trichloroethene	**103**	**(70 - 131)**			**SW846 8260B**
	103	**(70 - 131)**	**0.23**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	125	(50 - 150)			SW846 8260B
	121	(50 - 150)	3.6	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	102	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	102	(70 - 130)			SW846 8260B
	103	(70 - 130)	0.90	(0-30)	SW846 8260B
Vinyl chloride	94	(24 - 152)			SW846 8260B
	91	(24 - 152)	3.2	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	104	(80 - 114)	0.13	(0-30)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	110	(70 - 130)	1.9	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	74	(59 - 138)
	75	(59 - 138)
1,2-Dichloroethane-d4	77	(61 - 130)
	78	(61 - 130)
Toluene-d8	77	(60 - 143)
	76	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)
	85	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-439 KJQKG1AD-LCSD
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	49	ug/kg	98		SW846 8260B
	50	54	ug/kg	107	9.0	SW846 8260B
Benzene	**50**	**48**	**ug/kg**	**97**		**SW846 8260B**
	50	**48**	**ug/kg**	**96**	**0.55**	**SW846 8260B**
Bromodichloromethane	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	97	1.7	SW846 8260B
Bromoform	50	48	ug/kg	97		SW846 8260B
	50	50	ug/kg	101	3.6	SW846 8260B
Bromomethane	50	44	ug/kg	88		SW846 8260B
	50	49	ug/kg	97	10	SW846 8260B
2-Butanone	50	46	ug/kg	92		SW846 8260B
	50	49	ug/kg	97	6.0	SW846 8260B
Carbon disulfide	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.50	SW846 8260B
Carbon tetrachloride	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.7	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**99**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.0**	**SW846 8260B**
Dibromochloromethane	50	49	ug/kg	97		SW846 8260B
	50	50	ug/kg	99	1.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	46	ug/kg	92		SW846 8260B
	50	48	ug/kg	96	5.0	SW846 8260B
Chloroethane	50	44	ug/kg	88		SW846 8260B
	50	48	ug/kg	95	8.2	SW846 8260B
Chloroform	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	98	0.35	SW846 8260B
Chloromethane	50	43	ug/kg	86		SW846 8260B
	50	45	ug/kg	90	4.7	SW846 8260B
Cyclohexane	50	46	ug/kg	92		SW846 8260B
	50	45	ug/kg	89	3.4	SW846 8260B
1,2-Dibromoethane	50	49	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	1.3	SW846 8260B
1,2-Dichlorobenzene	50	47	ug/kg	94		SW846 8260B
	50	45	ug/kg	90	3.6	SW846 8260B
1,3-Dichlorobenzene	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	94	2.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-439 KJQKG1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	50	47	ug/kg	95		SW846 8260B
	50	46	ug/kg	92	3.1	SW846 8260B
Dichlorodifluoromethane	50	43	ug/kg	86		SW846 8260B
	50	42	ug/kg	83	3.1	SW846 8260B
1,1-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.6	SW846 8260B
1,2-Dichloroethane	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	97	1.2	SW846 8260B
1,1-Dichloroethene	**50**	**55**	**ug/kg**	**109**		**SW846 8260B**
	50	**53**	**ug/kg**	**106**	**3.2**	**SW846 8260B**
cis-1,2-Dichloroethene	50	50	ug/kg	101		SW846 8260B
	50	50	ug/kg	101	0.080	SW846 8260B
trans-1,2-Dichloroethene	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	100	1.8	SW846 8260B
1,2-Dichloropropane	50	48	ug/kg	95		SW846 8260B
	50	47	ug/kg	93	2.1	SW846 8260B
cis-1,3-Dichloropropene	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	1.9	SW846 8260B
trans-1,3-Dichloropropene	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	101	0.33	SW846 8260B
Ethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	98	3.3	SW846 8260B
Trichlorofluoromethane	50	51	ug/kg	103		SW846 8260B
	50	53	ug/kg	105	2.5	SW846 8260B
2-Hexanone	50	49	ug/kg	98		SW846 8260B
	50	54	ug/kg	107	9.0	SW846 8260B
Isopropylbenzene	50	58	ug/kg	116		SW846 8260B
	50	57	ug/kg	114	2.2	SW846 8260B
Methyl acetate	50	45	ug/kg	90		SW846 8260B
	50	47	ug/kg	94	3.8	SW846 8260B
Methylcyclohexane	50	50	ug/kg	100		SW846 8260B
	50	48	ug/kg	97	3.2	SW846 8260B
Methylene chloride	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	100	0.34	SW846 8260B
4-Methyl-2-pentanone	50	50	ug/kg	100		SW846 8260B
	50	52	ug/kg	103	3.4	SW846 8260B
Styrene	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	103	2.1	SW846 8260B
1,1,2,2-Tetrachloroethane	50	45	ug/kg	91		SW846 8260B
	50	44	ug/kg	88	2.6	SW846 8260B
Tetrachloroethene	50	51	ug/kg	103		SW846 8260B
	50	50	ug/kg	100	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-439 KJQKG1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**50**	**48**	**ug/kg**	**96**		**SW846 8260B**
	50	**47**	**ug/kg**	**94**	**1.8**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	48	ug/kg	95		SW846 8260B
	50	48	ug/kg	96	0.46	SW846 8260B
1,1,1-Trichloroethane	50	51	ug/kg	103		SW846 8260B
	50	50	ug/kg	101	1.8	SW846 8260B
1,1,2-Trichloroethane	50	46	ug/kg	93		SW846 8260B
	50	46	ug/kg	92	1.1	SW846 8260B
Trichloroethene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**1.7**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	65	ug/kg	130		SW846 8260B
	50	63	ug/kg	125	3.4	SW846 8260B
1,2,4-Trimethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	94	6.3	SW846 8260B
1,3,5-Trimethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	95	5.2	SW846 8260B
Vinyl chloride	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	96	2.1	SW846 8260B
Xylenes (total)	150	150	ug/kg	102		SW846 8260B
	150	150	ug/kg	101	0.63	SW846 8260B
Methyl tert-butyl ether	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	0.47	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
	73	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
	77	(61 - 130)
Toluene-d8	78	(60 - 143)
	76	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	90	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-439 KJQKG1AD-LCSD
Prep Date.....: 03/15/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8077439
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	98	(58 - 130)			SW846 8260B
	107	(58 - 130)	9.0	(0-30)	SW846 8260B
Benzene	**97**	**(75 - 129)**			**SW846 8260B**
	96	**(75 - 129)**	**0.55**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	99	(72 - 125)			SW846 8260B
	97	(72 - 125)	1.7	(0-30)	SW846 8260B
Bromoform	97	(43 - 149)			SW846 8260B
	101	(43 - 149)	3.6	(0-30)	SW846 8260B
Bromomethane	88	(24 - 152)			SW846 8260B
	97	(24 - 152)	10	(0-30)	SW846 8260B
2-Butanone	92	(27 - 200)			SW846 8260B
	97	(27 - 200)	6.0	(0-46)	SW846 8260B
Carbon disulfide	108	(50 - 137)			SW846 8260B
	108	(50 - 137)	0.50	(0-30)	SW846 8260B
Carbon tetrachloride	104	(57 - 137)			SW846 8260B
	103	(57 - 137)	1.7	(0-30)	SW846 8260B
Chlorobenzene	**99**	**(75 - 127)**			**SW846 8260B**
	98	**(75 - 127)**	**2.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	97	(49 - 135)			SW846 8260B
	99	(49 - 135)	1.6	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	92	(50 - 150)			SW846 8260B
	96	(50 - 150)	5.0	(0-30)	SW846 8260B
Chloroethane	88	(31 - 144)			SW846 8260B
	95	(31 - 144)	8.2	(0-30)	SW846 8260B
Chloroform	98	(73 - 115)			SW846 8260B
	98	(73 - 115)	0.35	(0-30)	SW846 8260B
Chloromethane	86	(15 - 136)			SW846 8260B
	90	(15 - 136)	4.7	(0-30)	SW846 8260B
Cyclohexane	92	(50 - 150)			SW846 8260B
	89	(50 - 150)	3.4	(0-20)	SW846 8260B
1,2-Dibromoethane	97	(50 - 150)			SW846 8260B
	98	(50 - 150)	1.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	94	(50 - 150)			SW846 8260B
	90	(50 - 150)	3.6	(0-30)	SW846 8260B
1,3-Dichlorobenzene	96	(50 - 150)			SW846 8260B
	94	(50 - 150)	2.2	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-439 KJQKG1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	92	(50 - 150)	3.1	(0-20)	SW846 8260B
Dichlorodifluoromethane	86	(50 - 150)			SW846 8260B
	83	(50 - 150)	3.1	(0-20)	SW846 8260B
1,1-Dichloroethane	100	(77 - 119)			SW846 8260B
	98	(77 - 119)	1.6	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(78 - 121)			SW846 8260B
	97	(78 - 121)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**109**	**(55 - 142)**			**SW846 8260B**
	106	**(55 - 142)**	**3.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	101	(77 - 114)			SW846 8260B
	101	(77 - 114)	0.080	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	101	(68 - 117)			SW846 8260B
	100	(68 - 117)	1.8	(0-30)	SW846 8260B
1,2-Dichloropropane	95	(78 - 116)			SW846 8260B
	93	(78 - 116)	2.1	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	100	(71 - 125)			SW846 8260B
	98	(71 - 125)	1.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	100	(67 - 125)			SW846 8260B
	101	(67 - 125)	0.33	(0-30)	SW846 8260B
Ethylbenzene	102	(79 - 114)			SW846 8260B
	98	(79 - 114)	3.3	(0-30)	SW846 8260B
Trichlorofluoromethane	103	(50 - 150)			SW846 8260B
	105	(50 - 150)	2.5	(0-20)	SW846 8260B
2-Hexanone	98	(29 - 200)			SW846 8260B
	107	(29 - 200)	9.0	(0-41)	SW846 8260B
Isopropylbenzene	116	(50 - 150)			SW846 8260B
	114	(50 - 150)	2.2	(0-20)	SW846 8260B
Methyl acetate	90	(50 - 150)			SW846 8260B
	94	(50 - 150)	3.8	(0-20)	SW846 8260B
Methylcyclohexane	100	(50 - 150)			SW846 8260B
	97	(50 - 150)	3.2	(0-20)	SW846 8260B
Methylene chloride	100	(58 - 130)			SW846 8260B
	100	(58 - 130)	0.34	(0-30)	SW846 8260B
4-Methyl-2-pentanone	100	(68 - 142)			SW846 8260B
	103	(68 - 142)	3.4	(0-60)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	103	(80 - 114)	2.1	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	91	(70 - 133)			SW846 8260B
	88	(70 - 133)	2.6	(0-30)	SW846 8260B
Tetrachloroethene	103	(72 - 120)			SW846 8260B
	100	(72 - 120)	2.4	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQKG1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-439 KJQKG1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**96**	**(71 - 130)**			**SW846 8260B**
	94	**(71 - 130)**	**1.8**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	95	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.46	(0-20)	SW846 8260B
1,1,1-Trichloroethane	103	(67 - 123)			SW846 8260B
	101	(67 - 123)	1.8	(0-30)	SW846 8260B
1,1,2-Trichloroethane	93	(82 - 116)			SW846 8260B
	92	(82 - 116)	1.1	(0-30)	SW846 8260B
Trichloroethene	**100**	**(70 - 131)**			**SW846 8260B**
	102	**(70 - 131)**	**1.7**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	130	(50 - 150)			SW846 8260B
	125	(70 - 130)	3.4	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	94	(70 - 130)	6.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	95	(70 - 130)	5.2	(0-30)	SW846 8260B
Vinyl chloride	98	(24 - 152)			SW846 8260B
	96	(24 - 152)	2.1	(0-30)	SW846 8260B
Xylenes (total)	102	(80 - 114)			SW846 8260B
	101	(80 - 114)	0.63	(0-30)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.47	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	73	(59 - 138)
	73	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
	77	(61 - 130)
Toluene-d8	78	(60 - 143)
	76	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	90	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8C180000-055 KJQR21AD-LCSD
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078055
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.7	ug/L	97	5.7	SW846 8260B
1,3,5-Trimethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.7	ug/L	97	5.2	SW846 8260B
Acetone	10	8.6	ug/L	86		SW846 8260B
	10	10	ug/L	103	18	SW846 8260B
Benzene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**5.7**	**SW846 8260B**
Bromodichloromethane	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	106	6.5	SW846 8260B
Bromoform	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	106	6.0	SW846 8260B
Bromomethane	10	11	ug/L	111		SW846 8260B
	10	11	ug/L	114	2.6	SW846 8260B
2-Butanone	10	8.2	ug/L	82		SW846 8260B
	10	8.7	ug/L	87	5.6	SW846 8260B
Carbon disulfide	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	107	6.4	SW846 8260B
Carbon tetrachloride	10	11	ug/L	111		SW846 8260B
	10	12	ug/L	119	6.9	SW846 8260B
Chlorobenzene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**6.2**	**SW846 8260B**
Chloroethane	10	9.6	ug/L	96		SW846 8260B
	10	10	ug/L	102	6.3	SW846 8260B
Chloroform	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	107	6.7	SW846 8260B
Chloromethane	10	7.4	ug/L	74		SW846 8260B
	10	8.1	ug/L	81	8.4	SW846 8260B
Cyclohexane	10	7.7	ug/L	77		SW846 8260B
	10	8.3	ug/L	83	7.9	SW846 8260B
Dibromochloromethane	10	9.7	ug/L	97		SW846 8260B
	10	11	ug/L	105	7.8	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.3	ug/L	83		SW846 8260B
	10	9.0	ug/L	90	7.7	SW846 8260B
1,2-Dibromoethane	10	9.3	ug/L	93		SW846 8260B
	10	10	ug/L	100	7.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8C180000-055 KJQR21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	9.8	ug/L	98		SW846 8260B
	10	11	ug/L	105	6.8	SW846 8260B
1,3-Dichlorobenzene	10	10	ug/L	101		SW846 8260B
	10	11	ug/L	107	5.5	SW846 8260B
1,4-Dichlorobenzene	10	9.9	ug/L	99		SW846 8260B
	10	11	ug/L	107	7.3	SW846 8260B
Dichlorodifluoromethane	10	8.3	ug/L	83		SW846 8260B
	10	9.3	ug/L	93	12	SW846 8260B
1,1-Dichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	103	8.5	SW846 8260B
1,2-Dichloroethane	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	106	5.1	SW846 8260B
1,1-Dichloroethene	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	10	**10**	**ug/L**	**104**	**6.8**	**SW846 8260B**
cis-1,2-Dichloroethene	10	10	ug/L	104		SW846 8260B
	10	11	ug/L	112	7.9	SW846 8260B
trans-1,2-Dichloroethene	10	9.9	ug/L	99		SW846 8260B
	10	11	ug/L	108	8.4	SW846 8260B
1,2-Dichloropropane	10	9.1	ug/L	91		SW846 8260B
	10	9.8	ug/L	98	7.5	SW846 8260B
cis-1,3-Dichloropropene	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	101	7.0	SW846 8260B
trans-1,3-Dichloropropene	10	8.8	ug/L	88		SW846 8260B
	10	9.6	ug/L	96	9.0	SW846 8260B
Ethylbenzene	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	107	6.1	SW846 8260B
2-Hexanone	10	7.0	ug/L	70		SW846 8260B
	10	7.6	ug/L	76	8.1	SW846 8260B
Isopropylbenzene	10	11	ug/L	112		SW846 8260B
	10	12	ug/L	119	6.7	SW846 8260B
Methyl acetate	10	7.9	ug/L	79		SW846 8260B
	10	8.6	ug/L	86	8.3	SW846 8260B
Methylene chloride	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	102	5.5	SW846 8260B
Methylcyclohexane	10	8.3	ug/L	83		SW846 8260B
	10	9.0	ug/L	90	7.6	SW846 8260B
4-Methyl-2-pentanone	10	7.9	ug/L	79		SW846 8260B
	10	8.4	ug/L	84	6.7	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	101	6.9	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8C180000-055 KJQR21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	9.6	ug/L	96		SW846 8260B
	10	10	ug/L	103	6.9	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.1 a	ug/L	81		SW846 8260B
	10	8.5	ug/L	85	4.1	SW846 8260B
Tetrachloroethene	10	11	ug/L	111		SW846 8260B
	10	12 a	ug/L	118	6.5	SW846 8260B
Toluene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**10**	**ug/L**	**102**	**7.3**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	9.9	ug/L	99		SW846 8260B
	10	11	ug/L	105	6.5	SW846 8260B
1,1,1-Trichloroethane	10	11	ug/L	109		SW846 8260B
	10	12	ug/L	118	8.0	SW846 8260B
1,1,2-Trichloroethane	10	9.0	ug/L	90		SW846 8260B
	10	9.6	ug/L	96	7.2	SW846 8260B
Trichloroethene	**10**	**11**	**ug/L**	**107**		**SW846 8260B**
	10	**12**	**ug/L**	**116**	**8.7**	**SW846 8260B**
Trichlorofluoromethane	10	14 a	ug/L	137		SW846 8260B
	10	15 a	ug/L	147	7.2	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	13	ug/L	125		SW846 8260B
	10	14 a	ug/L	138	9.5	SW846 8260B
Vinyl chloride	10	8.0	ug/L	80		SW846 8260B
	10	8.7	ug/L	87	8.4	SW846 8260B
Xylenes (total)	30	30	ug/L	99		SW846 8260B
	30	32	ug/L	106	7.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 122)
	107	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	96	(61 - 128)
Toluene-d8	98	(76 - 110)
	99	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)
	96	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8C180000-055 KJQR21AD-LCSD
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078055
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	92	(70 - 130)			SW846 8260B
	97	(70 - 130)	5.7	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	92	(70 - 130)			SW846 8260B
	97	(70 - 130)	5.2	(0-30)	SW846 8260B
Acetone	86	(22 - 200)			SW846 8260B
	103	(22 - 200)	18	(0-95)	SW846 8260B
Benzene	**94**	**(80 - 116)**			**SW846 8260B**
	99	**(80 - 116)**	**5.7**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	100	(87 - 130)			SW846 8260B
	106	(87 - 130)	6.5	(0-30)	SW846 8260B
Bromoform	100	(76 - 150)			SW846 8260B
	106	(76 - 150)	6.0	(0-30)	SW846 8260B
Bromomethane	111	(64 - 129)			SW846 8260B
	114	(64 - 129)	2.6	(0-30)	SW846 8260B
2-Butanone	82	(28 - 237)			SW846 8260B
	87	(28 - 237)	5.6	(0-65)	SW846 8260B
Carbon disulfide	100	(73 - 139)			SW846 8260B
	107	(73 - 139)	6.4	(0-30)	SW846 8260B
Carbon tetrachloride	111	(75 - 149)			SW846 8260B
	119	(75 - 149)	6.9	(0-30)	SW846 8260B
Chlorobenzene	**101**	**(76 - 117)**			**SW846 8260B**
	107	**(76 - 117)**	**6.2**	**(0-20)**	**SW846 8260B**
Chloroethane	96	(66 - 126)			SW846 8260B
	102	(66 - 126)	6.3	(0-30)	SW846 8260B
Chloroform	100	(84 - 128)			SW846 8260B
	107	(84 - 128)	6.7	(0-30)	SW846 8260B
Chloromethane	74	(48 - 123)			SW846 8260B
	81	(48 - 123)	8.4	(0-30)	SW846 8260B
Cyclohexane	77	(70 - 130)			SW846 8260B
	83	(70 - 130)	7.9	(0-30)	SW846 8260B
Dibromochloromethane	97	(81 - 138)			SW846 8260B
	105	(81 - 138)	7.8	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	83	(70 - 130)			SW846 8260B
	90	(70 - 130)	7.7	(0-30)	SW846 8260B
1,2-Dibromoethane	93	(70 - 130)			SW846 8260B
	100	(70 - 130)	7.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8C180000-055 KJQR21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	98	(70 - 130)			SW846 8260B
	105	(70 - 130)	6.8	(0-30)	SW846 8260B
1,3-Dichlorobenzene	101	(70 - 130)			SW846 8260B
	107	(70 - 130)	5.5	(0-30)	SW846 8260B
1,4-Dichlorobenzene	99	(70 - 130)			SW846 8260B
	107	(70 - 130)	7.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	83	(70 - 130)			SW846 8260B
	93	(70 - 130)	12	(0-30)	SW846 8260B
1,1-Dichloroethane	94	(86 - 123)			SW846 8260B
	103	(86 - 123)	8.5	(0-30)	SW846 8260B
1,2-Dichloroethane	100	(79 - 136)			SW846 8260B
	106	(79 - 136)	5.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**97**	**(63 - 130)**			**SW846 8260B**
	104	**(63 - 130)**	**6.8**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	104	(85 - 113)			SW846 8260B
	112	(85 - 113)	7.9	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	99	(80 - 120)			SW846 8260B
	108	(80 - 120)	8.4	(0-30)	SW846 8260B
1,2-Dichloropropane	91	(82 - 115)			SW846 8260B
	98	(82 - 115)	7.5	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	94	(84 - 130)			SW846 8260B
	101	(84 - 130)	7.0	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	88	(84 - 130)			SW846 8260B
	96	(84 - 130)	9.0	(0-30)	SW846 8260B
Ethylbenzene	100	(86 - 116)			SW846 8260B
	107	(86 - 116)	6.1	(0-30)	SW846 8260B
2-Hexanone	70	(35 - 200)			SW846 8260B
	76	(35 - 200)	8.1	(0-52)	SW846 8260B
Isopropylbenzene	112	(70 - 130)			SW846 8260B
	119	(70 - 130)	6.7	(0-30)	SW846 8260B
Methyl acetate	79	(70 - 130)			SW846 8260B
	86	(70 - 130)	8.3	(0-30)	SW846 8260B
Methylene chloride	97	(78 - 118)			SW846 8260B
	102	(78 - 118)	5.5	(0-30)	SW846 8260B
Methylcyclohexane	83	(70 - 130)			SW846 8260B
	90	(70 - 130)	7.6	(0-30)	SW846 8260B
4-Methyl-2-pentanone	79	(78 - 141)			SW846 8260B
	84	(78 - 141)	6.7	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	94	(70 - 130)			SW846 8260B
	101	(70 - 130)	6.9	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQR21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8C180000-055 KJQR21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	96	(85 - 117)			SW846 8260B
	103	(85 - 117)	6.9	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	81 a	(85 - 118)			SW846 8260B
	85	(85 - 118)	4.1	(0-30)	SW846 8260B
Tetrachloroethene	111	(88 - 113)			SW846 8260B
	118 a	(88 - 113)	6.5	(0-30)	SW846 8260B
Toluene	**95**	**(74 - 119)**			**SW846 8260B**
	102	**(74 - 119)**	**7.3**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	99	(70 - 130)			SW846 8260B
	105	(70 - 130)	6.5	(0-30)	SW846 8260B
1,1,1-Trichloroethane	109	(78 - 140)			SW846 8260B
	118	(78 - 140)	8.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	90	(83 - 122)			SW846 8260B
	96	(83 - 122)	7.2	(0-30)	SW846 8260B
Trichloroethene	**107**	**(75 - 122)**			**SW846 8260B**
	116	**(75 - 122)**	**8.7**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	137 a	(70 - 130)			SW846 8260B
	147 a	(70 - 130)	7.2	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	125	(70 - 130)			SW846 8260B
	138 a	(70 - 130)	9.5	(0-30)	SW846 8260B
Vinyl chloride	80	(61 - 120)			SW846 8260B
	87	(61 - 120)	8.4	(0-30)	SW846 8260B
Xylenes (total)	99	(87 - 116)			SW846 8260B
	106	(87 - 116)	7.1	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 122)
	107	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	96	(61 - 128)
Toluene-d8	98	(76 - 110)
	99	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)
	96	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-216 KJRFJ1AD-LCSD
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	55	ug/kg	109		SW846 8260B
	50	50	ug/kg	101	7.9	SW846 8260B
Benzene	**50**	**50**	**ug/kg**	**100**		**SW846 8260B**
	50	**52**	**ug/kg**	**103**	**2.8**	**SW846 8260B**
Bromodichloromethane	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	104	2.2	SW846 8260B
Bromoform	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	103	5.0	SW846 8260B
Bromomethane	50	50	ug/kg	101		SW846 8260B
	50	52	ug/kg	105	3.8	SW846 8260B
2-Butanone	50	49	ug/kg	99		SW846 8260B
	50	44	ug/kg	88	11	SW846 8260B
Carbon disulfide	50	58	ug/kg	115		SW846 8260B
	50	59	ug/kg	119	2.8	SW846 8260B
Carbon tetrachloride	50	54	ug/kg	107		SW846 8260B
	50	56	ug/kg	112	4.0	SW846 8260B
Chlorobenzene	**50**	**51**	**ug/kg**	**101**		**SW846 8260B**
	50	**52**	**ug/kg**	**104**	**3.0**	**SW846 8260B**
Dibromochloromethane	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	102	1.5	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	52	ug/kg	104		SW846 8260B
	50	45	ug/kg	90	15	SW846 8260B
Chloroethane	50	50	ug/kg	99		SW846 8260B
	50	51	ug/kg	102	2.8	SW846 8260B
Chloroform	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	105	1.9	SW846 8260B
Chloromethane	50	47	ug/kg	94		SW846 8260B
	50	50	ug/kg	100	6.5	SW846 8260B
Cyclohexane	50	47	ug/kg	94		SW846 8260B
	50	49	ug/kg	98	3.5	SW846 8260B
1,2-Dibromoethane	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	98	2.8	SW846 8260B
1,2-Dichlorobenzene	50	47	ug/kg	94		SW846 8260B
	50	48	ug/kg	96	1.9	SW846 8260B
1,3-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	99	1.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-216 KJRFJ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	50	47	ug/kg	95		SW846 8260B
	50	48	ug/kg	97	2.4	SW846 8260B
Dichlorodifluoromethane	50	45	ug/kg	89		SW846 8260B
	50	45	ug/kg	90	0.62	SW846 8260B
1,1-Dichloroethane	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	106	2.5	SW846 8260B
1,2-Dichloroethane	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	101	0.87	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**114**		**SW846 8260B**
	50	**59**	**ug/kg**	**118**	**3.6**	**SW846 8260B**
cis-1,2-Dichloroethene	50	52	ug/kg	105		SW846 8260B
	50	53	ug/kg	106	1.0	SW846 8260B
trans-1,2-Dichloroethene	50	53	ug/kg	105		SW846 8260B
	50	54	ug/kg	109	3.2	SW846 8260B
1,2-Dichloropropane	50	49	ug/kg	97		SW846 8260B
	50	50	ug/kg	100	3.1	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	103		SW846 8260B
	50	52	ug/kg	103	0.70	SW846 8260B
trans-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.31	SW846 8260B
Ethylbenzene	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	105	3.3	SW846 8260B
Trichlorofluoromethane	50	55	ug/kg	109		SW846 8260B
	50	57	ug/kg	113	3.4	SW846 8260B
2-Hexanone	50	54	ug/kg	108		SW846 8260B
	50	47	ug/kg	94	13	SW846 8260B
Isopropylbenzene	50	60	ug/kg	120		SW846 8260B
	50	62	ug/kg	125	4.0	SW846 8260B
Methyl acetate	50	48	ug/kg	96		SW846 8260B
	50	45	ug/kg	89	7.1	SW846 8260B
Methylcyclohexane	50	50	ug/kg	100		SW846 8260B
	50	52	ug/kg	105	4.4	SW846 8260B
Methylene chloride	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	104	2.1	SW846 8260B
4-Methyl-2-pentanone	50	52	ug/kg	103		SW846 8260B
	50	47	ug/kg	94	8.7	SW846 8260B
Styrene	50	53	ug/kg	106		SW846 8260B
	50	55	ug/kg	110	3.2	SW846 8260B
1,1,2,2-Tetrachloroethane	50	48	ug/kg	95		SW846 8260B
	50	44	ug/kg	88	7.7	SW846 8260B
Tetrachloroethene	50	52	ug/kg	103		SW846 8260B
	50	53	ug/kg	107	3.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-216 KJRFJ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**50**	**49**	**ug/kg**	**97**		**SW846 8260B**
	50	**50**	**ug/kg**	**101**	**3.3**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	98	0.71	SW846 8260B
1,1,1-Trichloroethane	50	54	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	2.7	SW846 8260B
1,1,2-Trichloroethane	50	48	ug/kg	96		SW846 8260B
	50	47	ug/kg	93	3.0	SW846 8260B
Trichloroethene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**53**	**ug/kg**	**106**	**2.7**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	67	ug/kg	135		SW846 8260B
	50	70	ug/kg	139	3.2	SW846 8260B
1,2,4-Trimethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	102	2.6	SW846 8260B
1,3,5-Trimethylbenzene	50	50	ug/kg	100		SW846 8260B
	50	51	ug/kg	103	3.0	SW846 8260B
Vinyl chloride	50	51	ug/kg	101		SW846 8260B
	50	53	ug/kg	106	4.2	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	160	ug/kg	108	3.5	SW846 8260B
Methyl tert-butyl ether	50	56	ug/kg	112		SW846 8260B
	50	54	ug/kg	109	2.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	71	(59 - 138)
	70	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
	70	(61 - 130)
Toluene-d8	74	(60 - 143)
	73	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-216 KJRFJ1AD-LCSD
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	109	(58 - 130)			SW846 8260B
	101	(58 - 130)	7.9	(0-30)	SW846 8260B
Benzene	**100**	**(75 - 129)**			**SW846 8260B**
	103	**(75 - 129)**	**2.8**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	102	(72 - 125)			SW846 8260B
	104	(72 - 125)	2.2	(0-30)	SW846 8260B
Bromoform	109	(43 - 149)			SW846 8260B
	103	(43 - 149)	5.0	(0-30)	SW846 8260B
Bromomethane	101	(24 - 152)			SW846 8260B
	105	(24 - 152)	3.8	(0-30)	SW846 8260B
2-Butanone	99	(27 - 200)			SW846 8260B
	88	(27 - 200)	11	(0-46)	SW846 8260B
Carbon disulfide	115	(50 - 137)			SW846 8260B
	119	(50 - 137)	2.8	(0-30)	SW846 8260B
Carbon tetrachloride	107	(57 - 137)			SW846 8260B
	112	(57 - 137)	4.0	(0-30)	SW846 8260B
Chlorobenzene	**101**	**(75 - 127)**			**SW846 8260B**
	104	**(75 - 127)**	**3.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	100	(49 - 135)			SW846 8260B
	102	(49 - 135)	1.5	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	104	(50 - 150)			SW846 8260B
	90	(50 - 150)	15	(0-30)	SW846 8260B
Chloroethane	99	(31 - 144)			SW846 8260B
	102	(31 - 144)	2.8	(0-30)	SW846 8260B
Chloroform	103	(73 - 115)			SW846 8260B
	105	(73 - 115)	1.9	(0-30)	SW846 8260B
Chloromethane	94	(15 - 136)			SW846 8260B
	100	(15 - 136)	6.5	(0-30)	SW846 8260B
Cyclohexane	94	(50 - 150)			SW846 8260B
	98	(50 - 150)	3.5	(0-20)	SW846 8260B
1,2-Dibromoethane	100	(50 - 150)			SW846 8260B
	98	(50 - 150)	2.8	(0-30)	SW846 8260B
1,2-Dichlorobenzene	94	(50 - 150)			SW846 8260B
	96	(50 - 150)	1.9	(0-30)	SW846 8260B
1,3-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	99	(50 - 150)	1.3	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-216 KJRFJ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	97	(50 - 150)	2.4	(0-20)	SW846 8260B
Dichlorodifluoromethane	89	(50 - 150)			SW846 8260B
	90	(50 - 150)	0.62	(0-20)	SW846 8260B
1,1-Dichloroethane	103	(77 - 119)			SW846 8260B
	106	(77 - 119)	2.5	(0-30)	SW846 8260B
1,2-Dichloroethane	100	(78 - 121)			SW846 8260B
	101	(78 - 121)	0.87	(0-30)	SW846 8260B
1,1-Dichloroethene	**114**	**(55 - 142)**			**SW846 8260B**
	118	**(55 - 142)**	**3.6**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	105	(77 - 114)			SW846 8260B
	106	(77 - 114)	1.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(68 - 117)			SW846 8260B
	109	(68 - 117)	3.2	(0-30)	SW846 8260B
1,2-Dichloropropane	97	(78 - 116)			SW846 8260B
	100	(78 - 116)	3.1	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	103	(71 - 125)			SW846 8260B
	103	(71 - 125)	0.70	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	102	(67 - 125)			SW846 8260B
	102	(67 - 125)	0.31	(0-30)	SW846 8260B
Ethylbenzene	102	(79 - 114)			SW846 8260B
	105	(79 - 114)	3.3	(0-30)	SW846 8260B
Trichlorofluoromethane	109	(50 - 150)			SW846 8260B
	113	(50 - 150)	3.4	(0-20)	SW846 8260B
2-Hexanone	108	(29 - 200)			SW846 8260B
	94	(29 - 200)	13	(0-41)	SW846 8260B
Isopropylbenzene	120	(50 - 150)			SW846 8260B
	125	(50 - 150)	4.0	(0-20)	SW846 8260B
Methyl acetate	96	(50 - 150)			SW846 8260B
	89	(50 - 150)	7.1	(0-20)	SW846 8260B
Methylcyclohexane	100	(50 - 150)			SW846 8260B
	105	(50 - 150)	4.4	(0-20)	SW846 8260B
Methylene chloride	102	(58 - 130)			SW846 8260B
	104	(58 - 130)	2.1	(0-30)	SW846 8260B
4-Methyl-2-pentanone	103	(68 - 142)			SW846 8260B
	94	(68 - 142)	8.7	(0-60)	SW846 8260B
Styrene	106	(80 - 114)			SW846 8260B
	110	(80 - 114)	3.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	95	(70 - 133)			SW846 8260B
	88	(70 - 133)	7.7	(0-30)	SW846 8260B
Tetrachloroethene	103	(72 - 120)			SW846 8260B
	107	(72 - 120)	3.2	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRFJ1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-216 KJRFJ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**97**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**3.3**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	98	(50 - 150)			SW846 8260B
	98	(50 - 150)	0.71	(0-20)	SW846 8260B
1,1,1-Trichloroethane	107	(67 - 123)			SW846 8260B
	110	(67 - 123)	2.7	(0-30)	SW846 8260B
1,1,2-Trichloroethane	96	(82 - 116)			SW846 8260B
	93	(82 - 116)	3.0	(0-30)	SW846 8260B
Trichloroethene	**104**	**(70 - 131)**			**SW846 8260B**
	106	**(70 - 131)**	**2.7**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	135	(50 - 150)			SW846 8260B
	139	(50 - 150)	3.2	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	103	(70 - 130)	3.0	(0-30)	SW846 8260B
Vinyl chloride	101	(24 - 152)			SW846 8260B
	106	(24 - 152)	4.2	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	108	(80 - 114)	3.5	(0-30)	SW846 8260B
Methyl tert-butyl ether	112	(70 - 130)			SW846 8260B
	109	(70 - 130)	2.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	71	(59 - 138)
	70	(59 - 138)
1,2-Dichloroethane-d4	74	(61 - 130)
	70	(61 - 130)
Toluene-d8	74	(60 - 143)
	73	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	96	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-248 KJVEK1AD-LCSD
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	55	ug/kg	110		SW846 8260B
	50	53	ug/kg	106	3.7	SW846 8260B
Benzene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**50**	**ug/kg**	**99**	**1.9**	**SW846 8260B**
Bromodichloromethane	50	52	ug/kg	103		SW846 8260B
	50	50	ug/kg	101	2.3	SW846 8260B
Bromoform	50	53	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	2.3	SW846 8260B
Bromomethane	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	1.9	SW846 8260B
2-Butanone	50	49	ug/kg	98		SW846 8260B
	50	45	ug/kg	91	7.6	SW846 8260B
Carbon disulfide	50	56	ug/kg	112		SW846 8260B
	50	55	ug/kg	110	2.2	SW846 8260B
Carbon tetrachloride	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.5	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**3.1**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	103	2.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	49	ug/kg	98		SW846 8260B
	50	47	ug/kg	94	4.4	SW846 8260B
Chloroethane	50	50	ug/kg	101		SW846 8260B
	50	50	ug/kg	99	1.3	SW846 8260B
Chloroform	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	0.62	SW846 8260B
Chloromethane	50	48	ug/kg	97		SW846 8260B
	50	48	ug/kg	95	1.7	SW846 8260B
Cyclohexane	50	47	ug/kg	94		SW846 8260B
	50	46	ug/kg	93	1.7	SW846 8260B
1,2-Dibromoethane	50	51	ug/kg	103		SW846 8260B
	50	49	ug/kg	99	3.9	SW846 8260B
1,2-Dichlorobenzene	50	49	ug/kg	97		SW846 8260B
	50	48	ug/kg	96	1.3	SW846 8260B
1,3-Dichlorobenzene	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	99	3.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-248 KJVEK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,4-Dichlorobenzene	50	49	ug/kg	98		SW846 8260B
	50	48	ug/kg	95	2.4	SW846 8260B
Dichlorodifluoromethane	50	43	ug/kg	85		SW846 8260B
	50	43	ug/kg	85	0.31	SW846 8260B
1,1-Dichloroethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.19	SW846 8260B
1,2-Dichloroethane	50	51	ug/kg	101		SW846 8260B
	50	50	ug/kg	100	1.1	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**115**		**SW846 8260B**
	50	**55**	**ug/kg**	**110**	**4.2**	**SW846 8260B**
cis-1,2-Dichloroethene	50	52	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.67	SW846 8260B
trans-1,2-Dichloroethene	50	52	ug/kg	105		SW846 8260B
	50	51	ug/kg	102	3.0	SW846 8260B
1,2-Dichloropropane	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	99	1.3	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	101	0.81	SW846 8260B
trans-1,3-Dichloropropene	50	53	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	2.4	SW846 8260B
Ethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	105	2.9	SW846 8260B
Trichlorofluoromethane	50	55	ug/kg	111		SW846 8260B
	50	54	ug/kg	108	2.7	SW846 8260B
2-Hexanone	50	51	ug/kg	103		SW846 8260B
	50	49	ug/kg	98	4.6	SW846 8260B
Isopropylbenzene	50	61	ug/kg	121		SW846 8260B
	50	60	ug/kg	120	0.81	SW846 8260B
Methyl acetate	50	47	ug/kg	95		SW846 8260B
	50	45	ug/kg	90	4.7	SW846 8260B
Methylcyclohexane	50	50	ug/kg	99		SW846 8260B
	50	49	ug/kg	99	0.66	SW846 8260B
Methylene chloride	50	49	ug/kg	98		SW846 8260B
	50	49	ug/kg	99	0.18	SW846 8260B
4-Methyl-2-pentanone	50	51	ug/kg	102		SW846 8260B
	50	49	ug/kg	98	3.9	SW846 8260B
Styrene	50	55	ug/kg	111		SW846 8260B
	50	54	ug/kg	107	3.4	SW846 8260B
1,1,2,2-Tetrachloroethane	50	46	ug/kg	92		SW846 8260B
	50	44	ug/kg	88	4.4	SW846 8260B
Tetrachloroethene	50	54	ug/kg	108		SW846 8260B
	50	52	ug/kg	105	2.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-248 KJVEK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toluene	**50**	**51**	**ug/kg**	**103**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**2.6**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	97	4.5	SW846 8260B
1,1,1-Trichloroethane	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.17	SW846 8260B
1,1,2-Trichloroethane	50	49	ug/kg	99		SW846 8260B
	50	48	ug/kg	95	3.8	SW846 8260B
Trichloroethene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**52**	**ug/kg**	**105**	**0.83**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	67	ug/kg	133		SW846 8260B
	50	67	ug/kg	133	0.19	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	103		SW846 8260B
	50	50	ug/kg	101	2.4	SW846 8260B
1,3,5-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	101	2.5	SW846 8260B
Vinyl chloride	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	99	1.5	SW846 8260B
Xylenes (total)	150	160	ug/kg	108		SW846 8260B
	150	160	ug/kg	106	2.4	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	77	(59 - 138)
	79	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	84	(61 - 130)
Toluene-d8	79	(60 - 143)
	80	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-248 KJVEK1AD-LCSD
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	110	(58 - 130)			SW846 8260B
	106	(58 - 130)	3.7	(0-30)	SW846 8260B
Benzene	**101**	**(75 - 129)**			**SW846 8260B**
	99	**(75 - 129)**	**1.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	103	(72 - 125)			SW846 8260B
	101	(72 - 125)	2.3	(0-30)	SW846 8260B
Bromoform	107	(43 - 149)			SW846 8260B
	104	(43 - 149)	2.3	(0-30)	SW846 8260B
Bromomethane	104	(24 - 152)			SW846 8260B
	102	(24 - 152)	1.9	(0-30)	SW846 8260B
2-Butanone	98	(27 - 200)			SW846 8260B
	91	(27 - 200)	7.6	(0-46)	SW846 8260B
Carbon disulfide	112	(50 - 137)			SW846 8260B
	110	(50 - 137)	2.2	(0-30)	SW846 8260B
Carbon tetrachloride	108	(57 - 137)			SW846 8260B
	106	(57 - 137)	1.5	(0-30)	SW846 8260B
Chlorobenzene	**106**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**3.1**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	106	(49 - 135)			SW846 8260B
	103	(49 - 135)	2.3	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	98	(50 - 150)			SW846 8260B
	94	(50 - 150)	4.4	(0-30)	SW846 8260B
Chloroethane	101	(31 - 144)			SW846 8260B
	99	(31 - 144)	1.3	(0-30)	SW846 8260B
Chloroform	103	(73 - 115)			SW846 8260B
	102	(73 - 115)	0.62	(0-30)	SW846 8260B
Chloromethane	97	(15 - 136)			SW846 8260B
	95	(15 - 136)	1.7	(0-30)	SW846 8260B
Cyclohexane	94	(50 - 150)			SW846 8260B
	93	(50 - 150)	1.7	(0-20)	SW846 8260B
1,2-Dibromoethane	103	(50 - 150)			SW846 8260B
	99	(50 - 150)	3.9	(0-30)	SW846 8260B
1,2-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	96	(50 - 150)	1.3	(0-30)	SW846 8260B
1,3-Dichlorobenzene	102	(50 - 150)			SW846 8260B
	99	(50 - 150)	3.7	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-248 KJVEK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	95	(50 - 150)	2.4	(0-20)	SW846 8260B
Dichlorodifluoromethane	85	(50 - 150)			SW846 8260B
	85	(50 - 150)	0.31	(0-20)	SW846 8260B
1,1-Dichloroethane	103	(77 - 119)			SW846 8260B
	103	(77 - 119)	0.19	(0-30)	SW846 8260B
1,2-Dichloroethane	101	(78 - 121)			SW846 8260B
	100	(78 - 121)	1.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**115**	**(55 - 142)**			**SW846 8260B**
	110	**(55 - 142)**	**4.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	103	(77 - 114)			SW846 8260B
	103	(77 - 114)	0.67	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(68 - 117)			SW846 8260B
	102	(68 - 117)	3.0	(0-30)	SW846 8260B
1,2-Dichloropropane	98	(78 - 116)			SW846 8260B
	99	(78 - 116)	1.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	102	(71 - 125)			SW846 8260B
	101	(71 - 125)	0.81	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	107	(67 - 125)			SW846 8260B
	104	(67 - 125)	2.4	(0-30)	SW846 8260B
Ethylbenzene	108	(79 - 114)			SW846 8260B
	105	(79 - 114)	2.9	(0-30)	SW846 8260B
Trichlorofluoromethane	111	(50 - 150)			SW846 8260B
	108	(50 - 150)	2.7	(0-20)	SW846 8260B
2-Hexanone	103	(29 - 200)			SW846 8260B
	98	(29 - 200)	4.6	(0-41)	SW846 8260B
Isopropylbenzene	121	(50 - 150)			SW846 8260B
	120	(50 - 150)	0.81	(0-20)	SW846 8260B
Methyl acetate	95	(50 - 150)			SW846 8260B
	90	(50 - 150)	4.7	(0-20)	SW846 8260B
Methylcyclohexane	99	(50 - 150)			SW846 8260B
	99	(50 - 150)	0.66	(0-20)	SW846 8260B
Methylene chloride	98	(58 - 130)			SW846 8260B
	99	(58 - 130)	0.18	(0-30)	SW846 8260B
4-Methyl-2-pentanone	102	(68 - 142)			SW846 8260B
	98	(68 - 142)	3.9	(0-60)	SW846 8260B
Styrene	111	(80 - 114)			SW846 8260B
	107	(80 - 114)	3.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(70 - 133)			SW846 8260B
	88	(70 - 133)	4.4	(0-30)	SW846 8260B
Tetrachloroethene	108	(72 - 120)			SW846 8260B
	105	(72 - 120)	2.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVEK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-248 KJVEK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**103**	**(71 - 130)**			**SW846 8260B**
	100	**(71 - 130)**	**2.6**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	101	(50 - 150)			SW846 8260B
	97	(50 - 150)	4.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	106	(67 - 123)			SW846 8260B
	106	(67 - 123)	0.17	(0-30)	SW846 8260B
1,1,2-Trichloroethane	99	(82 - 116)			SW846 8260B
	95	(82 - 116)	3.8	(0-30)	SW846 8260B
Trichloroethene	**106**	**(70 - 131)**			**SW846 8260B**
	105	**(70 - 131)**	**0.83**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	133	(50 - 150)			SW846 8260B
	133	(50 - 150)	0.19	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	103	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.4	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.5	(0-30)	SW846 8260B
Vinyl chloride	100	(24 - 152)			SW846 8260B
	99	(24 - 152)	1.5	(0-30)	SW846 8260B
Xylenes (total)	108	(80 - 114)			SW846 8260B
	106	(80 - 114)	2.4	(0-30)	SW846 8260B
Methyl tert-butyl ether	108	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.8	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	77	(59 - 138)
	79	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	84	(61 - 130)
Toluene-d8	79	(60 - 143)
	80	(60 - 143)
4-Bromofluorobenzene	85	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-306 KJVN71AD-LCSD
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079306
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	500	430	ug/kg	85		SW846 8260B
	500	410	ug/kg	83	2.6	SW846 8260B
1,3,5-Trimethylbenzene	500	420	ug/kg	85		SW846 8260B
	500	410	ug/kg	82	2.5	SW846 8260B
Acetone	500	a	ug/kg	13		SW846 8260B
	500	a,p	ug/kg	8.2	48	SW846 8260B
Benzene	**500**	**460**	**ug/kg**	**92**		**SW846 8260B**
	500	**460**	**ug/kg**	**92**	**0.42**	**SW846 8260B**
Bromodichloromethane	500	360 a	ug/kg	71		SW846 8260B
	500	350 a	ug/kg	69	2.9	SW846 8260B
Bromoform	500	370	ug/kg	73		SW846 8260B
	500	330	ug/kg	65	11	SW846 8260B
Bromomethane	500	310	ug/kg	63		SW846 8260B
	500	400	ug/kg	79	24	SW846 8260B
2-Butanone	500	240	ug/kg	48		SW846 8260B
	500	290	ug/kg	57	18	SW846 8260B
Carbon disulfide	500	320	ug/kg	64		SW846 8260B
	500	310	ug/kg	62	2.5	SW846 8260B
Carbon tetrachloride	500	310	ug/kg	61		SW846 8260B
	500	290	ug/kg	58	5.4	SW846 8260B
Chlorobenzene	**500**	**510**	**ug/kg**	**101**		**SW846 8260B**
	500	**500**	**ug/kg**	**99**	**1.8**	**SW846 8260B**
Chloroethane	500	370	ug/kg	75		SW846 8260B
	500	390	ug/kg	79	4.7	SW846 8260B
Chloroform	500	470	ug/kg	93		SW846 8260B
	500	450	ug/kg	91	2.8	SW846 8260B
Chloromethane	500	230	ug/kg	45		SW846 8260B
	500	230	ug/kg	46	0.43	SW846 8260B
Cyclohexane	500	310	ug/kg	62		SW846 8260B
	500	300	ug/kg	61	2.8	SW846 8260B
Dibromochloromethane	500	380	ug/kg	75		SW846 8260B
	500	320	ug/kg	64	17	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	310	ug/kg	62		SW846 8260B
	500	280	ug/kg	57	8.6	SW846 8260B
1,2-Dibromoethane	500	480	ug/kg	96		SW846 8260B
	500	450	ug/kg	89	7.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-306 KJVN71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	500	470	ug/kg	93		SW846 8260B
	500	450	ug/kg	89	4.8	SW846 8260B
1,3-Dichlorobenzene	500	470	ug/kg	93		SW846 8260B
	500	460	ug/kg	92	0.88	SW846 8260B
1,4-Dichlorobenzene	500	450	ug/kg	91		SW846 8260B
	500	440	ug/kg	89	2.0	SW846 8260B
Dichlorodifluoromethane	500	280	ug/kg	56		SW846 8260B
	500	270	ug/kg	54	2.6	SW846 8260B
1,1-Dichloroethane	500	430	ug/kg	86		SW846 8260B
	500	420	ug/kg	83	2.6	SW846 8260B
1,2-Dichloroethane	500	430	ug/kg	87		SW846 8260B
	500	450	ug/kg	89	2.6	SW846 8260B
1,1-Dichloroethene	**500**	**520**	**ug/kg**	**103**		**SW846 8260B**
	500	**510**	**ug/kg**	**103**	**0.21**	**SW846 8260B**
cis-1,2-Dichloroethene	500	390	ug/kg	79		SW846 8260B
	500	400	ug/kg	79	0.93	SW846 8260B
trans-1,2-Dichloroethene	500	490	ug/kg	99		SW846 8260B
	500	470	ug/kg	94	5.5	SW846 8260B
1,2-Dichloropropane	500	420	ug/kg	83		SW846 8260B
	500	400	ug/kg	81	3.6	SW846 8260B
cis-1,3-Dichloropropene	500	360	ug/kg	71		SW846 8260B
	500	360	ug/kg	72	1.2	SW846 8260B
trans-1,3-Dichloropropene	500	360	ug/kg	71		SW846 8260B
	500	350	ug/kg	70	1.3	SW846 8260B
Ethylbenzene	500	460	ug/kg	93		SW846 8260B
	500	470	ug/kg	93	0.82	SW846 8260B
2-Hexanone	500	250	ug/kg	49		SW846 8260B
	500	200	ug/kg	41	19	SW846 8260B
Isopropylbenzene	500	440	ug/kg	87		SW846 8260B
	500	440	ug/kg	89	1.6	SW846 8260B
Methyl acetate	500	310	ug/kg	61		SW846 8260B
	500	270	ug/kg	55	11	SW846 8260B
Methylene chloride	500	560	ug/kg	113		SW846 8260B
	500	560	ug/kg	112	1.0	SW846 8260B
Methylcyclohexane	500	350	ug/kg	70		SW846 8260B
	500	360	ug/kg	71	1.2	SW846 8260B
4-Methyl-2-pentanone	500	270 a	ug/kg	54		SW846 8260B
	500	290 a	ug/kg	58	8.5	SW846 8260B
Methyl tert-butyl ether	500	450	ug/kg	91		SW846 8260B
	500	430	ug/kg	87	4.4	SW846 8260B
Styrene	500	440	ug/kg	88		SW846 8260B
	500	440	ug/kg	88	0.080	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-306 KJVN71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	500	410	ug/kg	81		SW846 8260B
	500	410	ug/kg	81	0.29	SW846 8260B
Tetrachloroethene	500	490	ug/kg	98		SW846 8260B
	500	510	ug/kg	101	3.2	SW846 8260B
Toluene	**500**	**490**	**ug/kg**	**98**		**SW846 8260B**
	500	**500**	**ug/kg**	**101**	**2.4**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	300	ug/kg	60		SW846 8260B
	500	320	ug/kg	65	8.4	SW846 8260B
1,1,1-Trichloroethane	500	340	ug/kg	69		SW846 8260B
	500	350	ug/kg	70	1.2	SW846 8260B
1,1,2-Trichloroethane	500	470	ug/kg	93		SW846 8260B
	500	470	ug/kg	94	0.42	SW846 8260B
Trichloroethene	**500**	**540**	**ug/kg**	**108**		**SW846 8260B**
	500	**540**	**ug/kg**	**108**	**0.32**	**SW846 8260B**
Trichlorofluoromethane	500	410	ug/kg	81		SW846 8260B
	500	370	ug/kg	75	8.7	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	500	610	ug/kg	121		SW846 8260B
	500	600	ug/kg	121	0.66	SW846 8260B
Vinyl chloride	500	310	ug/kg	62		SW846 8260B
	500	310	ug/kg	62	1.0	SW846 8260B
Xylenes (total)	1500	1300	ug/kg	84		SW846 8260B
	1500	1300	ug/kg	85	1.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	96	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
	84	(61 - 130)
Toluene-d8	104	(60 - 143)
	104	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-306 KJVN71AD-LCSD
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079306
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	85	(70 - 130)			SW846 8260B
	83	(70 - 130)	2.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	85	(70 - 130)			SW846 8260B
	82	(70 - 130)	2.5	(0-30)	SW846 8260B
Acetone	13 a	(58 - 130)			SW846 8260B
	8.2 a,p	(58 - 130)	48	(0-30)	SW846 8260B
Benzene	**92**	**(75 - 129)**			**SW846 8260B**
	92	**(75 - 129)**	**0.42**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	71 a	(72 - 125)			SW846 8260B
	69 a	(72 - 125)	2.9	(0-30)	SW846 8260B
Bromoform	73	(43 - 149)			SW846 8260B
	65	(43 - 149)	11	(0-30)	SW846 8260B
Bromomethane	63	(24 - 152)			SW846 8260B
	79	(24 - 152)	24	(0-30)	SW846 8260B
2-Butanone	48	(27 - 200)			SW846 8260B
	57	(27 - 200)	18	(0-46)	SW846 8260B
Carbon disulfide	64	(50 - 137)			SW846 8260B
	62	(50 - 137)	2.5	(0-30)	SW846 8260B
Carbon tetrachloride	61	(57 - 137)			SW846 8260B
	58	(57 - 137)	5.4	(0-30)	SW846 8260B
Chlorobenzene	**101**	**(75 - 127)**			**SW846 8260B**
	99	**(75 - 127)**	**1.8**	**(0-22)**	**SW846 8260B**
Chloroethane	75	(31 - 144)			SW846 8260B
	79	(31 - 144)	4.7	(0-30)	SW846 8260B
Chloroform	93	(73 - 115)			SW846 8260B
	91	(73 - 115)	2.8	(0-30)	SW846 8260B
Chloromethane	45	(15 - 136)			SW846 8260B
	46	(15 - 136)	0.43	(0-30)	SW846 8260B
Cyclohexane	62	(50 - 150)			SW846 8260B
	61	(50 - 150)	2.8	(0-20)	SW846 8260B
Dibromochloromethane	75	(49 - 135)			SW846 8260B
	64	(49 - 135)	17	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	62	(50 - 150)			SW846 8260B
	57	(50 - 150)	8.6	(0-30)	SW846 8260B
1,2-Dibromoethane	96	(50 - 150)			SW846 8260B
	89	(50 - 150)	7.2	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-306 KJVN71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	93	(50 - 150)			SW846 8260B
	89	(50 - 150)	4.8	(0-30)	SW846 8260B
1,3-Dichlorobenzene	93	(50 - 150)			SW846 8260B
	92	(50 - 150)	0.88	(0-20)	SW846 8260B
1,4-Dichlorobenzene	91	(50 - 150)			SW846 8260B
	89	(50 - 150)	2.0	(0-20)	SW846 8260B
Dichlorodifluoromethane	56	(50 - 150)			SW846 8260B
	54	(50 - 150)	2.6	(0-20)	SW846 8260B
1,1-Dichloroethane	86	(77 - 119)			SW846 8260B
	83	(77 - 119)	2.6	(0-30)	SW846 8260B
1,2-Dichloroethane	87	(78 - 121)			SW846 8260B
	89	(78 - 121)	2.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**103**	**(55 - 142)**			**SW846 8260B**
	103	**(55 - 142)**	**0.21**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	79	(77 - 114)			SW846 8260B
	79	(77 - 114)	0.93	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	99	(68 - 117)			SW846 8260B
	94	(68 - 117)	5.5	(0-30)	SW846 8260B
1,2-Dichloropropane	83	(78 - 116)			SW846 8260B
	81	(78 - 116)	3.6	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	71	(71 - 125)			SW846 8260B
	72	(71 - 125)	1.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	71	(67 - 125)			SW846 8260B
	70	(67 - 125)	1.3	(0-30)	SW846 8260B
Ethylbenzene	93	(79 - 114)			SW846 8260B
	93	(79 - 114)	0.82	(0-30)	SW846 8260B
2-Hexanone	49	(29 - 200)			SW846 8260B
	41	(29 - 200)	19	(0-41)	SW846 8260B
Isopropylbenzene	87	(50 - 150)			SW846 8260B
	89	(50 - 150)	1.6	(0-20)	SW846 8260B
Methyl acetate	61	(50 - 150)			SW846 8260B
	55	(50 - 150)	11	(0-20)	SW846 8260B
Methylene chloride	113	(58 - 130)			SW846 8260B
	112	(58 - 130)	1.0	(0-30)	SW846 8260B
Methylcyclohexane	70	(50 - 150)			SW846 8260B
	71	(50 - 150)	1.2	(0-20)	SW846 8260B
4-Methyl-2-pentanone	54 a	(68 - 142)			SW846 8260B
	58 a	(68 - 142)	8.5	(0-60)	SW846 8260B
Methyl tert-butyl ether	91	(70 - 130)			SW846 8260B
	87	(70 - 130)	4.4	(0-30)	SW846 8260B
Styrene	88	(80 - 114)			SW846 8260B
	88	(80 - 114)	0.080	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVN71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-306 KJVN71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	81	(70 - 133)			SW846 8260B
	81	(70 - 133)	0.29	(0-30)	SW846 8260B
Tetrachloroethene	98	(72 - 120)			SW846 8260B
	101	(72 - 120)	3.2	(0-30)	SW846 8260B
Toluene	**98**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**2.4**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	60	(50 - 150)			SW846 8260B
	65	(50 - 150)	8.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	69	(67 - 123)			SW846 8260B
	70	(67 - 123)	1.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	93	(82 - 116)			SW846 8260B
	94	(82 - 116)	0.42	(0-30)	SW846 8260B
Trichloroethene	**108**	**(70 - 131)**			**SW846 8260B**
	108	**(70 - 131)**	**0.32**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	81	(50 - 150)			SW846 8260B
	75	(50 - 150)	8.7	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	121	(50 - 150)			SW846 8260B
	121	(50 - 150)	0.66	(0-20)	SW846 8260B
Vinyl chloride	62	(24 - 152)			SW846 8260B
	62	(24 - 152)	1.0	(0-30)	SW846 8260B
Xylenes (total)	84	(80 - 114)			SW846 8260B
	85	(80 - 114)	1.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	96	(59 - 138)
1,2-Dichloroethane-d4	84	(61 - 130)
	84	(61 - 130)
Toluene-d8	104	(60 - 143)
	104	(60 - 143)
4-Bromofluorobenzene	93	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-344 KJVT01AD-LCSD
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079344
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	500	530	ug/kg	107		SW846 8260B
	500	530	ug/kg	106	0.29	SW846 8260B
1,3,5-Trimethylbenzene	500	520	ug/kg	104		SW846 8260B
	500	520	ug/kg	104	0.50	SW846 8260B
Acetone	500	450	ug/kg	90		SW846 8260B
	500	410	ug/kg	82	9.5	SW846 8260B
Benzene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**500**	**ug/kg**	**100**	**2.0**	**SW846 8260B**
Bromodichloromethane	500	410	ug/kg	81		SW846 8260B
	500	370	ug/kg	74	9.4	SW846 8260B
Bromoform	500	430	ug/kg	85		SW846 8260B
	500	400	ug/kg	80	6.6	SW846 8260B
Bromomethane	500	240	ug/kg	49		SW846 8260B
	500	220	ug/kg	43	12	SW846 8260B
2-Butanone	500	470	ug/kg	95		SW846 8260B
	500	470	ug/kg	95	0.10	SW846 8260B
Carbon disulfide	500	440	ug/kg	89		SW846 8260B
	500	430	ug/kg	86	3.7	SW846 8260B
Carbon tetrachloride	500	300	ug/kg	59		SW846 8260B
	500	280 a	ug/kg	55	6.9	SW846 8260B
Chlorobenzene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**510**	**ug/kg**	**102**	**0.52**	**SW846 8260B**
Chloroethane	500	260	ug/kg	51		SW846 8260B
	500	300	ug/kg	59	14	SW846 8260B
Chloroform	500	500	ug/kg	100		SW846 8260B
	500	500	ug/kg	99	1.0	SW846 8260B
Chloromethane	500	340	ug/kg	69		SW846 8260B
	500	330	ug/kg	65	4.9	SW846 8260B
Cyclohexane	500	520	ug/kg	103		SW846 8260B
	500	500	ug/kg	100	3.1	SW846 8260B
Dibromochloromethane	500	290	ug/kg	58		SW846 8260B
	500	280	ug/kg	57	1.9	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	210 a	ug/kg	41		SW846 8260B
	500	190 a	ug/kg	39	5.7	SW846 8260B
1,2-Dibromoethane	500	370	ug/kg	75		SW846 8260B
	500	380	ug/kg	77	2.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-344 KJVT01AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	500	500	ug/kg	100		SW846 8260B
	500	490	ug/kg	98	2.1	SW846 8260B
1,3-Dichlorobenzene	500	500	ug/kg	100		SW846 8260B
	500	500	ug/kg	100	0.46	SW846 8260B
1,4-Dichlorobenzene	500	500	ug/kg	99		SW846 8260B
	500	500	ug/kg	101	1.5	SW846 8260B
Dichlorodifluoromethane	500	250	ug/kg	50		SW846 8260B
	500	280	ug/kg	55	11	SW846 8260B
1,1-Dichloroethane	500	490	ug/kg	98		SW846 8260B
	500	480	ug/kg	95	2.5	SW846 8260B
1,2-Dichloroethane	500	470	ug/kg	94		SW846 8260B
	500	460	ug/kg	92	2.2	SW846 8260B
1,1-Dichloroethene	**500**	**460**	**ug/kg**	**92**		**SW846 8260B**
	500	**440**	**ug/kg**	**89**	**3.9**	**SW846 8260B**
cis-1,2-Dichloroethene	500	480	ug/kg	97		SW846 8260B
	500	470	ug/kg	93	3.7	SW846 8260B
trans-1,2-Dichloroethene	500	480	ug/kg	95		SW846 8260B
	500	460	ug/kg	93	2.8	SW846 8260B
1,2-Dichloropropane	500	500	ug/kg	101		SW846 8260B
	500	500	ug/kg	101	0.050	SW846 8260B
cis-1,3-Dichloropropene	500	340 a	ug/kg	67		SW846 8260B
	500	330 a	ug/kg	66	1.9	SW846 8260B
trans-1,3-Dichloropropene	500	220 a	ug/kg	45		SW846 8260B
	500	240 a	ug/kg	47	5.1	SW846 8260B
Ethylbenzene	500	520	ug/kg	105		SW846 8260B
	500	520	ug/kg	103	1.4	SW846 8260B
2-Hexanone	500	400	ug/kg	80		SW846 8260B
	500	380	ug/kg	76	4.2	SW846 8260B
Isopropylbenzene	500	570	ug/kg	113		SW846 8260B
	500	570	ug/kg	114	0.11	SW846 8260B
Methyl acetate	500	480	ug/kg	95		SW846 8260B
	500	440	ug/kg	89	7.0	SW846 8260B
Methylene chloride	500	510	ug/kg	103		SW846 8260B
	500	510	ug/kg	101	1.5	SW846 8260B
Methylcyclohexane	500	470	ug/kg	94		SW846 8260B
	500	480	ug/kg	96	2.9	SW846 8260B
4-Methyl-2-pentanone	500	420	ug/kg	84		SW846 8260B
	500	400	ug/kg	81	3.7	SW846 8260B
Methyl tert-butyl ether	500	450	ug/kg	90		SW846 8260B
	500	460	ug/kg	93	3.1	SW846 8260B
Styrene	500	530	ug/kg	105		SW846 8260B
	500	520	ug/kg	104	1.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-344 KJVT01AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	500	430	ug/kg	86		SW846 8260B
	500	430	ug/kg	86	0.66	SW846 8260B
Tetrachloroethene	500	500	ug/kg	100		SW846 8260B
	500	500	ug/kg	100	0.45	SW846 8260B
Toluene	**500**	**500**	**ug/kg**	**101**		**SW846 8260B**
	500	**500**	**ug/kg**	**101**	**0.46**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	520	ug/kg	103		SW846 8260B
	500	520	ug/kg	104	1.1	SW846 8260B
1,1,1-Trichloroethane	500	390	ug/kg	77		SW846 8260B
	500	390	ug/kg	78	1.3	SW846 8260B
1,1,2-Trichloroethane	500	490	ug/kg	98		SW846 8260B
	500	490	ug/kg	97	0.81	SW846 8260B
Trichloroethene	**500**	**510**	**ug/kg**	**101**		**SW846 8260B**
	500	**500**	**ug/kg**	**100**	**1.5**	**SW846 8260B**
Trichlorofluoromethane	500	350	ug/kg	70		SW846 8260B
	500	350	ug/kg	71	1.1	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	500	530	ug/kg	106		SW846 8260B
	500	510	ug/kg	102	4.1	SW846 8260B
Vinyl chloride	500	360	ug/kg	72		SW846 8260B
	500	350	ug/kg	70	1.8	SW846 8260B
Xylenes (total)	1500	1500	ug/kg	102		SW846 8260B
	1500	1500	ug/kg	102	0.38	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	84	(61 - 130)
Toluene-d8	96	(60 - 143)
	93	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-344 KJVT01AD-LCSD
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079344
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	107	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.29	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	104	(70 - 130)	0.50	(0-30)	SW846 8260B
Acetone	90	(58 - 130)			SW846 8260B
	82	(58 - 130)	9.5	(0-30)	SW846 8260B
Benzene	**102**	**(75 - 129)**			**SW846 8260B**
	100	**(75 - 129)**	**2.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	81	(72 - 125)			SW846 8260B
	74	(72 - 125)	9.4	(0-30)	SW846 8260B
Bromoform	85	(43 - 149)			SW846 8260B
	80	(43 - 149)	6.6	(0-30)	SW846 8260B
Bromomethane	49	(24 - 152)			SW846 8260B
	43	(24 - 152)	12	(0-30)	SW846 8260B
2-Butanone	95	(27 - 200)			SW846 8260B
	95	(27 - 200)	0.10	(0-46)	SW846 8260B
Carbon disulfide	89	(50 - 137)			SW846 8260B
	86	(50 - 137)	3.7	(0-30)	SW846 8260B
Carbon tetrachloride	59	(57 - 137)			SW846 8260B
	55 a	(57 - 137)	6.9	(0-30)	SW846 8260B
Chlorobenzene	**102**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**0.52**	**(0-22)**	**SW846 8260B**
Chloroethane	51	(31 - 144)			SW846 8260B
	59	(31 - 144)	14	(0-30)	SW846 8260B
Chloroform	100	(73 - 115)			SW846 8260B
	99	(73 - 115)	1.0	(0-30)	SW846 8260B
Chloromethane	69	(15 - 136)			SW846 8260B
	65	(15 - 136)	4.9	(0-30)	SW846 8260B
Cyclohexane	103	(50 - 150)			SW846 8260B
	100	(50 - 150)	3.1	(0-20)	SW846 8260B
Dibromochloromethane	58	(49 - 135)			SW846 8260B
	57	(49 - 135)	1.9	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	41 a	(50 - 150)			SW846 8260B
	39 a	(50 - 150)	5.7	(0-30)	SW846 8260B
1,2-Dibromoethane	75	(50 - 150)			SW846 8260B
	77	(50 - 150)	2.5	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-344 KJVT01AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	100	(50 - 150)			SW846 8260B
	98	(50 - 150)	2.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	100	(50 - 150)			SW846 8260B
	100	(50 - 150)	0.46	(0-20)	SW846 8260B
1,4-Dichlorobenzene	99	(50 - 150)			SW846 8260B
	101	(50 - 150)	1.5	(0-20)	SW846 8260B
Dichlorodifluoromethane	50	(50 - 150)			SW846 8260B
	55	(50 - 150)	11	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(77 - 119)			SW846 8260B
	95	(77 - 119)	2.5	(0-30)	SW846 8260B
1,2-Dichloroethane	94	(78 - 121)			SW846 8260B
	92	(78 - 121)	2.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**92**	**(55 - 142)**			**SW846 8260B**
	89	**(55 - 142)**	**3.9**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	97	(77 - 114)			SW846 8260B
	93	(77 - 114)	3.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	95	(68 - 117)			SW846 8260B
	93	(68 - 117)	2.8	(0-30)	SW846 8260B
1,2-Dichloropropane	101	(78 - 116)			SW846 8260B
	101	(78 - 116)	0.050	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	67 a	(71 - 125)			SW846 8260B
	66 a	(71 - 125)	1.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	45 a	(67 - 125)			SW846 8260B
	47 a	(67 - 125)	5.1	(0-30)	SW846 8260B
Ethylbenzene	105	(79 - 114)			SW846 8260B
	103	(79 - 114)	1.4	(0-30)	SW846 8260B
2-Hexanone	80	(29 - 200)			SW846 8260B
	76	(29 - 200)	4.2	(0-41)	SW846 8260B
Isopropylbenzene	113	(50 - 150)			SW846 8260B
	114	(50 - 150)	0.11	(0-20)	SW846 8260B
Methyl acetate	95	(50 - 150)			SW846 8260B
	89	(50 - 150)	7.0	(0-20)	SW846 8260B
Methylene chloride	103	(58 - 130)			SW846 8260B
	101	(58 - 130)	1.5	(0-30)	SW846 8260B
Methylcyclohexane	94	(50 - 150)			SW846 8260B
	96	(50 - 150)	2.9	(0-20)	SW846 8260B
4-Methyl-2-pentanone	84	(68 - 142)			SW846 8260B
	81	(68 - 142)	3.7	(0-60)	SW846 8260B
Methyl tert-butyl ether	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	3.1	(0-30)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	104	(80 - 114)	1.5	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVT01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-344 KJVT01AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	86	(70 - 133)			SW846 8260B
	86	(70 - 133)	0.66	(0-30)	SW846 8260B
Tetrachloroethene	100	(72 - 120)			SW846 8260B
	100	(72 - 120)	0.45	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	101	**(71 - 130)**	**0.46**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.1	(0-20)	SW846 8260B
1,1,1-Trichloroethane	77	(67 - 123)			SW846 8260B
	78	(67 - 123)	1.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	98	(82 - 116)			SW846 8260B
	97	(82 - 116)	0.81	(0-30)	SW846 8260B
Trichloroethene	**101**	**(70 - 131)**			**SW846 8260B**
	100	**(70 - 131)**	**1.5**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	70	(50 - 150)			SW846 8260B
	71	(50 - 150)	1.1	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	106	(50 - 150)			SW846 8260B
	102	(50 - 150)	4.1	(0-20)	SW846 8260B
Vinyl chloride	72	(24 - 152)			SW846 8260B
	70	(24 - 152)	1.8	(0-30)	SW846 8260B
Xylenes (total)	102	(80 - 114)			SW846 8260B
	102	(80 - 114)	0.38	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	84	(61 - 130)
Toluene-d8	96	(60 - 143)
	93	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)
	93	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-346 KJVVK1AD-LCSD
Prep Date.....: 03/12/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079346
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	500	540	ug/kg	107		SW846 8260B
	500	540	ug/kg	109	1.6	SW846 8260B
1,3,5-Trimethylbenzene	500	520	ug/kg	104		SW846 8260B
	500	530	ug/kg	106	1.2	SW846 8260B
Acetone	500	390	ug/kg	78		SW846 8260B
	500	400	ug/kg	80	2.8	SW846 8260B
Benzene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**500**	**ug/kg**	**100**	**2.8**	**SW846 8260B**
Bromodichloromethane	500	290 a	ug/kg	59		SW846 8260B
	500	300 a	ug/kg	59	1.3	SW846 8260B
Bromoform	500	350	ug/kg	69		SW846 8260B
	500	350	ug/kg	70	1.0	SW846 8260B
Bromomethane	500	230	ug/kg	46		SW846 8260B
	500	190	ug/kg	39	17	SW846 8260B
2-Butanone	500	500	ug/kg	100		SW846 8260B
	500	520	ug/kg	103	3.7	SW846 8260B
Carbon disulfide	500	390	ug/kg	78		SW846 8260B
	500	390	ug/kg	78	0.11	SW846 8260B
Carbon tetrachloride	500	220 a	ug/kg	44		SW846 8260B
	500	220 a	ug/kg	45	0.42	SW846 8260B
Chlorobenzene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**520**	**ug/kg**	**104**	**1.9**	**SW846 8260B**
Chloroethane	500	280	ug/kg	57		SW846 8260B
	500	280	ug/kg	55	2.5	SW846 8260B
Chloroform	500	480	ug/kg	96		SW846 8260B
	500	500	ug/kg	99	3.3	SW846 8260B
Chloromethane	500	320	ug/kg	65		SW846 8260B
	500	320	ug/kg	65	0.63	SW846 8260B
Cyclohexane	500	480	ug/kg	96		SW846 8260B
	500	460	ug/kg	93	3.6	SW846 8260B
Dibromochloromethane	500	200 a	ug/kg	39		SW846 8260B
	500	210 a	ug/kg	41	4.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	140 a	ug/kg	28		SW846 8260B
	500	150 a	ug/kg	31	8.5	SW846 8260B
1,2-Dibromoethane	500	280	ug/kg	56		SW846 8260B
	500	320	ug/kg	63	13	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-346 KJVVK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	500	500	ug/kg	101		SW846 8260B
	500	510	ug/kg	101	0.60	SW846 8260B
1,3-Dichlorobenzene	500	490	ug/kg	99		SW846 8260B
	500	510	ug/kg	101	2.5	SW846 8260B
1,4-Dichlorobenzene	500	510	ug/kg	103		SW846 8260B
	500	500	ug/kg	100	2.1	SW846 8260B
Dichlorodifluoromethane	500	230 a	ug/kg	46		SW846 8260B
	500	190 a	ug/kg	38	19	SW846 8260B
1,1-Dichloroethane	500	490	ug/kg	98		SW846 8260B
	500	480	ug/kg	97	0.83	SW846 8260B
1,2-Dichloroethane	500	460	ug/kg	92		SW846 8260B
	500	460	ug/kg	92	0.11	SW846 8260B
1,1-Dichloroethene	**500**	**410**	**ug/kg**	**82**		**SW846 8260B**
	500	**430**	**ug/kg**	**85**	**3.2**	**SW846 8260B**
cis-1,2-Dichloroethene	500	470	ug/kg	95		SW846 8260B
	500	470	ug/kg	95	0.030	SW846 8260B
trans-1,2-Dichloroethene	500	460	ug/kg	93		SW846 8260B
	500	460	ug/kg	92	0.82	SW846 8260B
1,2-Dichloropropane	500	500	ug/kg	100		SW846 8260B
	500	510	ug/kg	102	1.5	SW846 8260B
cis-1,3-Dichloropropene	500	300 a	ug/kg	59		SW846 8260B
	500	310 a	ug/kg	63	5.5	SW846 8260B
trans-1,3-Dichloropropene	500	210 a	ug/kg	41		SW846 8260B
	500	230 a	ug/kg	45	9.6	SW846 8260B
Ethylbenzene	500	520	ug/kg	103		SW846 8260B
	500	520	ug/kg	105	1.6	SW846 8260B
2-Hexanone	500	390	ug/kg	78		SW846 8260B
	500	410	ug/kg	82	4.9	SW846 8260B
Isopropylbenzene	500	570	ug/kg	114		SW846 8260B
	500	570	ug/kg	115	0.82	SW846 8260B
Methyl acetate	500	460	ug/kg	92		SW846 8260B
	500	510	ug/kg	102	11	SW846 8260B
Methylene chloride	500	520	ug/kg	103		SW846 8260B
	500	500	ug/kg	100	3.2	SW846 8260B
Methylcyclohexane	500	460	ug/kg	92		SW846 8260B
	500	450	ug/kg	90	1.8	SW846 8260B
4-Methyl-2-pentanone	500	410	ug/kg	82		SW846 8260B
	500	400	ug/kg	79	2.9	SW846 8260B
Methyl tert-butyl ether	500	500	ug/kg	99		SW846 8260B
	500	490	ug/kg	99	0.50	SW846 8260B
Styrene	500	520	ug/kg	105		SW846 8260B
	500	530	ug/kg	105	0.52	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-346 KJVVK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	500	380	ug/kg	77		SW846 8260B
	500	390	ug/kg	78	1.6	SW846 8260B
Tetrachloroethene	500	500	ug/kg	101		SW846 8260B
	500	510	ug/kg	101	0.48	SW846 8260B
Toluene	**500**	**510**	**ug/kg**	**101**		**SW846 8260B**
	500	**510**	**ug/kg**	**103**	**1.2**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	510	ug/kg	102		SW846 8260B
	500	520	ug/kg	104	1.4	SW846 8260B
1,1,1-Trichloroethane	500	340	ug/kg	68		SW846 8260B
	500	350	ug/kg	70	2.3	SW846 8260B
1,1,2-Trichloroethane	500	470	ug/kg	93		SW846 8260B
	500	490	ug/kg	98	5.2	SW846 8260B
Trichloroethene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**500**	**ug/kg**	**101**	**0.88**	**SW846 8260B**
Trichlorofluoromethane	500	290	ug/kg	58		SW846 8260B
	500	300	ug/kg	61	3.9	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	500	500	ug/kg	99		SW846 8260B
	500	440	ug/kg	88	12	SW846 8260B
Vinyl chloride	500	350	ug/kg	70		SW846 8260B
	500	330	ug/kg	67	5.6	SW846 8260B
Xylenes (total)	1500	1500	ug/kg	103		SW846 8260B
	1500	1600	ug/kg	105	2.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
	91	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	84	(61 - 130)
Toluene-d8	96	(60 - 143)
	94	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)
	94	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-346 KJVVK1AD-LCSD
Prep Date.....: 03/12/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8079346
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	107	(70 - 130)			SW846 8260B
	109	(70 - 130)	1.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.2	(0-30)	SW846 8260B
Acetone	78	(58 - 130)			SW846 8260B
	80	(58 - 130)	2.8	(0-30)	SW846 8260B
Benzene	**102**	**(75 - 129)**			**SW846 8260B**
	100	**(75 - 129)**	**2.8**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	59 a	(72 - 125)			SW846 8260B
	59 a	(72 - 125)	1.3	(0-30)	SW846 8260B
Bromoform	69	(43 - 149)			SW846 8260B
	70	(43 - 149)	1.0	(0-30)	SW846 8260B
Bromomethane	46	(24 - 152)			SW846 8260B
	39	(24 - 152)	17	(0-30)	SW846 8260B
2-Butanone	100	(27 - 200)			SW846 8260B
	103	(27 - 200)	3.7	(0-46)	SW846 8260B
Carbon disulfide	78	(50 - 137)			SW846 8260B
	78	(50 - 137)	0.11	(0-30)	SW846 8260B
Carbon tetrachloride	44 a	(57 - 137)			SW846 8260B
	45 a	(57 - 137)	0.42	(0-30)	SW846 8260B
Chlorobenzene	**102**	**(75 - 127)**			**SW846 8260B**
	104	**(75 - 127)**	**1.9**	**(0-22)**	**SW846 8260B**
Chloroethane	57	(31 - 144)			SW846 8260B
	55	(31 - 144)	2.5	(0-30)	SW846 8260B
Chloroform	96	(73 - 115)			SW846 8260B
	99	(73 - 115)	3.3	(0-30)	SW846 8260B
Chloromethane	65	(15 - 136)			SW846 8260B
	65	(15 - 136)	0.63	(0-30)	SW846 8260B
Cyclohexane	96	(50 - 150)			SW846 8260B
	93	(50 - 150)	3.6	(0-20)	SW846 8260B
Dibromochloromethane	39 a	(49 - 135)			SW846 8260B
	41 a	(49 - 135)	4.6	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	28 a	(50 - 150)			SW846 8260B
	31 a	(50 - 150)	8.5	(0-30)	SW846 8260B
1,2-Dibromoethane	56	(50 - 150)			SW846 8260B
	63	(50 - 150)	13	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-346 KJVVK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	101	(50 - 150)	0.60	(0-30)	SW846 8260B
1,3-Dichlorobenzene	99	(50 - 150)			SW846 8260B
	101	(50 - 150)	2.5	(0-20)	SW846 8260B
1,4-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	100	(50 - 150)	2.1	(0-20)	SW846 8260B
Dichlorodifluoromethane	46 a	(50 - 150)			SW846 8260B
	38 a	(50 - 150)	19	(0-20)	SW846 8260B
1,1-Dichloroethane	98	(77 - 119)			SW846 8260B
	97	(77 - 119)	0.83	(0-30)	SW846 8260B
1,2-Dichloroethane	92	(78 - 121)			SW846 8260B
	92	(78 - 121)	0.11	(0-30)	SW846 8260B
1,1-Dichloroethene	**82**	**(55 - 142)**			**SW846 8260B**
	85	**(55 - 142)**	**3.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	95	(77 - 114)			SW846 8260B
	95	(77 - 114)	0.030	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	93	(68 - 117)			SW846 8260B
	92	(68 - 117)	0.82	(0-30)	SW846 8260B
1,2-Dichloropropane	100	(78 - 116)			SW846 8260B
	102	(78 - 116)	1.5	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	59 a	(71 - 125)			SW846 8260B
	63 a	(71 - 125)	5.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	41 a	(67 - 125)			SW846 8260B
	45 a	(67 - 125)	9.6	(0-30)	SW846 8260B
Ethylbenzene	103	(79 - 114)			SW846 8260B
	105	(79 - 114)	1.6	(0-30)	SW846 8260B
2-Hexanone	78	(29 - 200)			SW846 8260B
	82	(29 - 200)	4.9	(0-41)	SW846 8260B
Isopropylbenzene	114	(50 - 150)			SW846 8260B
	115	(50 - 150)	0.82	(0-20)	SW846 8260B
Methyl acetate	92	(50 - 150)			SW846 8260B
	102	(50 - 150)	11	(0-20)	SW846 8260B
Methylene chloride	103	(58 - 130)			SW846 8260B
	100	(58 - 130)	3.2	(0-30)	SW846 8260B
Methylcyclohexane	92	(50 - 150)			SW846 8260B
	90	(50 - 150)	1.8	(0-20)	SW846 8260B
4-Methyl-2-pentanone	82	(68 - 142)			SW846 8260B
	79	(68 - 142)	2.9	(0-60)	SW846 8260B
Methyl tert-butyl ether	99	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.50	(0-30)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	105	(80 - 114)	0.52	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVVK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-346 KJVVK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	77	(70 - 133)			SW846 8260B
	78	(70 - 133)	1.6	(0-30)	SW846 8260B
Tetrachloroethene	101	(72 - 120)			SW846 8260B
	101	(72 - 120)	0.48	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	103	**(71 - 130)**	**1.2**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	102	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	68	(67 - 123)			SW846 8260B
	70	(67 - 123)	2.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	93	(82 - 116)			SW846 8260B
	98	(82 - 116)	5.2	(0-30)	SW846 8260B
Trichloroethene	**102**	**(70 - 131)**			**SW846 8260B**
	101	**(70 - 131)**	**0.88**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	58	(50 - 150)			SW846 8260B
	61	(50 - 150)	3.9	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	99	(50 - 150)			SW846 8260B
	88	(50 - 150)	12	(0-20)	SW846 8260B
Vinyl chloride	70	(24 - 152)			SW846 8260B
	67	(24 - 152)	5.6	(0-30)	SW846 8260B
Xylenes (total)	103	(80 - 114)			SW846 8260B
	105	(80 - 114)	2.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
	91	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	84	(61 - 130)
Toluene-d8	96	(60 - 143)
	94	(60 - 143)
4-Bromofluorobenzene	96	(47 - 158)
	94	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-347 KJVWK1AD-LCSD
Prep Date.....: 03/13/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079347
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	500	520	ug/kg	104		SW846 8260B
	500	510	ug/kg	102	1.6	SW846 8260B
1,3,5-Trimethylbenzene	500	510	ug/kg	102		SW846 8260B
	500	510	ug/kg	101	1.0	SW846 8260B
Acetone	500	430	ug/kg	86		SW846 8260B
	500	420	ug/kg	84	1.7	SW846 8260B
Benzene	**500**	**520**	**ug/kg**	**104**		**SW846 8260B**
	500	**510**	**ug/kg**	**102**	**1.8**	**SW846 8260B**
Bromodichloromethane	500	260 a	ug/kg	51		SW846 8260B
	500	260 a	ug/kg	53	3.7	SW846 8260B
Bromoform	500	330	ug/kg	66		SW846 8260B
	500	330	ug/kg	66	0.10	SW846 8260B
Bromomethane	500	250	ug/kg	50		SW846 8260B
	500	250	ug/kg	50	1.6	SW846 8260B
2-Butanone	500	530	ug/kg	105		SW846 8260B
	500	490	ug/kg	99	6.2	SW846 8260B
Carbon disulfide	500	420	ug/kg	84		SW846 8260B
	500	430	ug/kg	86	2.5	SW846 8260B
Carbon tetrachloride	500	210 a	ug/kg	42		SW846 8260B
	500	220 a	ug/kg	45	7.3	SW846 8260B
Chlorobenzene	**500**	**500**	**ug/kg**	**101**		**SW846 8260B**
	500	**490**	**ug/kg**	**98**	**2.6**	**SW846 8260B**
Chloroethane	500	300	ug/kg	60		SW846 8260B
	500	300	ug/kg	60	1.3	SW846 8260B
Chloroform	500	490	ug/kg	99		SW846 8260B
	500	490	ug/kg	98	0.38	SW846 8260B
Chloromethane	500	380	ug/kg	75		SW846 8260B
	500	380	ug/kg	76	1.7	SW846 8260B
Cyclohexane	500	490	ug/kg	99		SW846 8260B
	500	480	ug/kg	97	2.2	SW846 8260B
Dibromochloromethane	500	170 a	ug/kg	33		SW846 8260B
	500	170 a	ug/kg	34	3.1	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	130 a	ug/kg	26		SW846 8260B
	500	140 a	ug/kg	28	6.0	SW846 8260B
1,2-Dibromoethane	500	270	ug/kg	54		SW846 8260B
	500	290	ug/kg	58	6.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-347 KJVWK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	500	490	ug/kg	97		SW846 8260B
	500	490	ug/kg	97	0.090	SW846 8260B
1,3-Dichlorobenzene	500	480	ug/kg	97		SW846 8260B
	500	480	ug/kg	96	0.54	SW846 8260B
1,4-Dichlorobenzene	500	490	ug/kg	98		SW846 8260B
	500	480	ug/kg	97	1.0	SW846 8260B
Dichlorodifluoromethane	500	330	ug/kg	65		SW846 8260B
	500	270	ug/kg	55	18	SW846 8260B
1,1-Dichloroethane	500	500	ug/kg	100		SW846 8260B
	500	500	ug/kg	99	0.85	SW846 8260B
1,2-Dichloroethane	500	460	ug/kg	93		SW846 8260B
	500	460	ug/kg	91	1.8	SW846 8260B
1,1-Dichloroethene	**500**	**450**	**ug/kg**	**89**		**SW846 8260B**
	500	**440**	**ug/kg**	**88**	**1.3**	**SW846 8260B**
cis-1,2-Dichloroethene	500	490	ug/kg	98		SW846 8260B
	500	490	ug/kg	98	0.19	SW846 8260B
trans-1,2-Dichloroethene	500	490	ug/kg	98		SW846 8260B
	500	490	ug/kg	97	0.56	SW846 8260B
1,2-Dichloropropane	500	490	ug/kg	98		SW846 8260B
	500	490	ug/kg	98	0.10	SW846 8260B
cis-1,3-Dichloropropene	500	300 a	ug/kg	59		SW846 8260B
	500	310 a	ug/kg	63	5.3	SW846 8260B
trans-1,3-Dichloropropene	500	210 a	ug/kg	42		SW846 8260B
	500	220 a	ug/kg	44	4.2	SW846 8260B
Ethylbenzene	500	510	ug/kg	101		SW846 8260B
	500	500	ug/kg	100	1.1	SW846 8260B
2-Hexanone	500	390	ug/kg	78		SW846 8260B
	500	390	ug/kg	78	0.71	SW846 8260B
Isopropylbenzene	500	560	ug/kg	112		SW846 8260B
	500	540	ug/kg	109	3.0	SW846 8260B
Methyl acetate	500	480	ug/kg	97		SW846 8260B
	500	450	ug/kg	89	8.0	SW846 8260B
Methylene chloride	500	520	ug/kg	104		SW846 8260B
	500	510	ug/kg	101	3.2	SW846 8260B
Methylcyclohexane	500	460	ug/kg	93		SW846 8260B
	500	440	ug/kg	89	4.1	SW846 8260B
4-Methyl-2-pentanone	500	410	ug/kg	81		SW846 8260B
	500	400	ug/kg	80	1.2	SW846 8260B
Methyl tert-butyl ether	500	520	ug/kg	104		SW846 8260B
	500	500	ug/kg	101	2.7	SW846 8260B
Styrene	500	510	ug/kg	103		SW846 8260B
	500	500	ug/kg	101	2.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-347 KJVWK1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	500	350	ug/kg	70		SW846 8260B
	500	350	ug/kg	70	0.87	SW846 8260B
Tetrachloroethene	500	510	ug/kg	102		SW846 8260B
	500	470	ug/kg	95	7.1	SW846 8260B
Toluene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**500**	**ug/kg**	**99**	**2.3**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	520	ug/kg	105		SW846 8260B
	500	510	ug/kg	103	2.0	SW846 8260B
1,1,1-Trichloroethane	500	320 a	ug/kg	63		SW846 8260B
	500	340	ug/kg	68	7.4	SW846 8260B
1,1,2-Trichloroethane	500	460	ug/kg	91		SW846 8260B
	500	450	ug/kg	91	0.070	SW846 8260B
Trichloroethene	**500**	**510**	**ug/kg**	**103**		**SW846 8260B**
	500	**500**	**ug/kg**	**101**	**1.7**	**SW846 8260B**
Trichlorofluoromethane	500	340	ug/kg	68		SW846 8260B
	500	320	ug/kg	65	5.2	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	500	480	ug/kg	95		SW846 8260B
	500	490	ug/kg	98	3.0	SW846 8260B
Vinyl chloride	500	380	ug/kg	75		SW846 8260B
	500	380	ug/kg	77	2.0	SW846 8260B
Xylenes (total)	1500	1500	ug/kg	101		SW846 8260B
	1500	1500	ug/kg	99	2.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	102	(60 - 143)
	99	(60 - 143)
4-Bromofluorobenzene	104	(47 - 158)
	101	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-347 KJVWK1AD-LCSD
Prep Date.....: 03/13/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079347
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	102	(70 - 130)	1.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	102	(70 - 130)			SW846 8260B
	101	(70 - 130)	1.0	(0-30)	SW846 8260B
Acetone	86	(58 - 130)			SW846 8260B
	84	(58 - 130)	1.7	(0-30)	SW846 8260B
Benzene	**104**	**(75 - 129)**			**SW846 8260B**
	102	**(75 - 129)**	**1.8**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	51 a	(72 - 125)			SW846 8260B
	53 a	(72 - 125)	3.7	(0-30)	SW846 8260B
Bromoform	66	(43 - 149)			SW846 8260B
	66	(43 - 149)	0.10	(0-30)	SW846 8260B
Bromomethane	50	(24 - 152)			SW846 8260B
	50	(24 - 152)	1.6	(0-30)	SW846 8260B
2-Butanone	105	(27 - 200)			SW846 8260B
	99	(27 - 200)	6.2	(0-46)	SW846 8260B
Carbon disulfide	84	(50 - 137)			SW846 8260B
	86	(50 - 137)	2.5	(0-30)	SW846 8260B
Carbon tetrachloride	42 a	(57 - 137)			SW846 8260B
	45 a	(57 - 137)	7.3	(0-30)	SW846 8260B
Chlorobenzene	**101**	**(75 - 127)**			**SW846 8260B**
	98	**(75 - 127)**	**2.6**	**(0-22)**	**SW846 8260B**
Chloroethane	60	(31 - 144)			SW846 8260B
	60	(31 - 144)	1.3	(0-30)	SW846 8260B
Chloroform	99	(73 - 115)			SW846 8260B
	98	(73 - 115)	0.38	(0-30)	SW846 8260B
Chloromethane	75	(15 - 136)			SW846 8260B
	76	(15 - 136)	1.7	(0-30)	SW846 8260B
Cyclohexane	99	(50 - 150)			SW846 8260B
	97	(50 - 150)	2.2	(0-20)	SW846 8260B
Dibromochloromethane	33 a	(49 - 135)			SW846 8260B
	34 a	(49 - 135)	3.1	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	26 a	(50 - 150)			SW846 8260B
	28 a	(50 - 150)	6.0	(0-30)	SW846 8260B
1,2-Dibromoethane	54	(50 - 150)			SW846 8260B
	58	(50 - 150)	6.1	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-347 KJVWK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.090	(0-30)	SW846 8260B
1,3-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.54	(0-20)	SW846 8260B
1,4-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	97	(50 - 150)	1.0	(0-20)	SW846 8260B
Dichlorodifluoromethane	65	(50 - 150)			SW846 8260B
	55	(50 - 150)	18	(0-20)	SW846 8260B
1,1-Dichloroethane	100	(77 - 119)			SW846 8260B
	99	(77 - 119)	0.85	(0-30)	SW846 8260B
1,2-Dichloroethane	93	(78 - 121)			SW846 8260B
	91	(78 - 121)	1.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**89**	**(55 - 142)**			**SW846 8260B**
	88	**(55 - 142)**	**1.3**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	98	(77 - 114)			SW846 8260B
	98	(77 - 114)	0.19	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	98	(68 - 117)			SW846 8260B
	97	(68 - 117)	0.56	(0-30)	SW846 8260B
1,2-Dichloropropane	98	(78 - 116)			SW846 8260B
	98	(78 - 116)	0.10	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	59 a	(71 - 125)			SW846 8260B
	63 a	(71 - 125)	5.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	42 a	(67 - 125)			SW846 8260B
	44 a	(67 - 125)	4.2	(0-30)	SW846 8260B
Ethylbenzene	101	(79 - 114)			SW846 8260B
	100	(79 - 114)	1.1	(0-30)	SW846 8260B
2-Hexanone	78	(29 - 200)			SW846 8260B
	78	(29 - 200)	0.71	(0-41)	SW846 8260B
Isopropylbenzene	112	(50 - 150)			SW846 8260B
	109	(50 - 150)	3.0	(0-20)	SW846 8260B
Methyl acetate	97	(50 - 150)			SW846 8260B
	89	(50 - 150)	8.0	(0-20)	SW846 8260B
Methylene chloride	104	(58 - 130)			SW846 8260B
	101	(58 - 130)	3.2	(0-30)	SW846 8260B
Methylcyclohexane	93	(50 - 150)			SW846 8260B
	89	(50 - 150)	4.1	(0-20)	SW846 8260B
4-Methyl-2-pentanone	81	(68 - 142)			SW846 8260B
	80	(68 - 142)	1.2	(0-60)	SW846 8260B
Methyl tert-butyl ether	104	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.7	(0-30)	SW846 8260B
Styrene	103	(80 - 114)			SW846 8260B
	101	(80 - 114)	2.1	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVWK1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-347 KJVWK1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	70	(70 - 133)			SW846 8260B
	70	(70 - 133)	0.87	(0-30)	SW846 8260B
Tetrachloroethene	102	(72 - 120)			SW846 8260B
	95	(72 - 120)	7.1	(0-30)	SW846 8260B
Toluene	**102**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**2.3**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	105	(50 - 150)			SW846 8260B
	103	(50 - 150)	2.0	(0-20)	SW846 8260B
1,1,1-Trichloroethane	63 a	(67 - 123)			SW846 8260B
	68	(67 - 123)	7.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	91	(82 - 116)			SW846 8260B
	91	(82 - 116)	0.070	(0-30)	SW846 8260B
Trichloroethene	**103**	**(70 - 131)**			**SW846 8260B**
	101	**(70 - 131)**	**1.7**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	68	(50 - 150)			SW846 8260B
	65	(50 - 150)	5.2	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	95	(50 - 150)			SW846 8260B
	98	(50 - 150)	3.0	(0-20)	SW846 8260B
Vinyl chloride	75	(24 - 152)			SW846 8260B
	77	(24 - 152)	2.0	(0-30)	SW846 8260B
Xylenes (total)	101	(80 - 114)			SW846 8260B
	99	(80 - 114)	2.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
	97	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	102	(60 - 143)
	99	(60 - 143)
4-Bromofluorobenzene	104	(47 - 158)
	101	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-457 KJWHM1AD-LCSD
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079457
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	500	440	ug/kg	88		SW846 8260B
	500	430	ug/kg	86	2.2	SW846 8260B
1,3,5-Trimethylbenzene	500	440	ug/kg	88		SW846 8260B
	500	430	ug/kg	87	1.7	SW846 8260B
Acetone	500	380	ug/kg	75		SW846 8260B
	500	180 a,p	ug/kg	36	71	SW846 8260B
Benzene	**500**	**490**	**ug/kg**	**99**		**SW846 8260B**
	500	**480**	**ug/kg**	**97**	**2.0**	**SW846 8260B**
Bromodichloromethane	500	390	ug/kg	77		SW846 8260B
	500	340 a	ug/kg	67	14	SW846 8260B
Bromoform	500	370	ug/kg	74		SW846 8260B
	500	410	ug/kg	82	11	SW846 8260B
Bromomethane	500	320	ug/kg	63		SW846 8260B
	500	500 p	ug/kg	99	45	SW846 8260B
2-Butanone	500	410	ug/kg	82		SW846 8260B
	500	380	ug/kg	76	6.6	SW846 8260B
Carbon disulfide	500	320	ug/kg	64		SW846 8260B
	500	340	ug/kg	67	5.0	SW846 8260B
Carbon tetrachloride	500	330	ug/kg	66		SW846 8260B
	500	290	ug/kg	57	15	SW846 8260B
Chlorobenzene	**500**	**520**	**ug/kg**	**105**		**SW846 8260B**
	500	**550**	**ug/kg**	**109**	**4.3**	**SW846 8260B**
Chloroethane	500	410	ug/kg	83		SW846 8260B
	500	420	ug/kg	85	2.6	SW846 8260B
Chloroform	500	490	ug/kg	98		SW846 8260B
	500	510	ug/kg	101	2.9	SW846 8260B
Chloromethane	500	210	ug/kg	43		SW846 8260B
	500	230	ug/kg	46	6.2	SW846 8260B
Cyclohexane	500	340	ug/kg	67		SW846 8260B
	500	340	ug/kg	68	0.72	SW846 8260B
Dibromochloromethane	500	380	ug/kg	76		SW846 8260B
	500	330	ug/kg	66	13	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	380	ug/kg	76		SW846 8260B
	500	330	ug/kg	65	15	SW846 8260B
1,2-Dibromoethane	500	520	ug/kg	105		SW846 8260B
	500	480	ug/kg	96	9.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-457 KJWHM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	500	500	ug/kg	99		SW846 8260B
	500	500	ug/kg	101	1.2	SW846 8260B
1,3-Dichlorobenzene	500	480	ug/kg	97		SW846 8260B
	500	480	ug/kg	97	0.12	SW846 8260B
1,4-Dichlorobenzene	500	460	ug/kg	93		SW846 8260B
	500	480	ug/kg	97	4.2	SW846 8260B
Dichlorodifluoromethane	500	310	ug/kg	62		SW846 8260B
	500	310	ug/kg	63	1.6	SW846 8260B
1,1-Dichloroethane	500	450	ug/kg	91		SW846 8260B
	500	440	ug/kg	89	2.3	SW846 8260B
1,2-Dichloroethane	500	510	ug/kg	102		SW846 8260B
	500	490	ug/kg	98	3.8	SW846 8260B
1,1-Dichloroethene	**500**	**560**	**ug/kg**	**113**		**SW846 8260B**
	500	**580**	**ug/kg**	**115**	**2.5**	**SW846 8260B**
cis-1,2-Dichloroethene	500	440	ug/kg	87		SW846 8260B
	500	420	ug/kg	84	3.4	SW846 8260B
trans-1,2-Dichloroethene	500	510	ug/kg	103		SW846 8260B
	500	540	ug/kg	107	4.1	SW846 8260B
1,2-Dichloropropane	500	440	ug/kg	87		SW846 8260B
	500	430	ug/kg	86	1.3	SW846 8260B
cis-1,3-Dichloropropene	500	390	ug/kg	78		SW846 8260B
	500	370	ug/kg	74	4.9	SW846 8260B
trans-1,3-Dichloropropene	500	370	ug/kg	75		SW846 8260B
	500	350	ug/kg	71	5.4	SW846 8260B
Ethylbenzene	500	510	ug/kg	102		SW846 8260B
	500	510	ug/kg	101	0.59	SW846 8260B
2-Hexanone	500	320	ug/kg	64		SW846 8260B
	500	330	ug/kg	67	3.7	SW846 8260B
Isopropylbenzene	500	470	ug/kg	94		SW846 8260B
	500	480	ug/kg	95	0.71	SW846 8260B
Methyl acetate	500	520	ug/kg	104		SW846 8260B
	500	430	ug/kg	85	19	SW846 8260B
Methylene chloride	500	580	ug/kg	116		SW846 8260B
	500	620	ug/kg	124	6.2	SW846 8260B
Methylcyclohexane	500	380	ug/kg	75		SW846 8260B
	500	380	ug/kg	76	0.99	SW846 8260B
4-Methyl-2-pentanone	500	410	ug/kg	81		SW846 8260B
	500	350	ug/kg	71	14	SW846 8260B
Methyl tert-butyl ether	500	540	ug/kg	107		SW846 8260B
	500	550	ug/kg	109	2.2	SW846 8260B
Styrene	500	450	ug/kg	90		SW846 8260B
	500	470	ug/kg	94	4.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-457 KJWHM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	500	470	ug/kg	93		SW846 8260B
	500	460	ug/kg	93	0.54	SW846 8260B
Tetrachloroethene	500	520	ug/kg	104		SW846 8260B
	500	550	ug/kg	110	5.5	SW846 8260B
Toluene	**500**	**520**	**ug/kg**	**105**		**SW846 8260B**
	500	**530**	**ug/kg**	**106**	**1.1**	**SW846 8260B**
1,2,4-Trichloro-benzene	500	430	ug/kg	85		SW846 8260B
	500	400	ug/kg	79	7.4	SW846 8260B
1,1,1-Trichloroethane	500	360	ug/kg	72		SW846 8260B
	500	350	ug/kg	70	3.0	SW846 8260B
1,1,2-Trichloroethane	500	530	ug/kg	107		SW846 8260B
	500	490	ug/kg	98	8.3	SW846 8260B
Trichloroethene	**500**	**570**	**ug/kg**	**114**		**SW846 8260B**
	500	**570**	**ug/kg**	**115**	**1.0**	**SW846 8260B**
Trichlorofluoromethane	500	400	ug/kg	81		SW846 8260B
	500	380	ug/kg	76	5.6	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	500	700	ug/kg	140		SW846 8260B
	500	710	ug/kg	143	2.2	SW846 8260B
Vinyl chloride	500	330	ug/kg	65		SW846 8260B
	500	340	ug/kg	68	4.4	SW846 8260B
Xylenes (total)	1500	1300	ug/kg	89		SW846 8260B
	1500	1300	ug/kg	90	1.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(59 - 138)
	112	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
	102	(61 - 130)
Toluene-d8	115	(60 - 143)
	119	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)
	113	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-457 KJWHM1AD-LCSD
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079457
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 10 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	88	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	88	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.7	(0-30)	SW846 8260B
Acetone	75	(58 - 130)			SW846 8260B
	36 a,p	(58 - 130)	71	(0-30)	SW846 8260B
Benzene	**99**	**(75 - 129)**			**SW846 8260B**
	97	**(75 - 129)**	**2.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	77	(72 - 125)			SW846 8260B
	67 a	(72 - 125)	14	(0-30)	SW846 8260B
Bromoform	74	(43 - 149)			SW846 8260B
	82	(43 - 149)	11	(0-30)	SW846 8260B
Bromomethane	63	(24 - 152)			SW846 8260B
	99 p	(24 - 152)	45	(0-30)	SW846 8260B
2-Butanone	82	(27 - 200)			SW846 8260B
	76	(27 - 200)	6.6	(0-46)	SW846 8260B
Carbon disulfide	64	(50 - 137)			SW846 8260B
	67	(50 - 137)	5.0	(0-30)	SW846 8260B
Carbon tetrachloride	66	(57 - 137)			SW846 8260B
	57	(57 - 137)	15	(0-30)	SW846 8260B
Chlorobenzene	**105**	**(75 - 127)**			**SW846 8260B**
	109	**(75 - 127)**	**4.3**	**(0-22)**	**SW846 8260B**
Chloroethane	83	(31 - 144)			SW846 8260B
	85	(31 - 144)	2.6	(0-30)	SW846 8260B
Chloroform	98	(73 - 115)			SW846 8260B
	101	(73 - 115)	2.9	(0-30)	SW846 8260B
Chloromethane	43	(15 - 136)			SW846 8260B
	46	(15 - 136)	6.2	(0-30)	SW846 8260B
Cyclohexane	67	(50 - 150)			SW846 8260B
	68	(50 - 150)	0.72	(0-20)	SW846 8260B
Dibromochloromethane	76	(49 - 135)			SW846 8260B
	66	(49 - 135)	13	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	76	(50 - 150)			SW846 8260B
	65	(50 - 150)	15	(0-30)	SW846 8260B
1,2-Dibromoethane	105	(50 - 150)			SW846 8260B
	96	(50 - 150)	9.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-457 KJWHM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	99	(50 - 150)			SW846 8260B
	101	(50 - 150)	1.2	(0-30)	SW846 8260B
1,3-Dichlorobenzene	97	(50 - 150)			SW846 8260B
	97	(50 - 150)	0.12	(0-20)	SW846 8260B
1,4-Dichlorobenzene	93	(50 - 150)			SW846 8260B
	97	(50 - 150)	4.2	(0-20)	SW846 8260B
Dichlorodifluoromethane	62	(50 - 150)			SW846 8260B
	63	(50 - 150)	1.6	(0-20)	SW846 8260B
1,1-Dichloroethane	91	(77 - 119)			SW846 8260B
	89	(77 - 119)	2.3	(0-30)	SW846 8260B
1,2-Dichloroethane	102	(78 - 121)			SW846 8260B
	98	(78 - 121)	3.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**113**	**(55 - 142)**			**SW846 8260B**
	115	**(55 - 142)**	**2.5**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	87	(77 - 114)			SW846 8260B
	84	(77 - 114)	3.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	103	(68 - 117)			SW846 8260B
	107	(68 - 117)	4.1	(0-30)	SW846 8260B
1,2-Dichloropropane	87	(78 - 116)			SW846 8260B
	86	(78 - 116)	1.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	78	(71 - 125)			SW846 8260B
	74	(71 - 125)	4.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	75	(67 - 125)			SW846 8260B
	71	(67 - 125)	5.4	(0-30)	SW846 8260B
Ethylbenzene	102	(79 - 114)			SW846 8260B
	101	(79 - 114)	0.59	(0-30)	SW846 8260B
2-Hexanone	64	(29 - 200)			SW846 8260B
	67	(29 - 200)	3.7	(0-41)	SW846 8260B
Isopropylbenzene	94	(50 - 150)			SW846 8260B
	95	(50 - 150)	0.71	(0-20)	SW846 8260B
Methyl acetate	104	(50 - 150)			SW846 8260B
	85	(50 - 150)	19	(0-20)	SW846 8260B
Methylene chloride	116	(58 - 130)			SW846 8260B
	124	(58 - 130)	6.2	(0-30)	SW846 8260B
Methylcyclohexane	75	(50 - 150)			SW846 8260B
	76	(50 - 150)	0.99	(0-20)	SW846 8260B
4-Methyl-2-pentanone	81	(68 - 142)			SW846 8260B
	71	(68 - 142)	14	(0-60)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	109	(70 - 130)	2.2	(0-30)	SW846 8260B
Styrene	90	(80 - 114)			SW846 8260B
	94	(80 - 114)	4.2	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWHM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A8C190000-457 KJWHM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	93	(70 - 133)			SW846 8260B
	93	(70 - 133)	0.54	(0-30)	SW846 8260B
Tetrachloroethene	104	(72 - 120)			SW846 8260B
	110	(72 - 120)	5.5	(0-30)	SW846 8260B
Toluene	**105**	**(71 - 130)**			**SW846 8260B**
	106	**(71 - 130)**	**1.1**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	85	(50 - 150)			SW846 8260B
	79	(50 - 150)	7.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	72	(67 - 123)			SW846 8260B
	70	(67 - 123)	3.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	107	(82 - 116)			SW846 8260B
	98	(82 - 116)	8.3	(0-30)	SW846 8260B
Trichloroethene	**114**	**(70 - 131)**			**SW846 8260B**
	115	**(70 - 131)**	**1.0**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	81	(50 - 150)			SW846 8260B
	76	(50 - 150)	5.6	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	140	(50 - 150)			SW846 8260B
	143	(50 - 150)	2.2	(0-20)	SW846 8260B
Vinyl chloride	65	(24 - 152)			SW846 8260B
	68	(24 - 152)	4.4	(0-30)	SW846 8260B
Xylenes (total)	89	(80 - 114)			SW846 8260B
	90	(80 - 114)	1.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(59 - 138)
	112	(59 - 138)
1,2-Dichloroethane-d4	102	(61 - 130)
	102	(61 - 130)
Toluene-d8	115	(60 - 143)
	119	(60 - 143)
4-Bromofluorobenzene	108	(47 - 158)
	113	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EE-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EF-MSD
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8074407
Dilution Factor: 0.75 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	42	40	ug/kg	95		SW846 8260B
	ND	44	48	ug/kg	109	18	SW846 8260B
Benzene	**ND**	**42**	**36**	**ug/kg**	**85**		**SW846 8260B**
	ND	**44**	**42**	**ug/kg**	**95**	**15**	**SW846 8260B**
Bromodichloromethane	ND	42	35	ug/kg	82		SW846 8260B
	ND	44	37	ug/kg	85	7.4	SW846 8260B
Bromoform	ND	42	30	ug/kg	70		SW846 8260B
	ND	44	32	ug/kg	74	8.8	SW846 8260B
Bromomethane	ND	42	33	ug/kg	79		SW846 8260B
	ND	44	40	ug/kg	91	19	SW846 8260B
2-Butanone	ND	42	38	ug/kg	90		SW846 8260B
	ND	44	43	ug/kg	98	12	SW846 8260B
Carbon disulfide	ND	42	37	ug/kg	86		SW846 8260B
	ND	44	46	ug/kg	105	23	SW846 8260B
Carbon tetrachloride	ND	42	39	ug/kg	91		SW846 8260B
	ND	44	46	ug/kg	105	17	SW846 8260B
Chlorobenzene	**ND**	**42**	**32**	**ug/kg**	**76**		**SW846 8260B**
	ND	**44**	**43**	**ug/kg**	**97 p**	**27**	**SW846 8260B**
Dibromochloromethane	ND	42	32	ug/kg	77		SW846 8260B
	ND	44	43	ug/kg	97	27	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	42	25	ug/kg	59		SW846 8260B
	ND	44	44	ug/kg	100 p	55	SW846 8260B
Chloroethane	ND	42	34	ug/kg	80		SW846 8260B
	ND	44	41	ug/kg	94	19	SW846 8260B
Chloroform	ND	42	37	ug/kg	87		SW846 8260B
	ND	44	43	ug/kg	97	15	SW846 8260B
Chloromethane	ND	42	34	ug/kg	81		SW846 8260B
	ND	44	41	ug/kg	94	18	SW846 8260B
Cyclohexane	ND	42	33	ug/kg	79		SW846 8260B
	ND	44	41	ug/kg	92	19	SW846 8260B
1,2-Dibromoethane	ND	42	32	ug/kg	76		SW846 8260B
	ND	44	41	ug/kg	93 p	24	SW846 8260B
1,2-Dichlorobenzene	ND	42	25	ug/kg	58		SW846 8260B
	ND	44	40	ug/kg	91 p	48	SW846 8260B
1,3-Dichlorobenzene	ND	42	25	ug/kg	60		SW846 8260B
	ND	44	48	ug/kg	109 p	61	SW846 8260B
1,4-Dichlorobenzene	ND	42	25	ug/kg	59		SW846 8260B
	ND	44	41	ug/kg	92 p	48	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EE-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	42	33	ug/kg	77		SW846 8260B
	ND	44	39	ug/kg	89	18	SW846 8260B
1,1-Dichloroethane	ND	42	38	ug/kg	90		SW846 8260B
	ND	44	45	ug/kg	102	17	SW846 8260B
1,2-Dichloroethane	ND	42	36	ug/kg	84		SW846 8260B
	ND	44	40	ug/kg	91	11	SW846 8260B
1,1-Dichloroethene	**ND**	**42**	**40**	**ug/kg**	**95**		**SW846 8260B**
	ND	**44**	**48**	**ug/kg**	**109**	**18**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	42	37	ug/kg	87		SW846 8260B
	ND	44	44	ug/kg	99	17	SW846 8260B
trans-1,2-Dichloroethene	ND	42	38	ug/kg	89		SW846 8260B
	ND	44	46	ug/kg	105	20	SW846 8260B
1,2-Dichloropropane	ND	42	35	ug/kg	83		SW846 8260B
	ND	44	40	ug/kg	90	12	SW846 8260B
cis-1,3-Dichloropropene	ND	42	32	ug/kg	76		SW846 8260B
	ND	44	34	ug/kg	78	5.2	SW846 8260B
trans-1,3-Dichloropropene	ND	42	32	ug/kg	74		SW846 8260B
	ND	44	42	ug/kg	95	28	SW846 8260B
Ethylbenzene	ND	42	34	ug/kg	81		SW846 8260B
	ND	44	49	ug/kg	111	35	SW846 8260B
Trichlorofluoromethane	ND	42	39	ug/kg	93		SW846 8260B
	ND	44	48	ug/kg	109	20	SW846 8260B
2-Hexanone	ND	42	35	ug/kg	83		SW846 8260B
	ND	44	47	ug/kg	106	28	SW846 8260B
Isopropylbenzene	ND	42	39	ug/kg	92		SW846 8260B
	ND	44	56	ug/kg	128 p	36	SW846 8260B
Methyl acetate	ND	42	36	ug/kg	85		SW846 8260B
	ND	44	43	ug/kg	98	17	SW846 8260B
Methylcyclohexane	ND	42	34	ug/kg	80		SW846 8260B
	ND	44	41	ug/kg	94	20	SW846 8260B
Methylene chloride	ND	42	36	ug/kg	84		SW846 8260B
	ND	44	42	ug/kg	93	14	SW846 8260B
4-Methyl-2-pentanone	ND	42	37	ug/kg	87		SW846 8260B
	ND	44	38	ug/kg	87	3.8	SW846 8260B
Styrene	ND	42	32	ug/kg	76		SW846 8260B
	ND	44	38	ug/kg	86	17	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	42	29	ug/kg	69		SW846 8260B
	ND	44	66	ug/kg	149	77	SW846 8260B
Tetrachloroethene	ND	42	35	ug/kg	83		SW846 8260B
	ND	44	55	ug/kg	124	43	SW846 8260B
Toluene	**ND**	**42**	**35**	**ug/kg**	**82**		**SW846 8260B**
	ND	**44**	**53**	**ug/kg**	**120 p**	**41**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EE-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	42	16	ug/kg	38 a		SW846 8260B
	ND	44	20	ug/kg	46 a,p	23	SW846 8260B
1,1,1-Trichloroethane	ND	42	38	ug/kg	90		SW846 8260B
	ND	44	46	ug/kg	105	20	SW846 8260B
1,1,2-Trichloroethane	ND	42	34	ug/kg	79		SW846 8260B
	ND	44	46	ug/kg	104	31	SW846 8260B
Trichloroethene	**ND**	**42**	**35**	**ug/kg**	**83**		**SW846 8260B**
	ND	**44**	**41**	**ug/kg**	**94**	**16**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	42	48	ug/kg	113		SW846 8260B
	ND	44	57	ug/kg	129	17	SW846 8260B
1,2,4-Trimethylbenzene	ND	42	31	ug/kg	72		SW846 8260B
	ND	44	71	ug/kg	162	80	SW846 8260B
	Qualifiers: a,p						
1,3,5-Trimethylbenzene	ND	42	32	ug/kg	76		SW846 8260B
	ND	44	80	ug/kg	182	86	SW846 8260B
	Qualifiers: a,p						
Vinyl chloride	ND	42	35	ug/kg	83		SW846 8260B
	ND	44	42	ug/kg	95	17	SW846 8260B
Xylenes (total)	ND	130	100	ug/kg	81		SW846 8260B
	ND	130	140	ug/kg	109	33	SW846 8260B
Methyl tert-butyl ether	ND	42	42	ug/kg	100		SW846 8260B
	ND	44	48	ug/kg	109	12	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	76	(59 - 138)
	76	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
	81	(61 - 130)
Toluene-d8	78	(60 - 143)
	67	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	63	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EE-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EF-MSD
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8074407
Dilution Factor: 0.75 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	95	(10 - 200)			SW846 8260B
	109	(10 - 200)	18	(0-66)	SW846 8260B
Benzene	**85**	**(55 - 138)**			**SW846 8260B**
	95	**(55 - 138)**	**15**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	82	(47 - 131)			SW846 8260B
	85	(47 - 131)	7.4	(0-51)	SW846 8260B
Bromoform	70	(26 - 141)			SW846 8260B
	74	(26 - 141)	8.8	(0-64)	SW846 8260B
Bromomethane	79	(15 - 152)			SW846 8260B
	91	(15 - 152)	19	(0-72)	SW846 8260B
2-Butanone	90	(21 - 195)			SW846 8260B
	98	(21 - 195)	12	(0-60)	SW846 8260B
Carbon disulfide	86	(27 - 149)			SW846 8260B
	105	(27 - 149)	23	(0-73)	SW846 8260B
Carbon tetrachloride	91	(32 - 143)			SW846 8260B
	105	(32 - 143)	17	(0-68)	SW846 8260B
Chlorobenzene	**76**	**(49 - 139)**			**SW846 8260B**
	97 p	**(49 - 139)**	**27**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	77	(44 - 135)			SW846 8260B
	97	(44 - 135)	27	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	59	(50 - 150)			SW846 8260B
	100 p	(50 - 150)	55	(0-20)	SW846 8260B
Chloroethane	80	(32 - 140)			SW846 8260B
	94	(32 - 140)	19	(0-66)	SW846 8260B
Chloroform	87	(59 - 128)			SW846 8260B
	97	(59 - 128)	15	(0-46)	SW846 8260B
Chloromethane	81	(28 - 130)			SW846 8260B
	94	(28 - 130)	18	(0-81)	SW846 8260B
Cyclohexane	79	(50 - 150)			SW846 8260B
	92	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dibromoethane	76	(50 - 150)			SW846 8260B
	93 p	(50 - 150)	24	(0-20)	SW846 8260B
1,2-Dichlorobenzene	58	(50 - 150)			SW846 8260B
	91 p	(50 - 150)	48	(0-20)	SW846 8260B
1,3-Dichlorobenzene	60	(50 - 150)			SW846 8260B
	109 p	(50 - 150)	61	(0-20)	SW846 8260B
1,4-Dichlorobenzene	59	(50 - 150)			SW846 8260B
	92 p	(50 - 150)	48	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EE-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	77	(50 - 150)			SW846 8260B
	89	(50 - 150)	18	(0-20)	SW846 8260B
1,1-Dichloroethane	90	(56 - 130)			SW846 8260B
	102	(56 - 130)	17	(0-54)	SW846 8260B
1,2-Dichloroethane	84	(56 - 126)			SW846 8260B
	91	(56 - 126)	11	(0-38)	SW846 8260B
1,1-Dichloroethene	**95**	**(43 - 147)**			**SW846 8260B**
	109	**(43 - 147)**	**18**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	87	(48 - 127)			SW846 8260B
	99	(48 - 127)	17	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	89	(47 - 127)			SW846 8260B
	105	(47 - 127)	20	(0-58)	SW846 8260B
1,2-Dichloropropane	83	(54 - 125)			SW846 8260B
	90	(54 - 125)	12	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	76	(30 - 138)			SW846 8260B
	78	(30 - 138)	5.2	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	74	(34 - 134)			SW846 8260B
	95	(34 - 134)	28	(0-57)	SW846 8260B
Ethylbenzene	81	(36 - 133)			SW846 8260B
	111	(36 - 133)	35	(0-72)	SW846 8260B
Trichlorofluoromethane	93	(50 - 150)			SW846 8260B
	109	(50 - 150)	20	(0-20)	SW846 8260B
2-Hexanone	83	(20 - 190)			SW846 8260B
	106	(20 - 190)	28	(0-70)	SW846 8260B
Isopropylbenzene	92	(50 - 150)			SW846 8260B
	128 p	(50 - 150)	36	(0-20)	SW846 8260B
Methyl acetate	85	(50 - 150)			SW846 8260B
	98	(50 - 150)	17	(0-20)	SW846 8260B
Methylcyclohexane	80	(50 - 150)			SW846 8260B
	94	(50 - 150)	20	(0-20)	SW846 8260B
Methylene chloride	84	(45 - 129)			SW846 8260B
	93	(45 - 129)	14	(0-49)	SW846 8260B
4-Methyl-2-pentanone	87	(42 - 143)			SW846 8260B
	87	(42 - 143)	3.8	(0-60)	SW846 8260B
Styrene	76	(23 - 136)			SW846 8260B
	86	(23 - 136)	17	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	69	(33 - 162)			SW846 8260B
	149	(33 - 162)	77	(0-90)	SW846 8260B
Tetrachloroethene	83	(31 - 137)			SW846 8260B
	124	(31 - 137)	43	(0-81)	SW846 8260B
Toluene	**82**	**(46 - 147)**			**SW846 8260B**
	120 p	**(46 - 147)**	**41**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EE-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	38 a	(50 - 150)			SW846 8260B
	46 a,p	(50 - 150)	23	(0-20)	SW846 8260B
1,1,1-Trichloroethane	90	(48 - 132)			SW846 8260B
	105	(48 - 132)	20	(0-57)	SW846 8260B
1,1,2-Trichloroethane	79	(58 - 128)			SW846 8260B
	104	(58 - 128)	31	(0-52)	SW846 8260B
Trichloroethene	**83**	**(46 - 143)**			**SW846 8260B**
	94	**(46 - 143)**	**16**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	113	(50 - 150)			SW846 8260B
	129	(50 - 150)	17	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	72	(70 - 130)			SW846 8260B
	162 a,p	(70 - 130)	80	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	76	(70 - 130)			SW846 8260B
	182 a,p	(70 - 130)	86	(0-30)	SW846 8260B
Vinyl chloride	83	(30 - 136)			SW846 8260B
	95	(30 - 136)	17	(0-80)	SW846 8260B
Xylenes (total)	81	(33 - 135)			SW846 8260B
	109	(33 - 135)	33	(0-78)	SW846 8260B
Methyl tert-butyl ether	100	(70 - 130)			SW846 8260B
	109	(70 - 130)	12	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	76	(59 - 138)
	76	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
	81	(61 - 130)
Toluene-d8	78	(60 - 143)
	67	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)
	63	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFL11AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C120252-005 KJFL11AQ-MSD
Date Sampled...: 03/11/08 09:15 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	31	52	85	ug/kg	105		SW846 8260B
	31	52	85	ug/kg	105	0.36	SW846 8260B
Benzene	**ND**	**52**	**50**	**ug/kg**	**97**		**SW846 8260B**
	ND	**52**	**48**	**ug/kg**	**92**	**4.8**	**SW846 8260B**
Bromodichloromethane	ND	52	41	ug/kg	79		SW846 8260B
	ND	52	36	ug/kg	70	13	SW846 8260B
Bromoform	ND	52	47	ug/kg	92		SW846 8260B
	ND	52	46	ug/kg	89	2.4	SW846 8260B
Bromomethane	ND	52	44	ug/kg	85		SW846 8260B
	ND	52	41	ug/kg	80	5.8	SW846 8260B
2-Butanone	ND	52	55	ug/kg	107		SW846 8260B
	ND	52	53	ug/kg	102	5.2	SW846 8260B
Carbon disulfide	ND	52	45	ug/kg	87		SW846 8260B
	ND	52	38	ug/kg	73	17	SW846 8260B
Carbon tetrachloride	ND	52	51	ug/kg	99		SW846 8260B
	ND	52	49	ug/kg	95	4.7	SW846 8260B
Chlorobenzene	**ND**	**52**	**52**	**ug/kg**	**100**		**SW846 8260B**
	ND	**52**	**49**	**ug/kg**	**95**	**5.5**	**SW846 8260B**
Dibromochloromethane	ND	52	44	ug/kg	86		SW846 8260B
	ND	52	41	ug/kg	80	7.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	52	15	ug/kg	28 a		SW846 8260B
	ND	52	13	ug/kg	25 a	12	SW846 8260B
Chloroethane	ND	52	44	ug/kg	86		SW846 8260B
	ND	52	43	ug/kg	83	3.6	SW846 8260B
Chloroform	ND	52	51	ug/kg	99		SW846 8260B
	ND	52	48	ug/kg	93	5.5	SW846 8260B
Chloromethane	ND	52	43	ug/kg	83		SW846 8260B
	ND	52	43	ug/kg	83	0.21	SW846 8260B
Cyclohexane	ND	52	45	ug/kg	87		SW846 8260B
	ND	52	43	ug/kg	83	4.6	SW846 8260B
1,2-Dibromoethane	ND	52	52	ug/kg	100		SW846 8260B
	ND	52	50	ug/kg	97	3.6	SW846 8260B
1,2-Dichlorobenzene	ND	52	49	ug/kg	95		SW846 8260B
	ND	52	46	ug/kg	90	5.0	SW846 8260B
1,3-Dichlorobenzene	ND	52	49	ug/kg	95		SW846 8260B
	ND	52	48	ug/kg	93	2.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFL11AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C120252-005 KJFL11AQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dichlorobenzene	ND	52	48	ug/kg	94		SW846 8260B
	ND	52	46	ug/kg	89	5.3	SW846 8260B
Dichlorodifluoromethane	ND	52	41	ug/kg	80		SW846 8260B
	ND	52	41	ug/kg	80	0.17	SW846 8260B
1,1-Dichloroethane	ND	52	51	ug/kg	99		SW846 8260B
	ND	52	49	ug/kg	95	4.2	SW846 8260B
1,2-Dichloroethane	ND	52	51	ug/kg	98		SW846 8260B
	ND	52	49	ug/kg	95	3.7	SW846 8260B
1,1-Dichloroethene	**ND**	**52**	**77**	**ug/kg**	**149 a**		**SW846 8260B**
	ND	**52**	**76**	**ug/kg**	**147**	**1.5**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	52	52	ug/kg	100		SW846 8260B
	ND	52	50	ug/kg	96	4.1	SW846 8260B
trans-1,2-Dichloroethene	ND	52	51	ug/kg	99		SW846 8260B
	ND	52	48	ug/kg	93	6.1	SW846 8260B
1,2-Dichloropropane	ND	52	50	ug/kg	96		SW846 8260B
	ND	52	48	ug/kg	92	4.4	SW846 8260B
cis-1,3-Dichloropropene	ND	52	50	ug/kg	98		SW846 8260B
	ND	52	48	ug/kg	92	5.7	SW846 8260B
trans-1,3-Dichloropropene	ND	52	53	ug/kg	102		SW846 8260B
	ND	52	50	ug/kg	97	5.1	SW846 8260B
Ethylbenzene	ND	52	53	ug/kg	102		SW846 8260B
	ND	52	50	ug/kg	97	5.4	SW846 8260B
Trichlorofluoromethane	ND	52	52	ug/kg	101		SW846 8260B
	ND	52	49	ug/kg	96	5.4	SW846 8260B
2-Hexanone	ND	52	57	ug/kg	111		SW846 8260B
	ND	52	56	ug/kg	109	2.1	SW846 8260B
Isopropylbenzene	ND	52	59	ug/kg	114		SW846 8260B
	ND	52	56	ug/kg	109	4.7	SW846 8260B
Methyl acetate	ND	52		ug/kg	0.0		SW846 8260B
	ND	52		ug/kg	0.0	0.0	SW846 8260B
Methylcyclohexane	ND	52	50	ug/kg	97		SW846 8260B
	ND	52	46	ug/kg	89	8.9	SW846 8260B
Methylene chloride	1.9	52	47	ug/kg	87		SW846 8260B
	1.9	52	46	ug/kg	85	1.7	SW846 8260B
4-Methyl-2-pentanone	ND	52	55	ug/kg	106		SW846 8260B
	ND	52	54	ug/kg	104	1.8	SW846 8260B
Styrene	ND	52	53	ug/kg	104		SW846 8260B
	ND	52	51	ug/kg	99	4.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	52		ug/kg	0.0		SW846 8260B
	ND	52		ug/kg	0.0	0.0	SW846 8260B
Tetrachloroethene	4.1	52	58	ug/kg	103		SW846 8260B
	4.1	52	52	ug/kg	93	10	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFL11AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C120252-005 KJFL11AQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Toluene	**0.33**	**52**	**51**	**ug/kg**	**99**		**SW846 8260B**
	0.33	**52**	**48**	**ug/kg**	**93**	**6.2**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	52	53	ug/kg	102		SW846 8260B
	ND	52	50	ug/kg	96	5.8	SW846 8260B
1,1,1-Trichloroethane	ND	52	51	ug/kg	99		SW846 8260B
	ND	52	49	ug/kg	94	4.7	SW846 8260B
1,1,2-Trichloroethane	ND	52	18	ug/kg	34 a		SW846 8260B
	ND	52	14	ug/kg	27 a	26	SW846 8260B
Trichloroethene	**0.80**	**52**	**96**	**ug/kg**	**184 a**		**SW846 8260B**
	0.80	**52**	**93**	**ug/kg**	**179 a**	**2.5**	**SW846 8260B**
	ND	52	58	ug/kg	113	4.0	SW846 8260B
1,2,4-Trimethylbenzene	ND	52	52	ug/kg	100		SW846 8260B
	ND	52	50	ug/kg	95	5.0	SW846 8260B
1,3,5-Trimethylbenzene	ND	52	52	ug/kg	101		SW846 8260B
	ND	52	49	ug/kg	95	6.2	SW846 8260B
Vinyl chloride	ND	52	45	ug/kg	87		SW846 8260B
	ND	52	45	ug/kg	87	1.0	SW846 8260B
Xylenes (total)	ND	150	160	ug/kg	102		SW846 8260B
	ND	150	150	ug/kg	97	4.5	SW846 8260B
Methyl tert-butyl ether	ND	52	55	ug/kg	106		SW846 8260B
	ND	52	54	ug/kg	105	1.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	17 *	(59 - 138)
	14 *	(59 - 138)
1,2-Dichloroethane-d4	76	(61 - 130)
	76	(61 - 130)
Toluene-d8	75	(60 - 143)
	78	(60 - 143)
4-Bromofluorobenzene	86	(47 - 158)
	87	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFL11AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C120252-005 KJFL11AQ-MSD
Date Sampled...: 03/11/08 09:15 **Date Received..:** 03/12/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8077283
Dilution Factor: 1 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 3.1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	105	(10 - 200)			SW846 8260B
	105	(10 - 200)	0.36	(0-66)	SW846 8260B
Benzene	**97**	**(55 - 138)**			**SW846 8260B**
	92	**(55 - 138)**	**4.8**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	79	(47 - 131)			SW846 8260B
	70	(47 - 131)	13	(0-51)	SW846 8260B
Bromoform	92	(26 - 141)			SW846 8260B
	89	(26 - 141)	2.4	(0-64)	SW846 8260B
Bromomethane	85	(15 - 152)			SW846 8260B
	80	(15 - 152)	5.8	(0-72)	SW846 8260B
2-Butanone	107	(21 - 195)			SW846 8260B
	102	(21 - 195)	5.2	(0-60)	SW846 8260B
Carbon disulfide	87	(27 - 149)			SW846 8260B
	73	(27 - 149)	17	(0-73)	SW846 8260B
Carbon tetrachloride	99	(32 - 143)			SW846 8260B
	95	(32 - 143)	4.7	(0-68)	SW846 8260B
Chlorobenzene	**100**	**(49 - 139)**			**SW846 8260B**
	95	**(49 - 139)**	**5.5**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	86	(44 - 135)			SW846 8260B
	80	(44 - 135)	7.6	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	28 a	(50 - 150)			SW846 8260B
	25 a	(50 - 150)	12	(0-20)	SW846 8260B
Chloroethane	86	(32 - 140)			SW846 8260B
	83	(32 - 140)	3.6	(0-66)	SW846 8260B
Chloroform	99	(59 - 128)			SW846 8260B
	93	(59 - 128)	5.5	(0-46)	SW846 8260B
Chloromethane	83	(28 - 130)			SW846 8260B
	83	(28 - 130)	0.21	(0-81)	SW846 8260B
Cyclohexane	87	(50 - 150)			SW846 8260B
	83	(50 - 150)	4.6	(0-20)	SW846 8260B
1,2-Dibromoethane	100	(50 - 150)			SW846 8260B
	97	(50 - 150)	3.6	(0-20)	SW846 8260B
1,2-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	90	(50 - 150)	5.0	(0-20)	SW846 8260B
1,3-Dichlorobenzene	95	(50 - 150)			SW846 8260B
	93	(50 - 150)	2.5	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFL11AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C120252-005 KJFL11AQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	94	(50 - 150)			SW846 8260B
	89	(50 - 150)	5.3	(0-20)	SW846 8260B
Dichlorodifluoromethane	80	(50 - 150)			SW846 8260B
	80	(50 - 150)	0.17	(0-20)	SW846 8260B
1,1-Dichloroethane	99	(56 - 130)			SW846 8260B
	95	(56 - 130)	4.2	(0-54)	SW846 8260B
1,2-Dichloroethane	98	(56 - 126)			SW846 8260B
	95	(56 - 126)	3.7	(0-38)	SW846 8260B
1,1-Dichloroethene	**149 a**	**(43 - 147)**			**SW846 8260B**
	147	**(43 - 147)**	**1.5**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	100	(48 - 127)			SW846 8260B
	96	(48 - 127)	4.1	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	99	(47 - 127)			SW846 8260B
	93	(47 - 127)	6.1	(0-58)	SW846 8260B
1,2-Dichloropropane	96	(54 - 125)			SW846 8260B
	92	(54 - 125)	4.4	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	98	(30 - 138)			SW846 8260B
	92	(30 - 138)	5.7	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	102	(34 - 134)			SW846 8260B
	97	(34 - 134)	5.1	(0-57)	SW846 8260B
Ethylbenzene	102	(36 - 133)			SW846 8260B
	97	(36 - 133)	5.4	(0-72)	SW846 8260B
Trichlorofluoromethane	101	(50 - 150)			SW846 8260B
	96	(50 - 150)	5.4	(0-20)	SW846 8260B
2-Hexanone	111	(20 - 190)			SW846 8260B
	109	(20 - 190)	2.1	(0-70)	SW846 8260B
Isopropylbenzene	114	(50 - 150)			SW846 8260B
	109	(50 - 150)	4.7	(0-20)	SW846 8260B
Methyl acetate	0.0	(50 - 150)			SW846 8260B
	0.0	(50 - 150)	0.0	(0-20)	SW846 8260B
Methylcyclohexane	97	(50 - 150)			SW846 8260B
	89	(50 - 150)	8.9	(0-20)	SW846 8260B
Methylene chloride	87	(45 - 129)			SW846 8260B
	85	(45 - 129)	1.7	(0-49)	SW846 8260B
4-Methyl-2-pentanone	106	(42 - 143)			SW846 8260B
	104	(42 - 143)	1.8	(0-60)	SW846 8260B
Styrene	104	(23 - 136)			SW846 8260B
	99	(23 - 136)	4.8	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	0.0	(33 - 162)			SW846 8260B
	0.0	(33 - 162)	0.0	(0-90)	SW846 8260B
Tetrachloroethene	103	(31 - 137)			SW846 8260B
	93	(31 - 137)	10	(0-81)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFL11AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C120252-005 KJFL11AQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**99**	**(46 - 147)**			**SW846 8260B**
	93	**(46 - 147)**	**6.2**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	102	(50 - 150)			SW846 8260B
	96	(50 - 150)	5.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	99	(48 - 132)			SW846 8260B
	94	(48 - 132)	4.7	(0-57)	SW846 8260B
1,1,2-Trichloroethane	34 a	(58 - 128)			SW846 8260B
	27 a	(58 - 128)	26	(0-52)	SW846 8260B
Trichloroethene	**184 a**	**(46 - 143)**			**SW846 8260B**
	179 a	**(46 - 143)**	**2.5**	**(0-23)**	**SW846 8260B**
	113	(50 - 150)	4.0	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	95	(70 - 130)	5.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	101	(70 - 130)			SW846 8260B
	95	(70 - 130)	6.2	(0-30)	SW846 8260B
Vinyl chloride	87	(30 - 136)			SW846 8260B
	87	(30 - 136)	1.0	(0-80)	SW846 8260B
Xylenes (total)	102	(33 - 135)			SW846 8260B
	97	(33 - 135)	4.5	(0-78)	SW846 8260B
Methyl tert-butyl ether	106	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.3	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	17 *	(59 - 138)
	14 *	(59 - 138)
1,2-Dichloroethane-d4	76	(61 - 130)
	76	(61 - 130)
Toluene-d8	75	(60 - 143)
	78	(60 - 143)
4-Bromofluorobenzene	86	(47 - 158)
	87	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461GG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461GH-MSD
Date Sampled...: 03/10/08 13:25 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.89 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 14

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	30	52	67	ug/kg	71		SW846 8260B
	30	59	99	ug/kg	116	38	SW846 8260B
Benzene	**ND**	**52**	**54**	**ug/kg**	**105**		**SW846 8260B**
	ND	**59**	**60**	**ug/kg**	**102**	**9.6**	**SW846 8260B**
Bromodichloromethane	ND	52	54	ug/kg	105		SW846 8260B
	ND	59	60	ug/kg	102	10	SW846 8260B
Bromoform	ND	52	52	ug/kg	101		SW846 8260B
	ND	59	59	ug/kg	100	12	SW846 8260B
Bromomethane	ND	52	51	ug/kg	98		SW846 8260B
	ND	59	59	ug/kg	100	15	SW846 8260B
2-Butanone	4.6	52	52	ug/kg	92		SW846 8260B
	4.6	59	64	ug/kg	100	20	SW846 8260B
Carbon disulfide	ND	52	63	ug/kg	121		SW846 8260B
	ND	59	70	ug/kg	118	11	SW846 8260B
Carbon tetrachloride	ND	52	59	ug/kg	113		SW846 8260B
	ND	59	64	ug/kg	108	8.4	SW846 8260B
Chlorobenzene	**ND**	**52**	**57**	**ug/kg**	**109**		**SW846 8260B**
	ND	**59**	**61**	**ug/kg**	**103**	**7.5**	**SW846 8260B**
Dibromochloromethane	ND	52	55	ug/kg	105		SW846 8260B
	ND	59	60	ug/kg	101	9.1	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	52	48	ug/kg	93		SW846 8260B
	ND	59	53	ug/kg	90	11	SW846 8260B
Chloroethane	ND	52	52	ug/kg	100		SW846 8260B
	ND	59	59	ug/kg	100	12	SW846 8260B
Chloroform	ND	52	56	ug/kg	107		SW846 8260B
	ND	59	62	ug/kg	105	11	SW846 8260B
Chloromethane	ND	52	49	ug/kg	95		SW846 8260B
	ND	59	56	ug/kg	94	12	SW846 8260B
Cyclohexane	ND	52	52	ug/kg	99		SW846 8260B
	ND	59	57	ug/kg	96	9.3	SW846 8260B
1,2-Dibromoethane	ND	52	53	ug/kg	103		SW846 8260B
	ND	59	60	ug/kg	101	11	SW846 8260B
1,2-Dichlorobenzene	ND	52	51	ug/kg	98		SW846 8260B
	ND	59	55	ug/kg	93	7.5	SW846 8260B
1,3-Dichlorobenzene	ND	52	55	ug/kg	106		SW846 8260B
	ND	59	60	ug/kg	101	7.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461GG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461GH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dichlorobenzene	ND	52	53	ug/kg	102		SW846 8260B
	ND	59	57	ug/kg	96	7.1	SW846 8260B
Dichlorodifluoromethane	ND	52	48	ug/kg	92		SW846 8260B
	ND	59	53	ug/kg	89	9.4	SW846 8260B
1,1-Dichloroethane	ND	52	57	ug/kg	110		SW846 8260B
	ND	59	62	ug/kg	106	8.9	SW846 8260B
1,2-Dichloroethane	ND	52	55	ug/kg	106		SW846 8260B
	ND	59	60	ug/kg	102	9.4	SW846 8260B
1,1-Dichloroethene	**ND**	**52**	**63**	**ug/kg**	**122**		**SW846 8260B**
	ND	**59**	**70**	**ug/kg**	**119**	**10**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	52	56	ug/kg	108		SW846 8260B
	ND	59	63	ug/kg	106	11	SW846 8260B
trans-1,2-Dichloroethene	ND	52	58	ug/kg	111		SW846 8260B
	ND	59	63	ug/kg	106	8.5	SW846 8260B
1,2-Dichloropropane	ND	52	53	ug/kg	102		SW846 8260B
	ND	59	59	ug/kg	100	11	SW846 8260B
cis-1,3-Dichloropropene	ND	52	54	ug/kg	103		SW846 8260B
	ND	59	61	ug/kg	103	13	SW846 8260B
trans-1,3-Dichloropropene	ND	52	57	ug/kg	109		SW846 8260B
	ND	59	62	ug/kg	106	9.6	SW846 8260B
Ethylbenzene	ND	52	58	ug/kg	111		SW846 8260B
	ND	59	62	ug/kg	106	7.6	SW846 8260B
Trichlorofluoromethane	ND	52	57	ug/kg	109		SW846 8260B
	ND	59	66	ug/kg	111	15	SW846 8260B
2-Hexanone	ND	52	53	ug/kg	101		SW846 8260B
	ND	59	60	ug/kg	102	14	SW846 8260B
Isopropylbenzene	ND	52	67	ug/kg	129		SW846 8260B
	ND	59	70	ug/kg	119	5.2	SW846 8260B
Methyl acetate	ND	52	50	ug/kg	96		SW846 8260B
	ND	59	59	ug/kg	100	16	SW846 8260B
Methylcyclohexane	ND	52	55	ug/kg	106		SW846 8260B
	ND	59	60	ug/kg	101	7.7	SW846 8260B
Methylene chloride	1.6	52	54	ug/kg	102		SW846 8260B
	1.6	59	61	ug/kg	100	11	SW846 8260B
4-Methyl-2-pentanone	ND	52	52	ug/kg	100		SW846 8260B
	ND	59	60	ug/kg	102	14	SW846 8260B
Styrene	ND	52	59	ug/kg	114		SW846 8260B
	ND	59	62	ug/kg	106	5.7	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	52	52	ug/kg	99		SW846 8260B
	ND	59	57	ug/kg	96	10	SW846 8260B
Tetrachloroethene	ND	52	58	ug/kg	113		SW846 8260B
	ND	59	64	ug/kg	108	8.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461GG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461GH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Toluene	**ND**	**52**	**56**	**ug/kg**	**107**		**SW846 8260B**
	ND	**59**	**60**	**ug/kg**	**102**	**7.6**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	52	44	ug/kg	85		SW846 8260B
	ND	59	47	ug/kg	79	6.5	SW846 8260B
1,1,1-Trichloroethane	ND	52	59	ug/kg	114		SW846 8260B
	ND	59	64	ug/kg	108	8.0	SW846 8260B
1,1,2-Trichloroethane	ND	52	52	ug/kg	101		SW846 8260B
	ND	59	57	ug/kg	97	9.6	SW846 8260B
Trichloroethene	**ND**	**52**	**57**	**ug/kg**	**109**		**SW846 8260B**
	ND	**59**	**62**	**ug/kg**	**104**	**8.4**	**SW846 8260B**
	ND	59	79	ug/kg	135	8.1	SW846 8260B
1,2,4-Trimethylbenzene	ND	52	60	ug/kg	115		SW846 8260B
	ND	59	62	ug/kg	106	4.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	52	60	ug/kg	116		SW846 8260B
	ND	59	63	ug/kg	107	5.0	SW846 8260B
Vinyl chloride	ND	52	55	ug/kg	106		SW846 8260B
	ND	59	59	ug/kg	99	6.7	SW846 8260B
Xylenes (total)	ND	160	180	ug/kg	114		SW846 8260B
	ND	180	190	ug/kg	106	6.2	SW846 8260B
Methyl tert-butyl ether	ND	52	59	ug/kg	113		SW846 8260B
	ND	59	65	ug/kg	110	9.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	70	(59 - 138)
	69	(59 - 138)
1,2-Dichloroethane-d4	71	(61 - 130)
	71	(61 - 130)
Toluene-d8	72	(60 - 143)
	72	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	92	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461GG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461GH-MSD
Date Sampled...: 03/10/08 13:25 **Date Received..:** 03/11/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8078216
Dilution Factor: 0.89 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 14

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	71	(10 - 200)			SW846 8260B
	116	(10 - 200)	38	(0-66)	SW846 8260B
Benzene	**105**	**(55 - 138)**			**SW846 8260B**
	102	**(55 - 138)**	**9.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	105	(47 - 131)			SW846 8260B
	102	(47 - 131)	10	(0-51)	SW846 8260B
Bromoform	101	(26 - 141)			SW846 8260B
	100	(26 - 141)	12	(0-64)	SW846 8260B
Bromomethane	98	(15 - 152)			SW846 8260B
	100	(15 - 152)	15	(0-72)	SW846 8260B
2-Butanone	92	(21 - 195)			SW846 8260B
	100	(21 - 195)	20	(0-60)	SW846 8260B
Carbon disulfide	121	(27 - 149)			SW846 8260B
	118	(27 - 149)	11	(0-73)	SW846 8260B
Carbon tetrachloride	113	(32 - 143)			SW846 8260B
	108	(32 - 143)	8.4	(0-68)	SW846 8260B
Chlorobenzene	**109**	**(49 - 139)**			**SW846 8260B**
	103	**(49 - 139)**	**7.5**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	105	(44 - 135)			SW846 8260B
	101	(44 - 135)	9.1	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	93	(50 - 150)			SW846 8260B
	90	(50 - 150)	11	(0-20)	SW846 8260B
Chloroethane	100	(32 - 140)			SW846 8260B
	100	(32 - 140)	12	(0-66)	SW846 8260B
Chloroform	107	(59 - 128)			SW846 8260B
	105	(59 - 128)	11	(0-46)	SW846 8260B
Chloromethane	95	(28 - 130)			SW846 8260B
	94	(28 - 130)	12	(0-81)	SW846 8260B
Cyclohexane	99	(50 - 150)			SW846 8260B
	96	(50 - 150)	9.3	(0-20)	SW846 8260B
1,2-Dibromoethane	103	(50 - 150)			SW846 8260B
	101	(50 - 150)	11	(0-20)	SW846 8260B
1,2-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	93	(50 - 150)	7.5	(0-20)	SW846 8260B
1,3-Dichlorobenzene	106	(50 - 150)			SW846 8260B
	101	(50 - 150)	7.5	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461GG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461GH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	102	(50 - 150)			SW846 8260B
	96	(50 - 150)	7.1	(0-20)	SW846 8260B
Dichlorodifluoromethane	92	(50 - 150)			SW846 8260B
	89	(50 - 150)	9.4	(0-20)	SW846 8260B
1,1-Dichloroethane	110	(56 - 130)			SW846 8260B
	106	(56 - 130)	8.9	(0-54)	SW846 8260B
1,2-Dichloroethane	106	(56 - 126)			SW846 8260B
	102	(56 - 126)	9.4	(0-38)	SW846 8260B
1,1-Dichloroethene	**122**	**(43 - 147)**			**SW846 8260B**
	119	**(43 - 147)**	**10**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	108	(48 - 127)			SW846 8260B
	106	(48 - 127)	11	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	111	(47 - 127)			SW846 8260B
	106	(47 - 127)	8.5	(0-58)	SW846 8260B
1,2-Dichloropropane	102	(54 - 125)			SW846 8260B
	100	(54 - 125)	11	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	103	(30 - 138)			SW846 8260B
	103	(30 - 138)	13	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	109	(34 - 134)			SW846 8260B
	106	(34 - 134)	9.6	(0-57)	SW846 8260B
Ethylbenzene	111	(36 - 133)			SW846 8260B
	106	(36 - 133)	7.6	(0-72)	SW846 8260B
Trichlorofluoromethane	109	(50 - 150)			SW846 8260B
	111	(50 - 150)	15	(0-20)	SW846 8260B
2-Hexanone	101	(20 - 190)			SW846 8260B
	102	(20 - 190)	14	(0-70)	SW846 8260B
Isopropylbenzene	129	(50 - 150)			SW846 8260B
	119	(50 - 150)	5.2	(0-20)	SW846 8260B
Methyl acetate	96	(50 - 150)			SW846 8260B
	100	(50 - 150)	16	(0-20)	SW846 8260B
Methylcyclohexane	106	(50 - 150)			SW846 8260B
	101	(50 - 150)	7.7	(0-20)	SW846 8260B
Methylene chloride	102	(45 - 129)			SW846 8260B
	100	(45 - 129)	11	(0-49)	SW846 8260B
4-Methyl-2-pentanone	100	(42 - 143)			SW846 8260B
	102	(42 - 143)	14	(0-60)	SW846 8260B
Styrene	114	(23 - 136)			SW846 8260B
	106	(23 - 136)	5.7	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	99	(33 - 162)			SW846 8260B
	96	(33 - 162)	10	(0-90)	SW846 8260B
Tetrachloroethene	113	(31 - 137)			SW846 8260B
	108	(31 - 137)	8.9	(0-81)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461GG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461GH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**107**	**(46 - 147)**			**SW846 8260B**
	102	**(46 - 147)**	**7.6**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	85	(50 - 150)			SW846 8260B
	79	(50 - 150)	6.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	114	(48 - 132)			SW846 8260B
	108	(48 - 132)	8.0	(0-57)	SW846 8260B
1,1,2-Trichloroethane	101	(58 - 128)			SW846 8260B
	97	(58 - 128)	9.6	(0-52)	SW846 8260B
Trichloroethene	**109**	**(46 - 143)**			**SW846 8260B**
	104	**(46 - 143)**	**8.4**	**(0-23)**	**SW846 8260B**
	135	(50 - 150)	8.1	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	115	(70 - 130)			SW846 8260B
	106	(70 - 130)	4.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	116	(70 - 130)			SW846 8260B
	107	(70 - 130)	5.0	(0-30)	SW846 8260B
Vinyl chloride	106	(30 - 136)			SW846 8260B
	99	(30 - 136)	6.7	(0-80)	SW846 8260B
Xylenes (total)	114	(33 - 135)			SW846 8260B
	106	(33 - 135)	6.2	(0-78)	SW846 8260B
Methyl tert-butyl ether	113	(70 - 130)			SW846 8260B
	110	(70 - 130)	9.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	70	(59 - 138)
	69	(59 - 138)
1,2-Dichloroethane-d4	71	(61 - 130)
	71	(61 - 130)
Toluene-d8	72	(60 - 143)
	72	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	92	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJVN1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130332-008 KJJVN1AD-MSD
Date Sampled...: 03/13/08 09:15 **Date Received..:** 03/13/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 0.91 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 17

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	55	64	ug/kg	117		SW846 8260B
	ND	44	47	ug/kg	106	31	SW846 8260B
Benzene	**ND**	**55**	**53**	**ug/kg**	**96**		**SW846 8260B**
	ND	**44**	**38**	**ug/kg**	**87 p**	**31**	**SW846 8260B**
Bromodichloromethane	ND	55	52	ug/kg	95		SW846 8260B
	ND	44	39	ug/kg	89	28	SW846 8260B
Bromoform	ND	55	51	ug/kg	94		SW846 8260B
	ND	44	38	ug/kg	86	30	SW846 8260B
Bromomethane	ND	55	54	ug/kg	98		SW846 8260B
	ND	44	34	ug/kg	76	46	SW846 8260B
2-Butanone	ND	55	58	ug/kg	106		SW846 8260B
	ND	44	41	ug/kg	93	34	SW846 8260B
Carbon disulfide	ND	55	58	ug/kg	106		SW846 8260B
	ND	44	38	ug/kg	86	42	SW846 8260B
Carbon tetrachloride	ND	55	60	ug/kg	109		SW846 8260B
	ND	44	41	ug/kg	92	38	SW846 8260B
Chlorobenzene	**ND**	**55**	**49**	**ug/kg**	**90**		**SW846 8260B**
	ND	**44**	**37**	**ug/kg**	**83 p**	**28**	**SW846 8260B**
Dibromochloromethane	ND	55	52	ug/kg	94		SW846 8260B
	ND	44	40	ug/kg	91	24	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	55	51	ug/kg	93		SW846 8260B
	ND	44	35	ug/kg	80 p	36	SW846 8260B
Chloroethane	ND	55	53	ug/kg	98		SW846 8260B
	ND	44	34	ug/kg	76	46	SW846 8260B
Chloroform	ND	55	55	ug/kg	101		SW846 8260B
	ND	44	41	ug/kg	92	31	SW846 8260B
Chloromethane	ND	55	48	ug/kg	87		SW846 8260B
	ND	44	34	ug/kg	76	35	SW846 8260B
Cyclohexane	ND	55	51	ug/kg	94		SW846 8260B
	ND	44	35	ug/kg	79 p	39	SW846 8260B
1,2-Dibromoethane	ND	55	53	ug/kg	98		SW846 8260B
	ND	44	39	ug/kg	89 p	31	SW846 8260B
1,2-Dichlorobenzene	ND	55	43	ug/kg	78		SW846 8260B
	ND	44	31	ug/kg	71 p	31	SW846 8260B
1,3-Dichlorobenzene	ND	55	45	ug/kg	83		SW846 8260B
	ND	44	32	ug/kg	73 p	34	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJVN1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130332-008 KJJVN1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,4-Dichlorobenzene	ND	55	42	ug/kg	76		SW846 8260B
	ND	44	31	ug/kg	70 p	30	SW846 8260B
Dichlorodifluoromethane	ND	55	46	ug/kg	85		SW846 8260B
	ND	44	30	ug/kg	68 p	43	SW846 8260B
1,1-Dichloroethane	ND	55	57	ug/kg	104		SW846 8260B
	ND	44	41	ug/kg	92	33	SW846 8260B
1,2-Dichloroethane	ND	55	54	ug/kg	99		SW846 8260B
	ND	44	40	ug/kg	90	30	SW846 8260B
1,1-Dichloroethene	**ND**	**55**	**62**	**ug/kg**	**113**		**SW846 8260B**
	ND	**44**	**41**	**ug/kg**	**94 p**	**39**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	55	54	ug/kg	98		SW846 8260B
	ND	44	40	ug/kg	91	29	SW846 8260B
trans-1,2-Dichloroethene	ND	55	55	ug/kg	101		SW846 8260B
	ND	44	39	ug/kg	89	34	SW846 8260B
1,2-Dichloropropane	ND	55	52	ug/kg	96		SW846 8260B
	ND	44	40	ug/kg	90	27	SW846 8260B
cis-1,3-Dichloropropene	ND	55	48	ug/kg	88		SW846 8260B
	ND	44	38	ug/kg	87	22	SW846 8260B
trans-1,3-Dichloropropene	ND	55	49	ug/kg	90		SW846 8260B
	ND	44	40	ug/kg	90	21	SW846 8260B
Ethylbenzene	ND	55	54	ug/kg	99		SW846 8260B
	ND	44	39	ug/kg	88	33	SW846 8260B
Trichlorofluoromethane	ND	55	58	ug/kg	106		SW846 8260B
	ND	44	40	ug/kg	89 p	38	SW846 8260B
2-Hexanone	ND	55	57	ug/kg	105		SW846 8260B
	ND	44	42	ug/kg	95	31	SW846 8260B
Isopropylbenzene	ND	55	62	ug/kg	114		SW846 8260B
	ND	44	43	ug/kg	98 p	36	SW846 8260B
Methyl acetate	ND	55	62	ug/kg	113		SW846 8260B
	ND	44	41	ug/kg	93 p	40	SW846 8260B
Methylcyclohexane	ND	55	53	ug/kg	97		SW846 8260B
	ND	44	37	ug/kg	83 p	37	SW846 8260B
Methylene chloride	2.2	55	56	ug/kg	99		SW846 8260B
	2.2	44	38	ug/kg	81	38	SW846 8260B
4-Methyl-2-pentanone	ND	55	58	ug/kg	106		SW846 8260B
	ND	44	42	ug/kg	96	31	SW846 8260B
Styrene	ND	55	46	ug/kg	85		SW846 8260B
	ND	44	36	ug/kg	82	24	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	55	57	ug/kg	105		SW846 8260B
	ND	44	37	ug/kg	84	43	SW846 8260B
Tetrachloroethene	1.4	55	64	ug/kg	114		SW846 8260B
	1.4	44	40	ug/kg	88	45	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJVN1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130332-008 KJJVN1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Toluene	**ND**	**55**	**53**	**ug/kg**	**98**		**SW846 8260B**
	ND	**44**	**38**	**ug/kg**	**87 p**	**33**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	55	26	ug/kg	48 a		SW846 8260B
	ND	44	26	ug/kg	58	1.8	SW846 8260B
1,1,1-Trichloroethane	ND	55	59	ug/kg	108		SW846 8260B
	ND	44	41	ug/kg	93	36	SW846 8260B
1,1,2-Trichloroethane	ND	55	53	ug/kg	96		SW846 8260B
	ND	44	39	ug/kg	87	31	SW846 8260B
Trichloroethene	**2.5**	**55**	**63**	**ug/kg**	**110**		**SW846 8260B**
	2.5	**44**	**41**	**ug/kg**	**87 p**	**42**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	55	72	ug/kg	131		SW846 8260B
	ND	44	47	ug/kg	107 p	41	SW846 8260B
1,2,4-Trimethylbenzene	ND	55	54	ug/kg	99		SW846 8260B
	ND	44	36	ug/kg	82 p	40	SW846 8260B
1,3,5-Trimethylbenzene	ND	55	57	ug/kg	105		SW846 8260B
	ND	44	37	ug/kg	84 p	43	SW846 8260B
Vinyl chloride	ND	55	52	ug/kg	96		SW846 8260B
	ND	44	35	ug/kg	78	41	SW846 8260B
Xylenes (total)	ND	160	160	ug/kg	99		SW846 8260B
	ND	130	110	ug/kg	86	35	SW846 8260B
Methyl tert-butyl ether	ND	55	61	ug/kg	111		SW846 8260B
	ND	44	45	ug/kg	101	30	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	78	(59 - 138)
	79	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	87	(61 - 130)
Toluene-d8	76	(60 - 143)
	79	(60 - 143)
4-Bromofluorobenzene	79	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJVN1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130332-008 KJJVN1AD-MSD
Date Sampled...: 03/13/08 09:15 **Date Received..:** 03/13/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8079248
Dilution Factor: 0.91 **Initial Wgt/Vol:** 5 g **Final Wgt/Vol..:** 5 mL
% Moisture.....: 17

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	117	(10 - 200)			SW846 8260B
	106	(10 - 200)	31	(0-66)	SW846 8260B
Benzene	**96**	**(55 - 138)**			**SW846 8260B**
	87 p	**(55 - 138)**	**31**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	95	(47 - 131)			SW846 8260B
	89	(47 - 131)	28	(0-51)	SW846 8260B
Bromoform	94	(26 - 141)			SW846 8260B
	86	(26 - 141)	30	(0-64)	SW846 8260B
Bromomethane	98	(15 - 152)			SW846 8260B
	76	(15 - 152)	46	(0-72)	SW846 8260B
2-Butanone	106	(21 - 195)			SW846 8260B
	93	(21 - 195)	34	(0-60)	SW846 8260B
Carbon disulfide	106	(27 - 149)			SW846 8260B
	86	(27 - 149)	42	(0-73)	SW846 8260B
Carbon tetrachloride	109	(32 - 143)			SW846 8260B
	92	(32 - 143)	38	(0-68)	SW846 8260B
Chlorobenzene	**90**	**(49 - 139)**			**SW846 8260B**
	83 p	**(49 - 139)**	**28**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	94	(44 - 135)			SW846 8260B
	91	(44 - 135)	24	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	93	(50 - 150)			SW846 8260B
	80 p	(50 - 150)	36	(0-20)	SW846 8260B
Chloroethane	98	(32 - 140)			SW846 8260B
	76	(32 - 140)	46	(0-66)	SW846 8260B
Chloroform	101	(59 - 128)			SW846 8260B
	92	(59 - 128)	31	(0-46)	SW846 8260B
Chloromethane	87	(28 - 130)			SW846 8260B
	76	(28 - 130)	35	(0-81)	SW846 8260B
Cyclohexane	94	(50 - 150)			SW846 8260B
	79 p	(50 - 150)	39	(0-20)	SW846 8260B
1,2-Dibromoethane	98	(50 - 150)			SW846 8260B
	89 p	(50 - 150)	31	(0-20)	SW846 8260B
1,2-Dichlorobenzene	78	(50 - 150)			SW846 8260B
	71 p	(50 - 150)	31	(0-20)	SW846 8260B
1,3-Dichlorobenzene	83	(50 - 150)			SW846 8260B
	73 p	(50 - 150)	34	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJVN1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130332-008 KJJVN1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,4-Dichlorobenzene	76	(50 - 150)			SW846 8260B
	70 p	(50 - 150)	30	(0-20)	SW846 8260B
Dichlorodifluoromethane	85	(50 - 150)			SW846 8260B
	68 p	(50 - 150)	43	(0-20)	SW846 8260B
1,1-Dichloroethane	104	(56 - 130)			SW846 8260B
	92	(56 - 130)	33	(0-54)	SW846 8260B
1,2-Dichloroethane	99	(56 - 126)			SW846 8260B
	90	(56 - 126)	30	(0-38)	SW846 8260B
1,1-Dichloroethene	**113**	**(43 - 147)**			**SW846 8260B**
	94 p	**(43 - 147)**	**39**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	98	(48 - 127)			SW846 8260B
	91	(48 - 127)	29	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	101	(47 - 127)			SW846 8260B
	89	(47 - 127)	34	(0-58)	SW846 8260B
1,2-Dichloropropane	96	(54 - 125)			SW846 8260B
	90	(54 - 125)	27	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	88	(30 - 138)			SW846 8260B
	87	(30 - 138)	22	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	90	(34 - 134)			SW846 8260B
	90	(34 - 134)	21	(0-57)	SW846 8260B
Ethylbenzene	99	(36 - 133)			SW846 8260B
	88	(36 - 133)	33	(0-72)	SW846 8260B
Trichlorofluoromethane	106	(50 - 150)			SW846 8260B
	89 p	(50 - 150)	38	(0-20)	SW846 8260B
2-Hexanone	105	(20 - 190)			SW846 8260B
	95	(20 - 190)	31	(0-70)	SW846 8260B
Isopropylbenzene	114	(50 - 150)			SW846 8260B
	98 p	(50 - 150)	36	(0-20)	SW846 8260B
Methyl acetate	113	(50 - 150)			SW846 8260B
	93 p	(50 - 150)	40	(0-20)	SW846 8260B
Methylcyclohexane	97	(50 - 150)			SW846 8260B
	83 p	(50 - 150)	37	(0-20)	SW846 8260B
Methylene chloride	99	(45 - 129)			SW846 8260B
	81	(45 - 129)	38	(0-49)	SW846 8260B
4-Methyl-2-pentanone	106	(42 - 143)			SW846 8260B
	96	(42 - 143)	31	(0-60)	SW846 8260B
Styrene	85	(23 - 136)			SW846 8260B
	82	(23 - 136)	24	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(33 - 162)			SW846 8260B
	84	(33 - 162)	43	(0-90)	SW846 8260B
Tetrachloroethene	114	(31 - 137)			SW846 8260B
	88	(31 - 137)	45	(0-81)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJVN1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130332-008 KJJVN1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toluene	**98**	**(46 - 147)**			**SW846 8260B**
	87 p	**(46 - 147)**	**33**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	48 a	(50 - 150)			SW846 8260B
	58	(50 - 150)	1.8	(0-20)	SW846 8260B
1,1,1-Trichloroethane	108	(48 - 132)			SW846 8260B
	93	(48 - 132)	36	(0-57)	SW846 8260B
1,1,2-Trichloroethane	96	(58 - 128)			SW846 8260B
	87	(58 - 128)	31	(0-52)	SW846 8260B
Trichloroethene	**110**	**(46 - 143)**			**SW846 8260B**
	87 p	**(46 - 143)**	**42**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	131	(50 - 150)			SW846 8260B
	107 p	(50 - 150)	41	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	99	(70 - 130)			SW846 8260B
	82 p	(70 - 130)	40	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	105	(70 - 130)			SW846 8260B
	84 p	(70 - 130)	43	(0-30)	SW846 8260B
Vinyl chloride	96	(30 - 136)			SW846 8260B
	78	(30 - 136)	41	(0-80)	SW846 8260B
Xylenes (total)	99	(33 - 135)			SW846 8260B
	86	(33 - 135)	35	(0-78)	SW846 8260B
Methyl tert-butyl ether	111	(70 - 130)			SW846 8260B
	101	(70 - 130)	30	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	78	(59 - 138)
	79	(59 - 138)
1,2-Dichloroethane-d4	87	(61 - 130)
	87	(61 - 130)
Toluene-d8	76	(60 - 143)
	79	(60 - 143)
4-Bromofluorobenzene	79	(47 - 158)
	84	(47 - 158)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

TestAmerica
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GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA1A5 **Matrix.....:** SO
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 15 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	31
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.9	ug/kg	1.5
Acenaphthylene	ND	7.9	ug/kg	1.4
Acetophenone	ND	120	ug/kg	31
Anthracene	ND	7.9	ug/kg	1.5
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	ND	7.9	ug/kg	1.1
Benzo(a)pyrene	ND	7.9	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.9	ug/kg	1.4
Benzo(ghi)perylene	ND	7.9	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.9	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	59	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	**66**	**59**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	59	ug/kg	25
Butyl benzyl phthalate	ND	59	ug/kg	22
Caprolactam	ND	390	ug/kg	44
Carbazole	ND	59	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	59	ug/kg	26
2-Chlorophenol	ND	59	ug/kg	31
4-Chlorophenyl phenyl ether	ND	59	ug/kg	28
Chrysene	ND	7.9	ug/kg	1.1
Dibenz(a,h)anthracene	ND	7.9	ug/kg	1.5
Dibenzofuran	ND	59	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	59	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	59	ug/kg	25
Di-n-butyl phthalate	ND	59	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	98
2,4-Dinitrotoluene	ND	240	ug/kg	21
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	59	ug/kg	21
Fluoranthene	ND	7.9	ug/kg	1.4
Fluorene	ND	7.9	ug/kg	1.4
Hexachlorobenzene	ND	7.9	ug/kg	2.5
Hexachlorobutadiene	ND	59	ug/kg	31
Hexachlorocyclopentadiene	ND	390	ug/kg	19
Hexachloroethane	ND	59	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.9	ug/kg	1.8
Isophorone	ND	59	ug/kg	25
2-Methylnaphthalene	ND	7.9	ug/kg	1.8
2-Methylphenol	ND	240	ug/kg	33
4-Methylphenol	ND	240	ug/kg	26
Naphthalene	ND	7.9	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	26
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	59	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propylamine	ND	59	ug/kg	27
N-Nitrosodiphenylamine	ND	59	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	97
Phenanthrene	ND	7.9	ug/kg	2.4
Phenol	ND	59	ug/kg	29
Pyrene	ND	7.9	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	29
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(24 - 112)
2-Fluorobiphenyl	82	(34 - 110)
Terphenyl-d14	104	(41 - 119)
Phenol-d5	85	(28 - 110)
2-Fluorophenol	85	(26 - 110)
2,4,6-Tribromophenol	81	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD1AG **Matrix.....:** SO
Date Sampled...: 03/10/08 11:40 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.7	ug/kg	1.5
Acenaphthylene	ND	7.7	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.7	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.7	ug/kg	1.1
Benzo(a)pyrene	ND	7.7	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.7	ug/kg	1.4
Benzo(ghi)perylene	ND	7.7	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.7	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	24
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**29 J**	**58**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	58	ug/kg	24
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	380	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	20
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	ND	7.7	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.7	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	24
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	96
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	ND	7.7	ug/kg	1.4
Fluorene	ND	7.7	ug/kg	1.4
Hexachlorobenzene	ND	7.7	ug/kg	2.4
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	19
Hexachloroethane	ND	58	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.7	ug/kg	1.7
Isophorone	ND	58	ug/kg	24
2-Methylnaphthalene	ND	7.7	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.7	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	95
Phenanthrene	ND	7.7	ug/kg	2.3
Phenol	ND	58	ug/kg	29
Pyrene	ND	7.7	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(24 - 112)
2-Fluorobiphenyl	76	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	80	(28 - 110)
2-Fluorophenol	81	(26 - 110)
2,4,6-Tribromophenol	76	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF1AT **Matrix.....:** SO
Date Sampled...: 03/10/08 12:35 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.4
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.4
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF1AT **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.4
Fluorene	ND	7.5	ug/kg	1.4
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	ND	7.5	ug/kg	2.3
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF1AT **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(24 - 112)
2-Fluorobiphenyl	72	(34 - 110)
Terphenyl-d14	96	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	79	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG1A5 **Matrix.....:** SO
Date Sampled...: 03/10/08 14:10 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**360**	**56**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	80	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH1AG **Matrix.....:** SO
Date Sampled...: 03/10/08 15:20 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 9.2 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.3	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.3	ug/kg	1.0
Benzo(a)pyrene	ND	7.3	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.3	ug/kg	1.3
Benzo(ghi)perylene	ND	7.3	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.3	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**52 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	ND	7.3	ug/kg	0.99
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.3	ug/kg	1.3
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg	1.7
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	90
Phenanthrene	ND	7.3	ug/kg	2.2
Phenol	ND	55	ug/kg	28
Pyrene	ND	7.3	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75	(24 - 112)
2-Fluorobiphenyl	69	(34 - 110)
Terphenyl-d14	89	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	71	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT1A5 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**160**	**57**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	**8.3**	**7.6**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	28
Pyrene	ND	7.6	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	46	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K1AG **Matrix.....:** SO
Date Sampled...: 03/11/08 12:05 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**30 J**	**56**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	64	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P2AG **Matrix.....:** SO
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 9.6 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	55	ug/kg	20
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	**28 J,B**	**55**	**ug/kg**	**21**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P2AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	**9.5**	**7.4**	**ug/kg**	**1.3**
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	**7.5**	**7.4**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	28
Pyrene	**7.5**	**7.4**	**ug/kg**	**1.2**
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P2AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	65	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	49	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T1AG **Matrix.....:** SO
Date Sampled...: 03/11/08 13:40 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 9.4 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.0
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	55	ug/kg	20
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	ND	7.4	ug/kg	0.99
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	**9.6**	**7.4**	**ug/kg**	**1.3**
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	**7.8**	**7.4**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	28
Pyrene	**8.0**	**7.4**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	30	(24 - 112)
2-Fluorobiphenyl	46	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	45	(28 - 110)
2-Fluorophenol	34	(26 - 110)
2,4,6-Tribromophenol	35	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE011AG **Matrix.....:** SO
Date Sampled...: 03/11/08 14:15 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**30 J**	**57**	**ug/kg**	**21**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE011AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	94
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE011AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	37	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	53	(28 - 110)
2-Fluorophenol	44	(26 - 110)
2,4,6-Tribromophenol	64	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE021AG **Matrix.....:** SO
Date Sampled...: 03/11/08 15:00 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 8.0 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	28
Pyridine	ND	110	ug/kg	18
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.3	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	**8.8**	**7.3**	**ug/kg**	**1.0**
Benzo(a)pyrene	**8.1**	**7.3**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**8.6**	**7.3**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**8.8**	**7.3**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	ND	7.3	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	54	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**28 J**	**54**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	54	ug/kg	23
Butyl benzyl phthalate	ND	54	ug/kg	21
Caprolactam	ND	360	ug/kg	40
Carbazole	ND	54	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	54	ug/kg	24
2-Chlorophenol	ND	54	ug/kg	28
4-Chlorophenyl phenyl ether	ND	54	ug/kg	26
Chrysene	**12**	**7.3**	**ug/kg**	**0.98**
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	54	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	54	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE021AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	54	ug/kg	23
Di-n-butyl phthalate	ND	54	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	90
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	54	ug/kg	20
Fluoranthene	**14**	**7.3**	**ug/kg**	**1.3**
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	54	ug/kg	28
Hexachlorocyclopenta-diene	ND	360	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg	1.6
Isophorone	ND	54	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	30
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.7
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	17
4-Nitroaniline	ND	220	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	54	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	89
Phenanthrene	ND	7.3	ug/kg	2.2
Phenol	ND	54	ug/kg	27
Pyrene	**13**	**7.3**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE021AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	45	(24 - 112)
2-Fluorobiphenyl	57	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	57	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	30	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE032AG **Matrix.....:** SO
Date Sampled...: 03/11/08 15:05 **Date Received..:** 03/12/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 8.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.3	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.3	ug/kg	1.0
Benzo(a)pyrene	ND	7.3	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.3	ug/kg	1.3
Benzo(ghi)perylene	ND	7.3	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.3	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	55	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**41 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	360	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	160	ug/kg	19
4-Chloro-3-methylphenol	ND	160	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	26
Chrysene	**10**	**7.3**	**ug/kg**	**0.99**
Dibenz(a,h)anthracene	ND	7.3	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	160	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE032AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	360	ug/kg	91
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.3	ug/kg	1.3
Fluorene	ND	7.3	ug/kg	1.3
Hexachlorobenzene	ND	7.3	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	360	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.3	ug/kg	1.6
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	ND	7.3	ug/kg	1.6
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.3	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	360	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	90
Phenanthrene	ND	7.3	ug/kg	2.2
Phenol	ND	55	ug/kg	27
Pyrene	**7.7**	**7.3**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE032AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	52	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE041AG **Matrix.....:** SO
Date Sampled...: 03/11/08 16:05 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 9.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	**200**	**55**	**ug/kg**	**25**
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**22 J**	**55**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	55	ug/kg	23
Butyl benzyl phthalate	ND	55	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	55	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	55	ug/kg	24
2-Chlorophenol	ND	55	ug/kg	29
4-Chlorophenyl phenyl ether	ND	55	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	55	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	55	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE041AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	55	ug/kg	23
Di-n-butyl phthalate	ND	55	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	55	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	55	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	**1100**	**7.4**	**ug/kg**	**1.7**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	55	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	**94**	**7.4**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	28
Pyrene	**21**	**7.4**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

GC/MS Semivolatiles

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE041AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(24 - 112)
2-Fluorobiphenyl	68	(34 - 110)
Terphenyl-d14	93	(41 - 119)
Phenol-d5	69	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	62	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J1A5 **Matrix.....:** SO
Date Sampled...: 03/12/08 08:25 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/20/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 18 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	32
Pyridine	ND	120	ug/kg	21
Acenaphthene	ND	8.1	ug/kg	1.6
Acenaphthylene	ND	8.1	ug/kg	1.5
Acetophenone	ND	120	ug/kg	32
Anthracene	ND	8.1	ug/kg	1.6
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	ND	8.1	ug/kg	1.2
Benzo(a)pyrene	ND	8.1	ug/kg	1.6
Benzo(b)fluoranthene	ND	8.1	ug/kg	1.5
Benzo(ghi)perylene	ND	8.1	ug/kg	1.6
Benzo(k)fluoranthene	ND	8.1	ug/kg	2.1
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	61	ug/kg	28
bis(2-Chloroethoxy) methane	ND	120	ug/kg	27
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	**140**	**61**	**ug/kg**	**22**
4-Bromophenyl phenyl ether	ND	61	ug/kg	25
Butyl benzyl phthalate	ND	61	ug/kg	23
Caprolactam	ND	400	ug/kg	45
Carbazole	ND	61	ug/kg	23
4-Chloroaniline	ND	180	ug/kg	21
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	61	ug/kg	27
2-Chlorophenol	ND	61	ug/kg	32
4-Chlorophenyl phenyl ether	ND	61	ug/kg	29
Chrysene	ND	8.1	ug/kg	1.1
Dibenz(a,h)anthracene	ND	8.1	ug/kg	1.6
Dibenzofuran	ND	61	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	22
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	61	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	61	ug/kg	25
Di-n-butyl phthalate	ND	61	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	16
2,4-Dinitrophenol	ND	400	ug/kg	100
2,4-Dinitrotoluene	ND	240	ug/kg	22
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	61	ug/kg	22
Fluoranthene	ND	8.1	ug/kg	1.5
Fluorene	ND	8.1	ug/kg	1.5
Hexachlorobenzene	ND	8.1	ug/kg	2.5
Hexachlorobutadiene	ND	61	ug/kg	32
Hexachlorocyclopentadiene	ND	400	ug/kg	19
Hexachloroethane	ND	61	ug/kg	34
Indeno(1,2,3-cd)pyrene	ND	8.1	ug/kg	1.8
Isophorone	ND	61	ug/kg	25
2-Methylnaphthalene	ND	8.1	ug/kg	1.8
2-Methylphenol	ND	240	ug/kg	34
4-Methylphenol	ND	240	ug/kg	27
Naphthalene	ND	8.1	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	27
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	32
Nitrobenzene	ND	120	ug/kg	2.7
2-Nitrophenol	ND	61	ug/kg	23
4-Nitrophenol	ND	400	ug/kg	130
N-Nitrosodi-n-propylamine	ND	61	ug/kg	28
N-Nitrosodiphenylamine	ND	61	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	99
Phenanthrene	ND	8.1	ug/kg	2.4
Phenol	ND	61	ug/kg	30
Pyrene	ND	8.1	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	30
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	54	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	59	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N1AG **Matrix.....:** SO
Date Sampled...: 03/12/08 08:50 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	43	(24 - 112)
2-Fluorobiphenyl	50	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	50	(28 - 110)
2-Fluorophenol	43	(26 - 110)
2,4,6-Tribromophenol	58	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T1AG **Matrix.....:** SO
Date Sampled...: 03/12/08 09:00 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.5
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.5
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**60**	**56**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	47	(24 - 112)
2-Fluorobiphenyl	53	(34 - 110)
Terphenyl-d14	79	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	60	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V1AG **Matrix.....:** SO
Date Sampled...: 03/12/08 12:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.3
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	93
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.3
Fluorene	ND	7.5	ug/kg	1.3
Hexachlorobenzene	ND	7.5	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	25
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	58	(28 - 110)
2-Fluorophenol	54	(26 - 110)
2,4,6-Tribromophenol	65	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W1AT **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 11 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.4
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.4
Benzo(ghi)perylene	ND	7.5	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**76**	**56**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	56	ug/kg	24
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	56	ug/kg	25
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	56	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W1AT **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	56	ug/kg	24
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.5	ug/kg	1.4
Fluorene	ND	7.5	ug/kg	1.4
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopentadiene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propylamine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	92
Phenanthrene	ND	7.5	ug/kg	2.3
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.5	ug/kg	1.2
2,4,5-Trichlorophenol	ND	170	ug/kg	28
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W1AT **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	41	(24 - 112)
2-Fluorobiphenyl	42	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	46	(28 - 110)
2-Fluorophenol	45	(26 - 110)
2,4,6-Tribromophenol	57	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG301AG **Matrix.....:** SO
Date Sampled...: 03/12/08 14:50 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**20 J**	**56**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	24
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG301AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG301AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	51	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	74	(41 - 119)
Phenol-d5	54	(28 - 110)
2-Fluorophenol	54	(26 - 110)
2,4,6-Tribromophenol	51	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG332AG **Matrix.....:** SO
Date Sampled...: 03/12/08 16:25 **Date Received..:** 03/13/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8078245
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	**26 J**	**56**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	24
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG332AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG332AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	69	(34 - 110)
Terphenyl-d14	96	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	75	(26 - 110)
2,4,6-Tribromophenol	86	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG341AG **Matrix.....:** SO
Date Sampled...: 03/12/08 16:30 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	24
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG341AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG341AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	44	(24 - 112)
2-Fluorobiphenyl	49	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	56	(28 - 110)
2-Fluorophenol	50	(26 - 110)
2,4,6-Tribromophenol	55	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG361AG **Matrix.....:** SO
Date Sampled...: 03/12/08 17:00 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.11 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	21
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
Caprolactam	ND	380	ug/kg	42
Carbazole	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	21
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG361AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	380	ug/kg	95
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	21
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopentadiene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propylamine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	94
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	ug/kg	1.3
2,4,5-Trichlorophenol	ND	170	ug/kg	29
2,4,6-Trichlorophenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

GC/MS Semivolatiles

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG361AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	44	(24 - 112)
2-Fluorobiphenyl	49	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	51	(26 - 110)
2,4,6-Tribromophenol	54	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF1A5 **Matrix.....:** SO
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 50 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	5800	ug/kg	1500
Pyridine	ND	5800	ug/kg	980
Acenaphthene	ND	390	ug/kg	75
Acenaphthylene	ND	390	ug/kg	69
Acetophenone	ND	5800	ug/kg	1500
Anthracene	ND	390	ug/kg	75
Atrazine	ND	12000	ug/kg	1200
Benzo(a)anthracene	ND	390	ug/kg	55
Benzo(a)pyrene	ND	390	ug/kg	75
Benzo(b)fluoranthene	ND	390	ug/kg	69
Benzo(ghi)perylene	ND	390	ug/kg	75
Benzo(k)fluoranthene	ND	390	ug/kg	98
Benzaldehyde	ND	5800	ug/kg	1200
1,1'-Biphenyl	**2700 J**	**2900**	**ug/kg**	**1300**
bis(2-Chloroethoxy) methane	ND	5800	ug/kg	1300
bis(2-Chloroethyl)-ether	ND	5800	ug/kg	120
bis(2-Ethylhexyl) phthalate	ND	2900	ug/kg	1000
4-Bromophenyl phenyl ether	ND	2900	ug/kg	1200
Butyl benzyl phthalate	ND	2900	ug/kg	1100
Caprolactam	ND	19000	ug/kg	2100
Carbazole	ND	2900	ug/kg	1100
4-Chloroaniline	ND	8700	ug/kg	980
4-Chloro-3-methylphenol	ND	8700	ug/kg	1200
2-Chloronaphthalene	ND	2900	ug/kg	1300
2-Chlorophenol	ND	2900	ug/kg	1500
4-Chlorophenyl phenyl ether	ND	2900	ug/kg	1400
Chrysene	ND	390	ug/kg	52
Dibenz(a,h)anthracene	ND	390	ug/kg	75
Dibenzofuran	ND	2900	ug/kg	1200
3,3'-Dichlorobenzidine	ND	5800	ug/kg	1000
2,4-Dichlorophenol	ND	8700	ug/kg	1200
Diethyl phthalate	ND	2900	ug/kg	1100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	8700	ug/kg	1200
Dimethyl phthalate	ND	2900	ug/kg	1200
Di-n-butyl phthalate	ND	2900	ug/kg	1100
4,6-Dinitro-2-methylphenol	ND	8700	ug/kg	750
2,4-Dinitrophenol	ND	19000	ug/kg	4800
2,4-Dinitrotoluene	ND	12000	ug/kg	1000
2,6-Dinitrotoluene	ND	12000	ug/kg	1200
Di-n-octyl phthalate	ND	2900	ug/kg	1000
Fluoranthene	ND	390	ug/kg	69
Fluorene	ND	390	ug/kg	69
Hexachlorobenzene	ND	390	ug/kg	120
Hexachlorobutadiene	ND	2900	ug/kg	1500
Hexachlorocyclopenta-diene	ND	19000	ug/kg	930
Hexachloroethane	ND	2900	ug/kg	1600
Indeno(1,2,3-cd)pyrene	ND	390	ug/kg	87
Isophorone	ND	2900	ug/kg	1200
2-Methylnaphthalene	**38000**	**390**	**ug/kg**	**87**
2-Methylphenol	ND	12000	ug/kg	1600
4-Methylphenol	ND	12000	ug/kg	1300
Naphthalene	**8000**	**390**	**ug/kg**	**93**
2-Nitroaniline	ND	12000	ug/kg	1300
3-Nitroaniline	ND	12000	ug/kg	930
4-Nitroaniline	ND	12000	ug/kg	1500
Nitrobenzene	ND	5800	ug/kg	130
2-Nitrophenol	ND	2900	ug/kg	1100
4-Nitrophenol	ND	19000	ug/kg	6400
N-Nitrosodi-n-propyl-amine	ND	2900	ug/kg	1300
N-Nitrosodiphenylamine	ND	2900	ug/kg	1200
Pentachlorophenol	ND	8700	ug/kg	4700
Phenanthrene	**500**	**390**	**ug/kg**	**120**
Phenol	ND	2900	ug/kg	1400
Pyrene	ND	390	ug/kg	64
2,4,5-Trichloro-phenol	ND	8700	ug/kg	1400
2,4,6-Trichloro-phenol	ND	8700	ug/kg	1200

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	0.0 DIL,*	(24 - 112)
2-Fluorobiphenyl	90 DIL	(34 - 110)
Terphenyl-d14	94 DIL	(41 - 119)
Phenol-d5	69 DIL	(28 - 110)
2-Fluorophenol	64 DIL	(26 - 110)
2,4,6-Tribromophenol	66 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP1AG **Matrix.....:** SO
Date Sampled...: 03/13/08 11:15 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 10 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.4	ug/kg	1.4
Acenaphthylene	ND	7.4	ug/kg	1.3
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.4	ug/kg	1.4
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	ND	7.4	ug/kg	1.1
Benzo(a)pyrene	ND	7.4	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.4	ug/kg	1.3
Benzo(ghi)perylene	ND	7.4	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.4	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	23
1,1'-Biphenyl	ND	56	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	24
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.2
bis(2-Ethylhexyl) phthalate	ND	56	ug/kg	20
4-Bromophenyl phenyl ether	ND	56	ug/kg	23
Butyl benzyl phthalate	ND	56	ug/kg	21
Caprolactam	ND	370	ug/kg	41
Carbazole	ND	56	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	23
2-Chloronaphthalene	ND	56	ug/kg	24
2-Chlorophenol	ND	56	ug/kg	29
4-Chlorophenyl phenyl ether	ND	56	ug/kg	27
Chrysene	ND	7.4	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.4	ug/kg	1.4
Dibenzofuran	ND	56	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	22
Diethyl phthalate	ND	56	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	22
Dimethyl phthalate	ND	56	ug/kg	23
Di-n-butyl phthalate	ND	56	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	14
2,4-Dinitrophenol	ND	370	ug/kg	92
2,4-Dinitrotoluene	ND	220	ug/kg	20
2,6-Dinitrotoluene	ND	220	ug/kg	23
Di-n-octyl phthalate	ND	56	ug/kg	20
Fluoranthene	ND	7.4	ug/kg	1.3
Fluorene	ND	7.4	ug/kg	1.3
Hexachlorobenzene	ND	7.4	ug/kg	2.3
Hexachlorobutadiene	ND	56	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	56	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg	1.7
Isophorone	ND	56	ug/kg	23
2-Methylnaphthalene	ND	7.4	ug/kg	1.7
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	ND	7.4	ug/kg	1.8
2-Nitroaniline	ND	220	ug/kg	24
3-Nitroaniline	ND	220	ug/kg	18
4-Nitroaniline	ND	220	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.4
2-Nitrophenol	ND	56	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	56	ug/kg	26
N-Nitrosodiphenylamine	ND	56	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	56	ug/kg	28
Pyrene	ND	7.4	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	61	(34 - 110)
Terphenyl-d14	81	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	59	(26 - 110)
2,4,6-Tribromophenol	52	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX71AG **Matrix.....:** SO
Date Sampled...: 03/13/08 14:35 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	29
Pyridine	ND	110	ug/kg	19
Acenaphthene	ND	7.5	ug/kg	1.5
Acenaphthylene	ND	7.5	ug/kg	1.4
Acetophenone	ND	110	ug/kg	29
Anthracene	ND	7.5	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.5	ug/kg	1.1
Benzo(a)pyrene	ND	7.5	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.5	ug/kg	1.4
Benzo(ghi)perylene	**14**	**7.5**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	ND	7.5	ug/kg	1.9
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	**25 J**	**57**	**ug/kg**	**20**
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	21
Caprolactam	ND	370	ug/kg	42
Carbazole	ND	57	ug/kg	21
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	29
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.5	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.5	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	21

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX71AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-butyl phthalate	ND	57	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15
2,4-Dinitrophenol	ND	370	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
Fluoranthene	**25**	**7.5**	**ug/kg**	**1.4**
Fluorene	ND	7.5	ug/kg	1.4
Hexachlorobenzene	ND	7.5	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	29
Hexachlorocyclopenta-diene	ND	370	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.5	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.5	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.5	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	29
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	21
4-Nitrophenol	ND	370	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	**34**	**7.5**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	28
Pyrene	**25**	**7.5**	**ug/kg**	**1.2**
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX71AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	64	(26 - 110)
2,4,6-Tribromophenol	42	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A2AG **Matrix.....:** SO
Date Sampled...: 03/13/08 15:10 **Date Received..:** 03/14/08
Prep Date.....: 03/20/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8080046
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	7.6	ug/kg	1.5
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	ND	7.6	ug/kg	1.5
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	ND	7.6	ug/kg	1.1
Benzo(b)fluoranthene	ND	7.6	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.6	ug/kg	1.9
Benzo(ghi)perylene	ND	7.6	ug/kg	1.5
Benzo(a)pyrene	ND	7.6	ug/kg	1.5
bis(2-Chloroethoxy) methane	ND	110	ug/kg	25
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.3
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	30
bis(2-Ethylhexyl) phthalate	ND	57	ug/kg	20
4-Bromophenyl phenyl ether	ND	57	ug/kg	24
Butyl benzyl phthalate	ND	57	ug/kg	22
4-Chloroaniline	ND	170	ug/kg	19
4-Chloro-3-methylphenol	ND	170	ug/kg	24
2-Chloronaphthalene	ND	57	ug/kg	25
2-Chlorophenol	ND	57	ug/kg	30
4-Chlorophenyl phenyl ether	ND	57	ug/kg	27
Chrysene	ND	7.6	ug/kg	1.0
Dibenz(a,h)anthracene	ND	7.6	ug/kg	1.5
Dibenzofuran	ND	57	ug/kg	23
Di-n-butyl phthalate	ND	57	ug/kg	22
3,3'-Dichlorobenzidine	ND	110	ug/kg	20
2,4-Dichlorophenol	ND	170	ug/kg	23
Diethyl phthalate	ND	57	ug/kg	22
2,4-Dimethylphenol	ND	170	ug/kg	23
Dimethyl phthalate	ND	57	ug/kg	24
Di-n-octyl phthalate	ND	57	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	170	ug/kg	15

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A2AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dinitrophenol	ND	380	ug/kg	94
2,4-Dinitrotoluene	ND	230	ug/kg	20
2,6-Dinitrotoluene	ND	230	ug/kg	24
Fluoranthene	ND	7.6	ug/kg	1.4
Fluorene	ND	7.6	ug/kg	1.4
Hexachlorobenzene	ND	7.6	ug/kg	2.4
Hexachlorobutadiene	ND	57	ug/kg	30
Hexachlorocyclopenta-diene	ND	380	ug/kg	18
Hexachloroethane	ND	57	ug/kg	32
Indeno(1,2,3-cd)pyrene	ND	7.6	ug/kg	1.7
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	ND	7.6	ug/kg	1.7
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	ND	7.6	ug/kg	1.8
2-Nitroaniline	ND	230	ug/kg	25
3-Nitroaniline	ND	230	ug/kg	18
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	110	ug/kg	2.5
2-Nitrophenol	ND	57	ug/kg	22
4-Nitrophenol	ND	380	ug/kg	130
N-Nitrosodi-n-propyl-amine	ND	57	ug/kg	26
N-Nitrosodiphenylamine	ND	57	ug/kg	24
Pentachlorophenol	ND	170	ug/kg	93
Phenanthrene	ND	7.6	ug/kg	2.3
Phenol	ND	57	ug/kg	28
Pyrene	ND	7.6	ug/kg	1.3
Pyridine	ND	110	ug/kg	19
2,4,5-Trichloro-phenol	ND	170	ug/kg	28
2,4,6-Trichloro-phenol	ND	170	ug/kg	24
Carbazole	ND	57	ug/kg	22
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	ND	57	ug/kg	26
Caprolactam	ND	380	ug/kg	42

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A2AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	80	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	76	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	83	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D1AG **Matrix.....:** SO
Date Sampled...: 03/13/08 16:00 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/20/08
Prep Batch #...: 8075012
Dilution Factor: 20 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	2300	ug/kg	610
Pyridine	ND	2300	ug/kg	400
Acenaphthene	**1300**	**160**	**ug/kg**	**30**
Acenaphthylene	ND	160	ug/kg	28
Acetophenone	ND	2300	ug/kg	610
Anthracene	ND	160	ug/kg	30
Atrazine	ND	4700	ug/kg	490
Benzo(a)anthracene	ND	160	ug/kg	22
Benzo(a)pyrene	ND	160	ug/kg	30
Benzo(b)fluoranthene	ND	160	ug/kg	28
Benzo(ghi)perylene	ND	160	ug/kg	30
Benzo(k)fluoranthene	ND	160	ug/kg	40
Benzaldehyde	ND	2300	ug/kg	490
1,1'-Biphenyl	**930 J**	**1200**	**ug/kg**	**540**
bis(2-Chloroethoxy) methane	ND	2300	ug/kg	510
bis(2-Chloroethyl)-ether	ND	2300	ug/kg	47
bis(2-Ethylhexyl) phthalate	**570 J**	**1200**	**ug/kg**	**420**
4-Bromophenyl phenyl ether	ND	1200	ug/kg	490
Butyl benzyl phthalate	ND	1200	ug/kg	440
Caprolactam	ND	7700	ug/kg	860
Carbazole	ND	1200	ug/kg	440
4-Chloroaniline	ND	3500	ug/kg	400
4-Chloro-3-methylphenol	ND	3500	ug/kg	490
2-Chloronaphthalene	ND	1200	ug/kg	510
2-Chlorophenol	ND	1200	ug/kg	610
4-Chlorophenyl phenyl ether	ND	1200	ug/kg	560
Chrysene	**180**	**160**	**ug/kg**	**21**
Dibenz(a,h)anthracene	ND	160	ug/kg	30
Dibenzofuran	ND	1200	ug/kg	470
3,3'-Dichlorobenzidine	ND	2300	ug/kg	420
2,4-Dichlorophenol	ND	3500	ug/kg	470
Diethyl phthalate	ND	1200	ug/kg	440

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	3500	ug/kg	470
Dimethyl phthalate	ND	1200	ug/kg	490
Di-n-butyl phthalate	ND	1200	ug/kg	440
4,6-Dinitro-2-methylphenol	ND	3500	ug/kg	300
2,4-Dinitrophenol	ND	7700	ug/kg	1900
2,4-Dinitrotoluene	ND	4700	ug/kg	420
2,6-Dinitrotoluene	ND	4700	ug/kg	490
Di-n-octyl phthalate	ND	1200	ug/kg	420
Fluoranthene	**310**	**160**	**ug/kg**	**28**
Fluorene	ND	160	ug/kg	28
Hexachlorobenzene	ND	160	ug/kg	49
Hexachlorobutadiene	ND	1200	ug/kg	610
Hexachlorocyclopenta-diene	ND	7700	ug/kg	370
Hexachloroethane	ND	1200	ug/kg	650
Indeno(1,2,3-cd)pyrene	ND	160	ug/kg	35
Isophorone	ND	1200	ug/kg	490
2-Methylnaphthalene	**2400**	**160**	**ug/kg**	**35**
2-Methylphenol	ND	4700	ug/kg	650
4-Methylphenol	ND	4700	ug/kg	510
Naphthalene	**1600**	**160**	**ug/kg**	**37**
2-Nitroaniline	ND	4700	ug/kg	510
3-Nitroaniline	ND	4700	ug/kg	370
4-Nitroaniline	ND	4700	ug/kg	610
Nitrobenzene	ND	2300	ug/kg	51
2-Nitrophenol	ND	1200	ug/kg	440
4-Nitrophenol	ND	7700	ug/kg	2600
N-Nitrosodi-n-propyl-amine	ND	1200	ug/kg	540
N-Nitrosodiphenylamine	ND	1200	ug/kg	490
Pentachlorophenol	ND	3500	ug/kg	1900
Phenanthrene	**2600**	**160**	**ug/kg**	**47**
Phenol	ND	1200	ug/kg	580
Pyrene	**560**	**160**	**ug/kg**	**26**
2,4,5-Trichloro-phenol	ND	3500	ug/kg	580
2,4,6-Trichloro-phenol	ND	3500	ug/kg	490

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

GC/MS Semivolatiles

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75 DIL	(24 - 112)
2-Fluorobiphenyl	92 DIL	(34 - 110)
Terphenyl-d14	111 DIL	(41 - 119)
Phenol-d5	75 DIL	(28 - 110)
2-Fluorophenol	73 DIL	(26 - 110)
2,4,6-Tribromophenol	110 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM1A5 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 5 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 17 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	610	ug/kg	160
Pyridine	ND	610	ug/kg	100
Acenaphthene	**180**	**40**	**ug/kg**	**7.9**
Acenaphthylene	ND	40	ug/kg	7.3
Acetophenone	ND	610	ug/kg	160
Anthracene	**560**	**40**	**ug/kg**	**7.9**
Atrazine	ND	1200	ug/kg	130
Benzo(a)anthracene	**690**	**40**	**ug/kg**	**5.8**
Benzo(a)pyrene	**460**	**40**	**ug/kg**	**7.9**
Benzo(b)fluoranthene	**160**	**40**	**ug/kg**	**7.3**
Benzo(ghi)perylene	**380**	**40**	**ug/kg**	**7.9**
Benzo(k)fluoranthene	ND	40	ug/kg	10
Benzaldehyde	ND	610	ug/kg	130
1,1'-Biphenyl	ND	300	ug/kg	140
bis(2-Chloroethoxy) methane	ND	610	ug/kg	130
bis(2-Chloroethyl)-ether	ND	610	ug/kg	12
bis(2-Ethylhexyl) phthalate	ND	300	ug/kg	110
4-Bromophenyl phenyl ether	ND	300	ug/kg	130
Butyl benzyl phthalate	ND	300	ug/kg	120
Caprolactam	ND	2000	ug/kg	220
Carbazole	ND	300	ug/kg	120
4-Chloroaniline	ND	910	ug/kg	100
4-Chloro-3-methylphenol	ND	910	ug/kg	130
2-Chloronaphthalene	ND	300	ug/kg	130
2-Chlorophenol	ND	300	ug/kg	160
4-Chlorophenyl phenyl ether	ND	300	ug/kg	150
Chrysene	**960**	**40**	**ug/kg**	**5.5**
Dibenz(a,h)anthracene	**98**	**40**	**ug/kg**	**7.9**
Dibenzofuran	ND	300	ug/kg	120
3,3'-Dichlorobenzidine	ND	610	ug/kg	110
2,4-Dichlorophenol	ND	910	ug/kg	120
Diethyl phthalate	ND	300	ug/kg	120

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	910	ug/kg	120
Dimethyl phthalate	ND	300	ug/kg	130
Di-n-butyl phthalate	ND	300	ug/kg	120
4,6-Dinitro-2-methylphenol	ND	910	ug/kg	79
2,4-Dinitrophenol	ND	2000	ug/kg	500
2,4-Dinitrotoluene	ND	1200	ug/kg	110
2,6-Dinitrotoluene	ND	1200	ug/kg	130
Di-n-octyl phthalate	ND	300	ug/kg	110
Fluoranthene	ND	40	ug/kg	7.3
Fluorene	ND	40	ug/kg	7.3
Hexachlorobenzene	ND	40	ug/kg	13
Hexachlorobutadiene	ND	300	ug/kg	160
Hexachlorocyclopenta-diene	ND	2000	ug/kg	97
Hexachloroethane	ND	300	ug/kg	170
Indeno(1,2,3-cd)pyrene	**83**	**40**	**ug/kg**	**9.1**
Isophorone	ND	300	ug/kg	130
2-Methylnaphthalene	ND	40	ug/kg	9.1
2-Methylphenol	ND	1200	ug/kg	170
4-Methylphenol	ND	1200	ug/kg	130
Naphthalene	ND	40	ug/kg	9.7
2-Nitroaniline	ND	1200	ug/kg	130
3-Nitroaniline	ND	1200	ug/kg	97
4-Nitroaniline	ND	1200	ug/kg	160
Nitrobenzene	ND	610	ug/kg	13
2-Nitrophenol	ND	300	ug/kg	120
4-Nitrophenol	ND	2000	ug/kg	670
N-Nitrosodi-n-propyl-amine	ND	300	ug/kg	140
N-Nitrosodiphenylamine	ND	300	ug/kg	130
Pentachlorophenol	ND	910	ug/kg	500
Phenanthrene	**1500**	**40**	**ug/kg**	**12**
Phenol	ND	300	ug/kg	150
Pyrene	**1800**	**40**	**ug/kg**	**6.7**
2,4,5-Trichloro-phenol	ND	910	ug/kg	150
2,4,6-Trichloro-phenol	ND	910	ug/kg	130

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66 DIL	(24 - 112)
2-Fluorobiphenyl	64 DIL	(34 - 110)
Terphenyl-d14	84 DIL	(41 - 119)
Phenol-d5	59 DIL	(28 - 110)
2-Fluorophenol	63 DIL	(26 - 110)
2,4,6-Tribromophenol	86 DIL	(10 - 118)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ11AG **Matrix.....:** SO
Date Sampled...: 03/14/08 10:50 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 14 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	30
Pyridine	ND	120	ug/kg	20
Acenaphthene	ND	7.8	ug/kg	1.5
Acenaphthylene	ND	7.8	ug/kg	1.4
Acetophenone	ND	120	ug/kg	30
Anthracene	ND	7.8	ug/kg	1.5
Atrazine	ND	230	ug/kg	25
Benzo(a)anthracene	ND	7.8	ug/kg	1.1
Benzo(a)pyrene	ND	7.8	ug/kg	1.5
Benzo(b)fluoranthene	ND	7.8	ug/kg	1.4
Benzo(ghi)perylene	ND	7.8	ug/kg	1.5
Benzo(k)fluoranthene	ND	7.8	ug/kg	2.0
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	58	ug/kg	27
bis(2-Chloroethoxy) methane	ND	120	ug/kg	26
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.3
bis(2-Ethylhexyl) phthalate	ND	58	ug/kg	21
4-Bromophenyl phenyl ether	ND	58	ug/kg	25
Butyl benzyl phthalate	ND	58	ug/kg	22
Caprolactam	ND	390	ug/kg	43
Carbazole	ND	58	ug/kg	22
4-Chloroaniline	ND	180	ug/kg	20
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	58	ug/kg	26
2-Chlorophenol	ND	58	ug/kg	30
4-Chlorophenyl phenyl ether	ND	58	ug/kg	28
Chrysene	ND	7.8	ug/kg	1.1
Dibenz(a,h)anthracene	ND	7.8	ug/kg	1.5
Dibenzofuran	ND	58	ug/kg	23
3,3'-Dichlorobenzidine	ND	120	ug/kg	21
2,4-Dichlorophenol	ND	180	ug/kg	23
Diethyl phthalate	ND	58	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ11AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	23
Dimethyl phthalate	ND	58	ug/kg	25
Di-n-butyl phthalate	ND	58	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	15
2,4-Dinitrophenol	ND	390	ug/kg	97
2,4-Dinitrotoluene	ND	230	ug/kg	21
2,6-Dinitrotoluene	ND	230	ug/kg	25
Di-n-octyl phthalate	ND	58	ug/kg	21
Fluoranthene	ND	7.8	ug/kg	1.4
Fluorene	ND	7.8	ug/kg	1.4
Hexachlorobenzene	ND	7.8	ug/kg	2.5
Hexachlorobutadiene	ND	58	ug/kg	30
Hexachlorocyclopentadiene	ND	390	ug/kg	19
Hexachloroethane	ND	58	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	7.8	ug/kg	1.8
Isophorone	ND	58	ug/kg	25
2-Methylnaphthalene	ND	7.8	ug/kg	1.8
2-Methylphenol	ND	230	ug/kg	33
4-Methylphenol	ND	230	ug/kg	26
Naphthalene	ND	7.8	ug/kg	1.9
2-Nitroaniline	ND	230	ug/kg	26
3-Nitroaniline	ND	230	ug/kg	19
4-Nitroaniline	ND	230	ug/kg	30
Nitrobenzene	ND	120	ug/kg	2.6
2-Nitrophenol	ND	58	ug/kg	22
4-Nitrophenol	ND	390	ug/kg	130
N-Nitrosodi-n-propylamine	ND	58	ug/kg	27
N-Nitrosodiphenylamine	ND	58	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	96
Phenanthrene	ND	7.8	ug/kg	2.3
Phenol	ND	58	ug/kg	29
Pyrene	ND	7.8	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	29
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ11AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	42	(24 - 112)
2-Fluorobiphenyl	51	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	52	(28 - 110)
2-Fluorophenol	49	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ21AG **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 1 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 6.2 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	28
Pyridine	ND	110	ug/kg	18
Acenaphthene	ND	7.1	ug/kg	1.4
Acenaphthylene	ND	7.1	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	ND	7.1	ug/kg	1.4
Atrazine	ND	210	ug/kg	22
Benzo(a)anthracene	ND	7.1	ug/kg	1.0
Benzo(a)pyrene	ND	7.1	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.1	ug/kg	1.3
Benzo(ghi)perylene	ND	7.1	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.1	ug/kg	1.8
Benzaldehyde	ND	110	ug/kg	22
1,1'-Biphenyl	ND	53	ug/kg	25
bis(2-Chloroethoxy) methane	ND	110	ug/kg	23
bis(2-Chloroethyl)-ether	ND	110	ug/kg	2.1
bis(2-Ethylhexyl) phthalate	ND	53	ug/kg	19
4-Bromophenyl phenyl ether	ND	53	ug/kg	22
Butyl benzyl phthalate	ND	53	ug/kg	20
Caprolactam	**220 J**	**350**	**ug/kg**	**39**
Carbazole	ND	53	ug/kg	20
4-Chloroaniline	ND	160	ug/kg	18
4-Chloro-3-methylphenol	ND	160	ug/kg	22
2-Chloronaphthalene	ND	53	ug/kg	23
2-Chlorophenol	ND	53	ug/kg	28
4-Chlorophenyl phenyl ether	ND	53	ug/kg	26
Chrysene	ND	7.1	ug/kg	0.96
Dibenz(a,h)anthracene	ND	7.1	ug/kg	1.4
Dibenzofuran	ND	53	ug/kg	21
3,3'-Dichlorobenzidine	ND	110	ug/kg	19
2,4-Dichlorophenol	ND	160	ug/kg	21
Diethyl phthalate	ND	53	ug/kg	20

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ21AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	160	ug/kg	21
Dimethyl phthalate	ND	53	ug/kg	22
Di-n-butyl phthalate	ND	53	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	160	ug/kg	14
2,4-Dinitrophenol	ND	350	ug/kg	89
2,4-Dinitrotoluene	ND	210	ug/kg	19
2,6-Dinitrotoluene	ND	210	ug/kg	22
Di-n-octyl phthalate	ND	53	ug/kg	19
Fluoranthene	ND	7.1	ug/kg	1.3
Fluorene	ND	7.1	ug/kg	1.3
Hexachlorobenzene	ND	7.1	ug/kg	2.2
Hexachlorobutadiene	ND	53	ug/kg	28
Hexachlorocyclopenta-diene	ND	350	ug/kg	17
Hexachloroethane	ND	53	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.1	ug/kg	1.6
Isophorone	ND	53	ug/kg	22
2-Methylnaphthalene	ND	7.1	ug/kg	1.6
2-Methylphenol	ND	210	ug/kg	30
4-Methylphenol	ND	210	ug/kg	23
Naphthalene	ND	7.1	ug/kg	1.7
2-Nitroaniline	ND	210	ug/kg	23
3-Nitroaniline	ND	210	ug/kg	17
4-Nitroaniline	ND	210	ug/kg	28
Nitrobenzene	ND	110	ug/kg	2.3
2-Nitrophenol	ND	53	ug/kg	20
4-Nitrophenol	ND	350	ug/kg	120
N-Nitrosodi-n-propyl-amine	ND	53	ug/kg	25
N-Nitrosodiphenylamine	ND	53	ug/kg	22
Pentachlorophenol	ND	160	ug/kg	87
Phenanthrene	ND	7.1	ug/kg	2.1
Phenol	ND	53	ug/kg	27
Pyrene	ND	7.1	ug/kg	1.2
2,4,5-Trichloro-phenol	ND	160	ug/kg	27
2,4,6-Trichloro-phenol	ND	160	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ21AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	75	(26 - 110)
2,4,6-Tribromophenol	76	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ31AG **Matrix.....:** SO
Date Sampled...: 03/14/08 10:00 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 17 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	120	ug/kg	31
Pyridine	ND	120	ug/kg	21
Acenaphthene	ND	8.1	ug/kg	1.6
Acenaphthylene	ND	8.1	ug/kg	1.5
Acetophenone	ND	120	ug/kg	31
Anthracene	ND	8.1	ug/kg	1.6
Atrazine	ND	240	ug/kg	25
Benzo(a)anthracene	ND	8.1	ug/kg	1.1
Benzo(a)pyrene	ND	8.1	ug/kg	1.6
Benzo(b)fluoranthene	ND	8.1	ug/kg	1.5
Benzo(ghi)perylene	ND	8.1	ug/kg	1.6
Benzo(k)fluoranthene	ND	8.1	ug/kg	2.1
Benzaldehyde	ND	120	ug/kg	25
1,1'-Biphenyl	ND	61	ug/kg	28
bis(2-Chloroethoxy) methane	ND	120	ug/kg	27
bis(2-Chloroethyl)-ether	ND	120	ug/kg	2.4
bis(2-Ethylhexyl) phthalate	ND	61	ug/kg	22
4-Bromophenyl phenyl ether	ND	61	ug/kg	25
Butyl benzyl phthalate	ND	61	ug/kg	23
Caprolactam	ND	400	ug/kg	45
Carbazole	ND	61	ug/kg	23
4-Chloroaniline	ND	180	ug/kg	21
4-Chloro-3-methylphenol	ND	180	ug/kg	25
2-Chloronaphthalene	ND	61	ug/kg	27
2-Chlorophenol	ND	61	ug/kg	31
4-Chlorophenyl phenyl ether	ND	61	ug/kg	29
Chrysene	ND	8.1	ug/kg	1.1
Dibenz(a,h)anthracene	ND	8.1	ug/kg	1.6
Dibenzofuran	ND	61	ug/kg	24
3,3'-Dichlorobenzidine	ND	120	ug/kg	22
2,4-Dichlorophenol	ND	180	ug/kg	24
Diethyl phthalate	ND	61	ug/kg	23

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ31AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	180	ug/kg	24
Dimethyl phthalate	ND	61	ug/kg	25
Di-n-butyl phthalate	ND	61	ug/kg	23
4,6-Dinitro-2-methylphenol	ND	180	ug/kg	16
2,4-Dinitrophenol	ND	400	ug/kg	100
2,4-Dinitrotoluene	ND	240	ug/kg	22
2,6-Dinitrotoluene	ND	240	ug/kg	25
Di-n-octyl phthalate	ND	61	ug/kg	22
Fluoranthene	ND	8.1	ug/kg	1.5
Fluorene	ND	8.1	ug/kg	1.5
Hexachlorobenzene	ND	8.1	ug/kg	2.5
Hexachlorobutadiene	ND	61	ug/kg	31
Hexachlorocyclopentadiene	ND	400	ug/kg	19
Hexachloroethane	ND	61	ug/kg	34
Indeno(1,2,3-cd)pyrene	ND	8.1	ug/kg	1.8
Isophorone	ND	61	ug/kg	25
2-Methylnaphthalene	ND	8.1	ug/kg	1.8
2-Methylphenol	ND	240	ug/kg	34
4-Methylphenol	ND	240	ug/kg	27
Naphthalene	ND	8.1	ug/kg	1.9
2-Nitroaniline	ND	240	ug/kg	27
3-Nitroaniline	ND	240	ug/kg	19
4-Nitroaniline	ND	240	ug/kg	31
Nitrobenzene	ND	120	ug/kg	2.7
2-Nitrophenol	ND	61	ug/kg	23
4-Nitrophenol	ND	400	ug/kg	130
N-Nitrosodi-n-propylamine	ND	61	ug/kg	28
N-Nitrosodiphenylamine	ND	61	ug/kg	25
Pentachlorophenol	ND	180	ug/kg	99
Phenanthrene	ND	8.1	ug/kg	2.4
Phenol	ND	61	ug/kg	30
Pyrene	ND	8.1	ug/kg	1.3
2,4,5-Trichlorophenol	ND	180	ug/kg	30
2,4,6-Trichlorophenol	ND	180	ug/kg	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

GC/MS Semivolatiles

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ31AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C120000-430

Prep Date.....: 03/12/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/13/08 **Prep Batch #...:** 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	69	(34 - 110)
Terphenyl-d14	95	(41 - 119)
Phenol-d5	78	(28 - 110)
2-Fluorophenol	79	(26 - 110)
2,4,6-Tribromophenol	62	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AA **Matrix.....:** SOLID

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C130000-304

Prep Date.....: 03/13/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/14/08 **Prep Batch #...:** 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	95	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	68	(26 - 110)
2,4,6-Tribromophenol	58	(10 - 118)

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AA **Matrix.....:** SOLID

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C140000-185

Prep Date.....: 03/14/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/17/08 **Prep Batch #...:** 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	103	(41 - 119)
Phenol-d5	76	(28 - 110)
2-Fluorophenol	78	(26 - 110)
2,4,6-Tribromophenol	77	(10 - 118)

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AA **Matrix.....:** SOLID

NOTE(S):

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

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C150000-012

Prep Date.....: 03/15/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/18/08 **Prep Batch #...:** 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	**34 J**	**50**	**ug/kg**	**SW846 8270C**
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	89	(41 - 119)
Phenol-d5	70	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	58	(10 - 118)

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AA **Matrix.....:** SOLID

NOTE(S):

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

J Estimated result. Result is less than RL.

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C170000-054

Prep Date.....: 03/17/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/19/08 **Prep Batch #...:** 8077054
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	**25 J**	**50**	**ug/kg**	**SW846 8270C**
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	68	(28 - 110)
2-Fluorophenol	77	(26 - 110)
2,4,6-Tribromophenol	74	(10 - 118)

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AA **Matrix.....:** SOLID

NOTE(S):

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

J Estimated result. Result is less than RL.

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GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C180000-245

Prep Date.....: 03/18/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/19/08 **Prep Batch #...:** 8078245
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	65	(34 - 110)
Terphenyl-d14	97	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	70	(26 - 110)
2,4,6-Tribromophenol	65	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AA **Matrix.....:** SOLID

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C200000-046

Prep Date.....: 03/20/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 03/21/08 **Prep Batch #...:** 8080046
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	6.7	ug/kg	SW846 8270C
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C
Acetophenone	ND	100	ug/kg	SW846 8270C
Anthracene	ND	6.7	ug/kg	SW846 8270C
Atrazine	ND	200	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	100	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	100	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	100	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	50	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	50	ug/kg	SW846 8270C
4-Chloroaniline	ND	150	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	150	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	50	ug/kg	SW846 8270C
2-Chlorophenol	ND	50	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	50	ug/kg	SW846 8270C
Chrysene	ND	6.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C
Dibenzofuran	ND	50	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	50	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	100	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	150	ug/kg	SW846 8270C
Diethyl phthalate	ND	50	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	150	ug/kg	SW846 8270C
Dimethyl phthalate	ND	50	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	50	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	150	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	330	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	200	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,6-Dinitrotoluene	ND	200	ug/kg	SW846 8270C
Fluoranthene	ND	6.7	ug/kg	SW846 8270C
Fluorene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobenzene	ND	6.7	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	50	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	330	ug/kg	SW846 8270C
Hexachloroethane	ND	50	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C
Isophorone	ND	50	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	6.7	ug/kg	SW846 8270C
2-Methylphenol	ND	200	ug/kg	SW846 8270C
4-Methylphenol	ND	200	ug/kg	SW846 8270C
Naphthalene	ND	6.7	ug/kg	SW846 8270C
2-Nitroaniline	ND	200	ug/kg	SW846 8270C
3-Nitroaniline	ND	200	ug/kg	SW846 8270C
4-Nitroaniline	ND	200	ug/kg	SW846 8270C
Nitrobenzene	ND	100	ug/kg	SW846 8270C
2-Nitrophenol	ND	50	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	50	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	50	ug/kg	SW846 8270C
Pentachlorophenol	ND	150	ug/kg	SW846 8270C
Phenanthrene	ND	6.7	ug/kg	SW846 8270C
Phenol	ND	50	ug/kg	SW846 8270C
Pyrene	ND	6.7	ug/kg	SW846 8270C
Pyridine	ND	100	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	150	ug/kg	SW846 8270C
Carbazole	ND	50	ug/kg	SW846 8270C
Benzaldehyde	ND	100	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	50	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	75	(26 - 110)
2,4,6-Tribromophenol	76	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AA **Matrix.....:** SOLID

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-430
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,2'-Oxybis(1-Chloropropa	670	530	ug/kg	80	SW846 8270C
Pyridine	670	310	ug/kg	47	SW846 8270C
Acenaphthene	**670**	**470**	**ug/kg**	**71**	**SW846 8270C**
Acenaphthylene	670	490	ug/kg	73	SW846 8270C
Acetophenone	670	480	ug/kg	72	SW846 8270C
Anthracene	670	530	ug/kg	80	SW846 8270C
Atrazine	670	550	ug/kg	83	SW846 8270C
Benzo(a)anthracene	670	490	ug/kg	74	SW846 8270C
Benzo(a)pyrene	670	500	ug/kg	75	SW846 8270C
Benzo(b)fluoranthene	670	510	ug/kg	77	SW846 8270C
Benzo(ghi)perylene	670	530	ug/kg	80	SW846 8270C
Benzo(k)fluoranthene	670	510	ug/kg	76	SW846 8270C
Benzaldehyde	670	470	ug/kg	70	SW846 8270C
1,1'-Biphenyl	670	460	ug/kg	69	SW846 8270C
bis(2-Chloroethoxy) methane	670	510	ug/kg	77	SW846 8270C
bis(2-Chloroethyl)-ether	670	470	ug/kg	70	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	550	ug/kg	82	SW846 8270C
4-Bromophenyl phenyl ether	670	550	ug/kg	83	SW846 8270C
Butyl benzyl phthalate	670	540	ug/kg	81	SW846 8270C
Caprolactam	670	550	ug/kg	83	SW846 8270C
Carbazole	670	520	ug/kg	79	SW846 8270C
4-Chloroaniline	670	230	ug/kg	34	SW846 8270C
4-Chloro-3-methylphenol	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
2-Chloronaphthalene	670	490	ug/kg	74	SW846 8270C
2-Chlorophenol	**670**	**500**	**ug/kg**	**75**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	520	ug/kg	78	SW846 8270C
Chrysene	670	520	ug/kg	78	SW846 8270C
Dibenz(a,h)anthracene	670	540	ug/kg	80	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-430

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	490	ug/kg	74	SW846 8270C
3,3'-Dichlorobenzidine	670	230	ug/kg	35	SW846 8270C
2,4-Dichlorophenol	670	500	ug/kg	74	SW846 8270C
Diethyl phthalate	670	520	ug/kg	78	SW846 8270C
2,4-Dimethylphenol	670	460	ug/kg	68	SW846 8270C
Dimethyl phthalate	670	510	ug/kg	77	SW846 8270C
Di-n-butyl phthalate	670	560	ug/kg	84	SW846 8270C
4,6-Dinitro-2-methylphenol	670	460	ug/kg	70	SW846 8270C
2,4-Dinitrophenol	670	360	ug/kg	53	SW846 8270C
2,4-Dinitrotoluene	**670**	**560**	**ug/kg**	**84**	**SW846 8270C**
2,6-Dinitrotoluene	670	540	ug/kg	81	SW846 8270C
Di-n-octyl phthalate	670	550	ug/kg	82	SW846 8270C
Fluoranthene	670	550	ug/kg	82	SW846 8270C
Fluorene	670	490	ug/kg	74	SW846 8270C
Hexachlorobenzene	670	490	ug/kg	74	SW846 8270C
Hexachlorobutadiene	670	470	ug/kg	70	SW846 8270C
Hexachlorocyclopenta-diene	670	470	ug/kg	71	SW846 8270C
Hexachloroethane	670	490	ug/kg	73	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	540	ug/kg	81	SW846 8270C
Isophorone	670	550	ug/kg	82	SW846 8270C
2-Methylnaphthalene	670	520	ug/kg	78	SW846 8270C
2-Methylphenol	670	510	ug/kg	77	SW846 8270C
4-Methylphenol	1300	1100	ug/kg	79	SW846 8270C
Naphthalene	670	460	ug/kg	69	SW846 8270C
2-Nitroaniline	670	530	ug/kg	79	SW846 8270C
3-Nitroaniline	670	390	ug/kg	59	SW846 8270C
4-Nitroaniline	670	480	ug/kg	73	SW846 8270C
Nitrobenzene	670	510	ug/kg	76	SW846 8270C
2-Nitrophenol	670	480	ug/kg	72	SW846 8270C
4-Nitrophenol	**670**	**510**	**ug/kg**	**77**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
N-Nitrosodiphenylamine	670	490	ug/kg	73	SW846 8270C
Pentachlorophenol	**670**	**290**	**ug/kg**	**44**	**SW846 8270C**
Phenanthrene	670	500	ug/kg	75	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-430

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
Pyrene	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	490	ug/kg	73	SW846 8270C
2,4,6-Trichloro-phenol	670	480	ug/kg	72	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	72	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	77	(26 - 110)
2,4,6-Tribromophenol	72	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-430
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,2'-Oxybis(1-Chloropropa	80	(36 - 116)	SW846 8270C
Pyridine	47	(22 - 110)	SW846 8270C
Acenaphthene	**71**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	73	(47 - 110)	SW846 8270C
Acetophenone	72	(50 - 130)	SW846 8270C
Anthracene	80	(56 - 111)	SW846 8270C
Atrazine	83	(50 - 130)	SW846 8270C
Benzo(a)anthracene	74	(58 - 111)	SW846 8270C
Benzo(a)pyrene	75	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	77	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	80	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	76	(38 - 122)	SW846 8270C
Benzaldehyde	70	(10 - 130)	SW846 8270C
1,1'-Biphenyl	69	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	77	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	70	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	82	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	83	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	81	(57 - 121)	SW846 8270C
Caprolactam	83	(50 - 130)	SW846 8270C
Carbazole	79	(56 - 115)	SW846 8270C
4-Chloroaniline	34	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**78**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	74	(46 - 110)	SW846 8270C
2-Chlorophenol	**75**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	78	(53 - 110)	SW846 8270C
Chrysene	78	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	80	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-430

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	74	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	35	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	74	(40 - 110)	SW846 8270C
Diethyl phthalate	78	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	68	(28 - 110)	SW846 8270C
Dimethyl phthalate	77	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	84	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	70	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	53	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**84**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	81	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	82	(45 - 123)	SW846 8270C
Fluoranthene	82	(55 - 118)	SW846 8270C
Fluorene	74	(51 - 110)	SW846 8270C
Hexachlorobenzene	74	(51 - 110)	SW846 8270C
Hexachlorobutadiene	70	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	71	(10 - 110)	SW846 8270C
Hexachloroethane	73	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	81	(45 - 121)	SW846 8270C
Isophorone	82	(46 - 117)	SW846 8270C
2-Methylnaphthalene	78	(46 - 110)	SW846 8270C
2-Methylphenol	77	(36 - 110)	SW846 8270C
4-Methylphenol	79	(40 - 110)	SW846 8270C
Naphthalene	69	(42 - 110)	SW846 8270C
2-Nitroaniline	79	(47 - 124)	SW846 8270C
3-Nitroaniline	59	(44 - 110)	SW846 8270C
4-Nitroaniline	73	(50 - 110)	SW846 8270C
Nitrobenzene	76	(40 - 110)	SW846 8270C
2-Nitrophenol	72	(35 - 110)	SW846 8270C
4-Nitrophenol	**77**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	73	(54 - 112)	SW846 8270C
Pentachlorophenol	**44**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	75	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFVQ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-430

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**79**	**(39 - 110)**	**SW846 8270C**
Pyrene	**74**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	73	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	72	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	72	(34 - 110)
Terphenyl-d14	84	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	77	(26 - 110)
2,4,6-Tribromophenol	72	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-304
Prep Date.....: 03/13/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,2'-Oxybis(1-Chloropropa	670	550	ug/kg	83	SW846 8270C
Pyridine	670	290	ug/kg	44	SW846 8270C
Acenaphthene	**670**	**490**	**ug/kg**	**73**	**SW846 8270C**
Acenaphthylene	670	480	ug/kg	72	SW846 8270C
Acetophenone	670	480	ug/kg	72	SW846 8270C
Anthracene	670	540	ug/kg	81	SW846 8270C
Atrazine	670	580	ug/kg	87	SW846 8270C
Benzo(a)anthracene	670	550	ug/kg	82	SW846 8270C
Benzo(a)pyrene	670	520	ug/kg	78	SW846 8270C
Benzo(b)fluoranthene	670	550	ug/kg	83	SW846 8270C
Benzo(ghi)perylene	670	550	ug/kg	83	SW846 8270C
Benzo(k)fluoranthene	670	510	ug/kg	76	SW846 8270C
Benzaldehyde	670	470	ug/kg	71	SW846 8270C
1,1'-Biphenyl	670	460	ug/kg	69	SW846 8270C
bis(2-Chloroethoxy) methane	670	500	ug/kg	75	SW846 8270C
bis(2-Chloroethyl)- ether	670	630	ug/kg	95	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	630	ug/kg	94	SW846 8270C
4-Bromophenyl phenyl ether	670	560	ug/kg	83	SW846 8270C
Butyl benzyl phthalate	670	630	ug/kg	94	SW846 8270C
Caprolactam	670	480	ug/kg	72	SW846 8270C
Carbazole	670	550	ug/kg	83	SW846 8270C
4-Chloroaniline	670	280	ug/kg	42	SW846 8270C
4-Chloro-3-methylphenol	**670**	**540**	**ug/kg**	**81**	**SW846 8270C**
2-Chloronaphthalene	670	490	ug/kg	74	SW846 8270C
2-Chlorophenol	**670**	**540**	**ug/kg**	**82**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	530	ug/kg	80	SW846 8270C
Chrysene	670	580	ug/kg	88	SW846 8270C
Dibenz(a,h)anthracene	670	570	ug/kg	85	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-304

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	490	ug/kg	73	SW846 8270C
3,3'-Dichlorobenzidine	670	230	ug/kg	35	SW846 8270C
2,4-Dichlorophenol	670	480	ug/kg	71	SW846 8270C
Diethyl phthalate	670	540	ug/kg	81	SW846 8270C
2,4-Dimethylphenol	670	430	ug/kg	64	SW846 8270C
Dimethyl phthalate	670	520	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	670	590	ug/kg	89	SW846 8270C
4,6-Dinitro-2-methylphenol	670	450	ug/kg	68	SW846 8270C
2,4-Dinitrophenol	670	330	ug/kg	50	SW846 8270C
2,4-Dinitrotoluene	**670**	**570**	**ug/kg**	**85**	**SW846 8270C**
2,6-Dinitrotoluene	670	540	ug/kg	81	SW846 8270C
Di-n-octyl phthalate	670	560	ug/kg	84	SW846 8270C
Fluoranthene	670	570	ug/kg	86	SW846 8270C
Fluorene	670	510	ug/kg	76	SW846 8270C
Hexachlorobenzene	670	510	ug/kg	77	SW846 8270C
Hexachlorobutadiene	670	460	ug/kg	69	SW846 8270C
Hexachlorocyclopenta-diene	670	440	ug/kg	66	SW846 8270C
Hexachloroethane	670	500	ug/kg	74	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	570	ug/kg	85	SW846 8270C
Isophorone	670	530	ug/kg	80	SW846 8270C
2-Methylnaphthalene	670	510	ug/kg	76	SW846 8270C
2-Methylphenol	670	540	ug/kg	82	SW846 8270C
4-Methylphenol	1300	1100	ug/kg	83	SW846 8270C
Naphthalene	670	450	ug/kg	68	SW846 8270C
2-Nitroaniline	670	530	ug/kg	80	SW846 8270C
3-Nitroaniline	670	450	ug/kg	68	SW846 8270C
4-Nitroaniline	670	510	ug/kg	77	SW846 8270C
Nitrobenzene	670	510	ug/kg	76	SW846 8270C
2-Nitrophenol	670	460	ug/kg	69	SW846 8270C
4-Nitrophenol	**670**	**510**	**ug/kg**	**77**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
N-Nitrosodiphenylamine	670	500	ug/kg	75	SW846 8270C
Pentachlorophenol	**670**	**310**	**ug/kg**	**46**	**SW846 8270C**
Phenanthrene	670	510	ug/kg	77	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-304

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**540**	**ug/kg**	**81**	**SW846 8270C**
Pyrene	**670**	**550**	**ug/kg**	**82**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	510	ug/kg	76	SW846 8270C
2,4,6-Trichloro-phenol	670	470	ug/kg	71	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	91	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-304
Prep Date.....: 03/13/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,2'-Oxybis(1-Chloropropa	83	(36 - 116)	SW846 8270C
Pyridine	44	(22 - 110)	SW846 8270C
Acenaphthene	**73**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	72	(47 - 110)	SW846 8270C
Acetophenone	72	(50 - 130)	SW846 8270C
Anthracene	81	(56 - 111)	SW846 8270C
Atrazine	87	(50 - 130)	SW846 8270C
Benzo(a)anthracene	82	(58 - 111)	SW846 8270C
Benzo(a)pyrene	78	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	83	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	83	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	76	(38 - 122)	SW846 8270C
Benzaldehyde	71	(10 - 130)	SW846 8270C
1,1'-Biphenyl	69	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	75	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	95	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	94	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	83	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	94	(57 - 121)	SW846 8270C
Caprolactam	72	(50 - 130)	SW846 8270C
Carbazole	83	(56 - 115)	SW846 8270C
4-Chloroaniline	42	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**81**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	74	(46 - 110)	SW846 8270C
2-Chlorophenol	**82**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	80	(53 - 110)	SW846 8270C
Chrysene	88	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	85	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-304

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	73	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	35	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	71	(40 - 110)	SW846 8270C
Diethyl phthalate	81	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	64	(28 - 110)	SW846 8270C
Dimethyl phthalate	78	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	89	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	68	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	50	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**85**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	81	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	84	(45 - 123)	SW846 8270C
Fluoranthene	86	(55 - 118)	SW846 8270C
Fluorene	76	(51 - 110)	SW846 8270C
Hexachlorobenzene	77	(51 - 110)	SW846 8270C
Hexachlorobutadiene	69	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	66	(10 - 110)	SW846 8270C
Hexachloroethane	74	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	85	(45 - 121)	SW846 8270C
Isophorone	80	(46 - 117)	SW846 8270C
2-Methylnaphthalene	76	(46 - 110)	SW846 8270C
2-Methylphenol	82	(36 - 110)	SW846 8270C
4-Methylphenol	83	(40 - 110)	SW846 8270C
Naphthalene	68	(42 - 110)	SW846 8270C
2-Nitroaniline	80	(47 - 124)	SW846 8270C
3-Nitroaniline	68	(44 - 110)	SW846 8270C
4-Nitroaniline	77	(50 - 110)	SW846 8270C
Nitrobenzene	76	(40 - 110)	SW846 8270C
2-Nitrophenol	69	(35 - 110)	SW846 8270C
4-Nitrophenol	**77**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	75	(54 - 112)	SW846 8270C
Pentachlorophenol	**46**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	77	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHT21AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-304

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**81**	**(39 - 110)**	**SW846 8270C**
Pyrene	**82**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	76	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	71	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	91	(41 - 119)
Phenol-d5	73	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	69	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-185
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyridine	670	280	ug/kg	42	SW846 8270C
2,2'-Oxybis(1-Chloropropa	670	440	ug/kg	65	SW846 8270C
Acenaphthene	**670**	**420**	**ug/kg**	**64**	**SW846 8270C**
Acenaphthylene	670	450	ug/kg	67	SW846 8270C
Acetophenone	670	420	ug/kg	64	SW846 8270C
Anthracene	670	480	ug/kg	73	SW846 8270C
Atrazine	670	580	ug/kg	86	SW846 8270C
Benzo(a)anthracene	670	440	ug/kg	67	SW846 8270C
Benzo(a)pyrene	670	470	ug/kg	70	SW846 8270C
Benzo(b)fluoranthene	670	480	ug/kg	73	SW846 8270C
Benzo(ghi)perylene	670	510	ug/kg	76	SW846 8270C
Benzo(k)fluoranthene	670	480	ug/kg	71	SW846 8270C
Benzaldehyde	670	480	ug/kg	73	SW846 8270C
1,1'-Biphenyl	670	450	ug/kg	68	SW846 8270C
bis(2-Chloroethoxy) methane	670	440	ug/kg	67	SW846 8270C
bis(2-Chloroethyl)-ether	670	530	ug/kg	80	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	500	ug/kg	75	SW846 8270C
4-Bromophenyl phenyl ether	670	500	ug/kg	75	SW846 8270C
Butyl benzyl phthalate	670	500	ug/kg	75	SW846 8270C
Caprolactam	670	540	ug/kg	80	SW846 8270C
Carbazole	670	490	ug/kg	73	SW846 8270C
4-Chloroaniline	670	340	ug/kg	50	SW846 8270C
4-Chloro-3-methylphenol	**670**	**450**	**ug/kg**	**68**	**SW846 8270C**
2-Chloronaphthalene	670	430	ug/kg	65	SW846 8270C
2-Chlorophenol	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	490	ug/kg	74	SW846 8270C
Chrysene	670	460	ug/kg	69	SW846 8270C
Dibenz(a,h)anthracene	670	510	ug/kg	77	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-185

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	440	ug/kg	66	SW846 8270C
3,3'-Dichlorobenzidine	670	290	ug/kg	43	SW846 8270C
2,4-Dichlorophenol	670	440	ug/kg	67	SW846 8270C
Diethyl phthalate	670	480	ug/kg	72	SW846 8270C
2,4-Dimethylphenol	670	410	ug/kg	62	SW846 8270C
Dimethyl phthalate	670	470	ug/kg	71	SW846 8270C
Di-n-butyl phthalate	670	530	ug/kg	79	SW846 8270C
4,6-Dinitro-2-methylphenol	670	330	ug/kg	50	SW846 8270C
2,4-Dinitrophenol	670	280	ug/kg	42	SW846 8270C
2,4-Dinitrotoluene	**670**	**490**	**ug/kg**	**74**	**SW846 8270C**
2,6-Dinitrotoluene	670	490	ug/kg	74	SW846 8270C
Di-n-octyl phthalate	670	510	ug/kg	76	SW846 8270C
Fluoranthene	670	520	ug/kg	79	SW846 8270C
Fluorene	670	450	ug/kg	67	SW846 8270C
Hexachlorobenzene	670	450	ug/kg	68	SW846 8270C
Hexachlorobutadiene	670	460	ug/kg	69	SW846 8270C
Hexachlorocyclopenta-diene	670	370	ug/kg	55	SW846 8270C
Hexachloroethane	670	430	ug/kg	64	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	510	ug/kg	76	SW846 8270C
Isophorone	670	480	ug/kg	72	SW846 8270C
2-Methylnaphthalene	670	470	ug/kg	71	SW846 8270C
2-Methylphenol	670	470	ug/kg	70	SW846 8270C
4-Methylphenol	1300	870	ug/kg	65	SW846 8270C
Naphthalene	670	420	ug/kg	63	SW846 8270C
2-Nitroaniline	670	480	ug/kg	71	SW846 8270C
3-Nitroaniline	670	410	ug/kg	61	SW846 8270C
4-Nitroaniline	670	450	ug/kg	67	SW846 8270C
Nitrobenzene	670	460	ug/kg	68	SW846 8270C
2-Nitrophenol	670	430	ug/kg	64	SW846 8270C
4-Nitrophenol	**670**	**430**	**ug/kg**	**65**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**430**	**ug/kg**	**65**	**SW846 8270C**
N-Nitrosodiphenylamine	670	450	ug/kg	67	SW846 8270C
Pentachlorophenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
Phenanthrene	670	460	ug/kg	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-185

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
Pyrene	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	450	ug/kg	67	SW846 8270C
2,4,6-Trichloro-phenol	670	450	ug/kg	68	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	65	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	78	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-185
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyridine	42	(22 - 110)	SW846 8270C
2,2'-Oxybis(1-Chloropropa	65	(36 - 116)	SW846 8270C
Acenaphthene	**64**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	67	(47 - 110)	SW846 8270C
Acetophenone	64	(50 - 130)	SW846 8270C
Anthracene	73	(56 - 111)	SW846 8270C
Atrazine	86	(50 - 130)	SW846 8270C
Benzo(a)anthracene	67	(58 - 111)	SW846 8270C
Benzo(a)pyrene	70	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	73	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	76	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	71	(38 - 122)	SW846 8270C
Benzaldehyde	73	(10 - 130)	SW846 8270C
1,1'-Biphenyl	68	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	67	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)-ether	80	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	75	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	75	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	75	(57 - 121)	SW846 8270C
Caprolactam	80	(50 - 130)	SW846 8270C
Carbazole	73	(56 - 115)	SW846 8270C
4-Chloroaniline	50	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**68**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	65	(46 - 110)	SW846 8270C
2-Chlorophenol	**63**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	74	(53 - 110)	SW846 8270C
Chrysene	69	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	77	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-185

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	66	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	43	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	67	(40 - 110)	SW846 8270C
Diethyl phthalate	72	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	62	(28 - 110)	SW846 8270C
Dimethyl phthalate	71	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	79	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	50	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	42	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**74**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	74	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	76	(45 - 123)	SW846 8270C
Fluoranthene	79	(55 - 118)	SW846 8270C
Fluorene	67	(51 - 110)	SW846 8270C
Hexachlorobenzene	68	(51 - 110)	SW846 8270C
Hexachlorobutadiene	69	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	55	(10 - 110)	SW846 8270C
Hexachloroethane	64	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	76	(45 - 121)	SW846 8270C
Isophorone	72	(46 - 117)	SW846 8270C
2-Methylnaphthalene	71	(46 - 110)	SW846 8270C
2-Methylphenol	70	(36 - 110)	SW846 8270C
4-Methylphenol	65	(40 - 110)	SW846 8270C
Naphthalene	63	(42 - 110)	SW846 8270C
2-Nitroaniline	71	(47 - 124)	SW846 8270C
3-Nitroaniline	61	(44 - 110)	SW846 8270C
4-Nitroaniline	67	(50 - 110)	SW846 8270C
Nitrobenzene	68	(40 - 110)	SW846 8270C
2-Nitrophenol	64	(35 - 110)	SW846 8270C
4-Nitrophenol	**65**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**65**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	67	(54 - 112)	SW846 8270C
Pentachlorophenol	**64**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	69	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJK421AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C140000-185

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**63**	**(39 - 110)**	**SW846 8270C**
Pyrene	**70**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	67	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	68	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	65	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	78	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-012
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyridine	670	280	ug/kg	41	SW846 8270C
2,2'-Oxybis(1-Chloropropa	670	420	ug/kg	63	SW846 8270C
Acenaphthene	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
Acenaphthylene	670	420	ug/kg	63	SW846 8270C
Acetophenone	670	420	ug/kg	64	SW846 8270C
Anthracene	670	460	ug/kg	69	SW846 8270C
Atrazine	670	580	ug/kg	87	SW846 8270C
Benzo(a)anthracene	670	440	ug/kg	66	SW846 8270C
Benzo(a)pyrene	670	460	ug/kg	69	SW846 8270C
Benzo(b)fluoranthene	670	490	ug/kg	74	SW846 8270C
Benzo(ghi)perylene	670	490	ug/kg	74	SW846 8270C
Benzo(k)fluoranthene	670	460	ug/kg	69	SW846 8270C
Benzaldehyde	670	520	ug/kg	78	SW846 8270C
1,1'-Biphenyl	670	430	ug/kg	65	SW846 8270C
bis(2-Chloroethoxy) methane	670	420	ug/kg	64	SW846 8270C
bis(2-Chloroethyl)- ether	670	410	ug/kg	61	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	490	ug/kg	73	SW846 8270C
4-Bromophenyl phenyl ether	670	480	ug/kg	72	SW846 8270C
Butyl benzyl phthalate	670	490	ug/kg	74	SW846 8270C
Caprolactam	670	520	ug/kg	78	SW846 8270C
Carbazole	670	470	ug/kg	71	SW846 8270C
4-Chloroaniline	670	240	ug/kg	37	SW846 8270C
4-Chloro-3-methylphenol	**670**	**420**	**ug/kg**	**62**	**SW846 8270C**
2-Chloronaphthalene	670	410	ug/kg	61	SW846 8270C
2-Chlorophenol	**670**	**390**	**ug/kg**	**58**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	450	ug/kg	68	SW846 8270C
Chrysene	670	460	ug/kg	70	SW846 8270C
Dibenz(a,h)anthracene	670	500	ug/kg	75	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-012

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	420	ug/kg	62	SW846 8270C
3,3'-Dichlorobenzidine	670	280	ug/kg	42	SW846 8270C
2,4-Dichlorophenol	670	420	ug/kg	63	SW846 8270C
Diethyl phthalate	670	480	ug/kg	72	SW846 8270C
2,4-Dimethylphenol	670	270	ug/kg	41	SW846 8270C
Dimethyl phthalate	670	440	ug/kg	66	SW846 8270C
Di-n-butyl phthalate	670	510	ug/kg	77	SW846 8270C
4,6-Dinitro-2-methylphenol	670	380	ug/kg	56	SW846 8270C
2,4-Dinitrophenol	670	340	ug/kg	50	SW846 8270C
2,4-Dinitrotoluene	**670**	**470**	**ug/kg**	**70**	**SW846 8270C**
2,6-Dinitrotoluene	670	470	ug/kg	70	SW846 8270C
Di-n-octyl phthalate	670	490	ug/kg	74	SW846 8270C
Fluoranthene	670	500	ug/kg	75	SW846 8270C
Fluorene	670	410	ug/kg	62	SW846 8270C
Hexachlorobenzene	670	450	ug/kg	68	SW846 8270C
Hexachlorobutadiene	670	450	ug/kg	68	SW846 8270C
Hexachlorocyclopenta-diene	670	320	ug/kg	49	SW846 8270C
Hexachloroethane	670	430	ug/kg	64	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	500	ug/kg	75	SW846 8270C
Isophorone	670	450	ug/kg	68	SW846 8270C
2-Methylnaphthalene	670	440	ug/kg	66	SW846 8270C
2-Methylphenol	670	400	ug/kg	60	SW846 8270C
4-Methylphenol	1300	820	ug/kg	62	SW846 8270C
Naphthalene	670	390	ug/kg	58	SW846 8270C
2-Nitroaniline	670	450	ug/kg	67	SW846 8270C
3-Nitroaniline	670	360	ug/kg	54	SW846 8270C
4-Nitroaniline	670	430	ug/kg	65	SW846 8270C
Nitrobenzene	670	440	ug/kg	66	SW846 8270C
2-Nitrophenol	670	410	ug/kg	62	SW846 8270C
4-Nitrophenol	**670**	**410**	**ug/kg**	**62**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**410**	**ug/kg**	**62**	**SW846 8270C**
N-Nitrosodiphenylamine	670	420	ug/kg	62	SW846 8270C
Pentachlorophenol	**670**	**330**	**ug/kg**	**50**	**SW846 8270C**
Phenanthrene	670	430	ug/kg	65	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-012

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
Pyrene	**670**	**460**	**ug/kg**	**69**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	430	ug/kg	65	SW846 8270C
2,4,6-Trichloro-phenol	670	400	ug/kg	60	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	63	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-012
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyridine	41	(22 - 110)	SW846 8270C
2,2'-Oxybis(1-Chloropropa	63	(36 - 116)	SW846 8270C
Acenaphthene	**60**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	63	(47 - 110)	SW846 8270C
Acetophenone	64	(50 - 130)	SW846 8270C
Anthracene	69	(56 - 111)	SW846 8270C
Atrazine	87	(50 - 130)	SW846 8270C
Benzo(a)anthracene	66	(58 - 111)	SW846 8270C
Benzo(a)pyrene	69	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	74	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	74	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	69	(38 - 122)	SW846 8270C
Benzaldehyde	78	(10 - 130)	SW846 8270C
1,1'-Biphenyl	65	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	64	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	61	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	73	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	72	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	74	(57 - 121)	SW846 8270C
Caprolactam	78	(50 - 130)	SW846 8270C
Carbazole	71	(56 - 115)	SW846 8270C
4-Chloroaniline	37	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**62**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	61	(46 - 110)	SW846 8270C
2-Chlorophenol	**58**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	68	(53 - 110)	SW846 8270C
Chrysene	70	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	75	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-012

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	62	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	42	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	63	(40 - 110)	SW846 8270C
Diethyl phthalate	72	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	41	(28 - 110)	SW846 8270C
Dimethyl phthalate	66	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	77	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	56	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	50	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**70**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	70	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	74	(45 - 123)	SW846 8270C
Fluoranthene	75	(55 - 118)	SW846 8270C
Fluorene	62	(51 - 110)	SW846 8270C
Hexachlorobenzene	68	(51 - 110)	SW846 8270C
Hexachlorobutadiene	68	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	49	(10 - 110)	SW846 8270C
Hexachloroethane	64	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	75	(45 - 121)	SW846 8270C
Isophorone	68	(46 - 117)	SW846 8270C
2-Methylnaphthalene	66	(46 - 110)	SW846 8270C
2-Methylphenol	60	(36 - 110)	SW846 8270C
4-Methylphenol	62	(40 - 110)	SW846 8270C
Naphthalene	58	(42 - 110)	SW846 8270C
2-Nitroaniline	67	(47 - 124)	SW846 8270C
3-Nitroaniline	54	(44 - 110)	SW846 8270C
4-Nitroaniline	65	(50 - 110)	SW846 8270C
Nitrobenzene	66	(40 - 110)	SW846 8270C
2-Nitrophenol	62	(35 - 110)	SW846 8270C
4-Nitrophenol	**62**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**62**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	62	(54 - 112)	SW846 8270C
Pentachlorophenol	**50**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	65	(54 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM271AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-012

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**60**	**(39 - 110)**	**SW846 8270C**
Pyrene	**69**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	65	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	60	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	63	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-054
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	390	ug/kg	58	SW846 8270C
Pyridine	670	310	ug/kg	46	SW846 8270C
Acenaphthene	**670**	**450**	**ug/kg**	**67**	**SW846 8270C**
Acenaphthylene	670	490	ug/kg	74	SW846 8270C
Acetophenone	670	420	ug/kg	62	SW846 8270C
Anthracene	670	530	ug/kg	80	SW846 8270C
Atrazine	670	590	ug/kg	88	SW846 8270C
Benzo(a)anthracene	670	500	ug/kg	75	SW846 8270C
Benzo(a)pyrene	670	520	ug/kg	77	SW846 8270C
Benzo(b)fluoranthene	670	560	ug/kg	84	SW846 8270C
Benzo(ghi)perylene	670	560	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	670	520	ug/kg	78	SW846 8270C
Benzaldehyde	670	470	ug/kg	71	SW846 8270C
1,1'-Biphenyl	670	410	ug/kg	61	SW846 8270C
bis(2-Chloroethoxy) methane	670	430	ug/kg	65	SW846 8270C
bis(2-Chloroethyl)- ether	670	410	ug/kg	62	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	490	ug/kg	73	SW846 8270C
4-Bromophenyl phenyl ether	670	580	ug/kg	88	SW846 8270C
Butyl benzyl phthalate	670	520	ug/kg	77	SW846 8270C
Caprolactam	670	520	ug/kg	78	SW846 8270C
Carbazole	670	510	ug/kg	77	SW846 8270C
4-Chloroaniline	670	260	ug/kg	38	SW846 8270C
4-Chloro-3-methylphenol	**670**	**470**	**ug/kg**	**71**	**SW846 8270C**
2-Chloronaphthalene	670	480	ug/kg	72	SW846 8270C
2-Chlorophenol	**670**	**460**	**ug/kg**	**69**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	560	ug/kg	84	SW846 8270C
Chrysene	670	540	ug/kg	81	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-054

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	670	570	ug/kg	85	SW846 8270C
Dibenzofuran	670	490	ug/kg	73	SW846 8270C
3,3'-Dichlorobenzidine	670	250	ug/kg	38	SW846 8270C
2,4-Dichlorophenol	670	500	ug/kg	75	SW846 8270C
Diethyl phthalate	670	530	ug/kg	80	SW846 8270C
2,4-Dimethylphenol	670	390	ug/kg	58	SW846 8270C
Dimethyl phthalate	670	520	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	670	570	ug/kg	86	SW846 8270C
4,6-Dinitro-2-methylphenol	670	400	ug/kg	60	SW846 8270C
2,4-Dinitrophenol	670	310	ug/kg	46	SW846 8270C
2,4-Dinitrotoluene	**670**	**560**	**ug/kg**	**84**	**SW846 8270C**
2,6-Dinitrotoluene	670	550	ug/kg	83	SW846 8270C
Di-n-octyl phthalate	670	460	ug/kg	69	SW846 8270C
Fluoranthene	670	600	ug/kg	91	SW846 8270C
Fluorene	670	490	ug/kg	73	SW846 8270C
Hexachlorobenzene	670	560	ug/kg	84	SW846 8270C
Hexachlorobutadiene	670	550	ug/kg	83	SW846 8270C
Hexachlorocyclopenta-diene	670	450	ug/kg	67	SW846 8270C
Hexachloroethane	670	480	ug/kg	72	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	570	ug/kg	85	SW846 8270C
Isophorone	670	470	ug/kg	71	SW846 8270C
2-Methylnaphthalene	670	510	ug/kg	76	SW846 8270C
2-Methylphenol	670	420	ug/kg	63	SW846 8270C
4-Methylphenol	1300	890	ug/kg	66	SW846 8270C
Naphthalene	670	440	ug/kg	67	SW846 8270C
2-Nitroaniline	670	460	ug/kg	70	SW846 8270C
3-Nitroaniline	670	440	ug/kg	65	SW846 8270C
4-Nitroaniline	670	500	ug/kg	74	SW846 8270C
Nitrobenzene	670	480	ug/kg	72	SW846 8270C
2-Nitrophenol	670	520	ug/kg	78	SW846 8270C
4-Nitrophenol	**670**	**450**	**ug/kg**	**67**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
N-Nitrosodiphenylamine	670	490	ug/kg	73	SW846 8270C
Pentachlorophenol	**670**	**280**	**ug/kg**	**42**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-054

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	670	500	ug/kg	75	SW846 8270C
Phenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
Pyrene	**670**	**520**	**ug/kg**	**78**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	530	ug/kg	79	SW846 8270C
2,4,6-Trichloro-phenol	670	490	ug/kg	73	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	73	(26 - 110)
2,4,6-Tribromophenol	87	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-054
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	58	(36 - 116)	SW846 8270C
Pyridine	46	(22 - 110)	SW846 8270C
Acenaphthene	**67**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	74	(47 - 110)	SW846 8270C
Acetophenone	62	(50 - 130)	SW846 8270C
Anthracene	80	(56 - 111)	SW846 8270C
Atrazine	88	(50 - 130)	SW846 8270C
Benzo(a)anthracene	75	(58 - 111)	SW846 8270C
Benzo(a)pyrene	77	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	84	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	84	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	78	(38 - 122)	SW846 8270C
Benzaldehyde	71	(10 - 130)	SW846 8270C
1,1'-Biphenyl	61	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	62	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	73	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	88	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	77	(57 - 121)	SW846 8270C
Caprolactam	78	(50 - 130)	SW846 8270C
Carbazole	77	(56 - 115)	SW846 8270C
4-Chloroaniline	38	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**71**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	72	(46 - 110)	SW846 8270C
2-Chlorophenol	**69**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	84	(53 - 110)	SW846 8270C
Chrysene	81	(56 - 111)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-054

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	85	(45 - 122)	SW846 8270C
Dibenzofuran	73	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	38	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	75	(40 - 110)	SW846 8270C
Diethyl phthalate	80	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	58	(28 - 110)	SW846 8270C
Dimethyl phthalate	78	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	86	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	60	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	46	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**84**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	83	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	69	(45 - 123)	SW846 8270C
Fluoranthene	91	(55 - 118)	SW846 8270C
Fluorene	73	(51 - 110)	SW846 8270C
Hexachlorobenzene	84	(51 - 110)	SW846 8270C
Hexachlorobutadiene	83	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	67	(10 - 110)	SW846 8270C
Hexachloroethane	72	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	85	(45 - 121)	SW846 8270C
Isophorone	71	(46 - 117)	SW846 8270C
2-Methylnaphthalene	76	(46 - 110)	SW846 8270C
2-Methylphenol	63	(36 - 110)	SW846 8270C
4-Methylphenol	66	(40 - 110)	SW846 8270C
Naphthalene	67	(42 - 110)	SW846 8270C
2-Nitroaniline	70	(47 - 124)	SW846 8270C
3-Nitroaniline	65	(44 - 110)	SW846 8270C
4-Nitroaniline	74	(50 - 110)	SW846 8270C
Nitrobenzene	72	(40 - 110)	SW846 8270C
2-Nitrophenol	78	(35 - 110)	SW846 8270C
4-Nitrophenol	**67**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**63**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	73	(54 - 112)	SW846 8270C
Pentachlorophenol	**42**	**(10 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-054

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	75	(54 - 110)	SW846 8270C
Phenol	**64**	**(39 - 110)**	**SW846 8270C**
Pyrene	**78**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	79	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	73	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	73	(26 - 110)
2,4,6-Tribromophenol	87	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-245
Prep Date.....: 03/18/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8078245
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	380	ug/kg	57	SW846 8270C
Pyridine	670	280	ug/kg	42	SW846 8270C
Acenaphthene	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
Acenaphthylene	670	470	ug/kg	70	SW846 8270C
Acetophenone	670	400	ug/kg	60	SW846 8270C
Anthracene	670	520	ug/kg	79	SW846 8270C
Atrazine	670	610	ug/kg	91	SW846 8270C
Benzo(a)anthracene	670	520	ug/kg	78	SW846 8270C
Benzo(a)pyrene	670	530	ug/kg	79	SW846 8270C
Benzo(b)fluoranthene	670	540	ug/kg	80	SW846 8270C
Benzo(ghi)perylene	670	570	ug/kg	85	SW846 8270C
Benzo(k)fluoranthene	670	550	ug/kg	82	SW846 8270C
Benzaldehyde	670	470	ug/kg	70	SW846 8270C
1,1'-Biphenyl	670	380	ug/kg	57	SW846 8270C
bis(2-Chloroethoxy) methane	670	410	ug/kg	62	SW846 8270C
bis(2-Chloroethyl)- ether	670	420	ug/kg	64	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	510	ug/kg	77	SW846 8270C
4-Bromophenyl phenyl ether	670	570	ug/kg	86	SW846 8270C
Butyl benzyl phthalate	670	530	ug/kg	80	SW846 8270C
Caprolactam	670	500	ug/kg	75	SW846 8270C
Carbazole	670	520	ug/kg	78	SW846 8270C
4-Chloroaniline	670	250	ug/kg	37	SW846 8270C
4-Chloro-3-methylphenol	**670**	**450**	**ug/kg**	**68**	**SW846 8270C**
2-Chloronaphthalene	670	460	ug/kg	69	SW846 8270C
2-Chlorophenol	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	540	ug/kg	81	SW846 8270C
Chrysene	670	550	ug/kg	82	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-245

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	670	580	ug/kg	87	SW846 8270C
Dibenzofuran	670	470	ug/kg	70	SW846 8270C
3,3'-Dichlorobenzidine	670	280	ug/kg	42	SW846 8270C
2,4-Dichlorophenol	670	470	ug/kg	70	SW846 8270C
Diethyl phthalate	670	520	ug/kg	79	SW846 8270C
2,4-Dimethylphenol	670	410	ug/kg	61	SW846 8270C
Dimethyl phthalate	670	510	ug/kg	77	SW846 8270C
Di-n-butyl phthalate	670	580	ug/kg	87	SW846 8270C
4,6-Dinitro-2-methylphenol	670	380	ug/kg	57	SW846 8270C
2,4-Dinitrophenol	670	240	ug/kg	36	SW846 8270C
2,4-Dinitrotoluene	**670**	**560**	**ug/kg**	**84**	**SW846 8270C**
2,6-Dinitrotoluene	670	540	ug/kg	81	SW846 8270C
Di-n-octyl phthalate	670	480	ug/kg	72	SW846 8270C
Fluoranthene	670	610	ug/kg	91	SW846 8270C
Fluorene	670	480	ug/kg	71	SW846 8270C
Hexachlorobenzene	670	560	ug/kg	84	SW846 8270C
Hexachlorobutadiene	670	540	ug/kg	81	SW846 8270C
Hexachlorocyclopenta-diene	670	430	ug/kg	65	SW846 8270C
Hexachloroethane	670	450	ug/kg	67	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	580	ug/kg	86	SW846 8270C
Isophorone	670	450	ug/kg	68	SW846 8270C
2-Methylnaphthalene	670	500	ug/kg	75	SW846 8270C
2-Methylphenol	670	430	ug/kg	65	SW846 8270C
4-Methylphenol	1300	890	ug/kg	67	SW846 8270C
Naphthalene	670	440	ug/kg	66	SW846 8270C
2-Nitroaniline	670	440	ug/kg	66	SW846 8270C
3-Nitroaniline	670	420	ug/kg	63	SW846 8270C
4-Nitroaniline	670	500	ug/kg	75	SW846 8270C
Nitrobenzene	670	470	ug/kg	70	SW846 8270C
2-Nitrophenol	670	490	ug/kg	73	SW846 8270C
4-Nitrophenol	**670**	**430**	**ug/kg**	**65**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**420**	**ug/kg**	**62**	**SW846 8270C**
N-Nitrosodiphenylamine	670	480	ug/kg	72	SW846 8270C
Pentachlorophenol	**670**	**280**	**ug/kg**	**41**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-245

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	670	500	ug/kg	74	SW846 8270C
Phenol	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
Pyrene	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	480	ug/kg	73	SW846 8270C
2,4,6-Trichloro-phenol	670	470	ug/kg	70	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	87	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-245
Prep Date.....: 03/18/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8078245
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	57	(36 - 116)	SW846 8270C
Pyridine	42	(22 - 110)	SW846 8270C
Acenaphthene	**64**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	70	(47 - 110)	SW846 8270C
Acetophenone	60	(50 - 130)	SW846 8270C
Anthracene	79	(56 - 111)	SW846 8270C
Atrazine	91	(50 - 130)	SW846 8270C
Benzo(a)anthracene	78	(58 - 111)	SW846 8270C
Benzo(a)pyrene	79	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	80	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	85	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	82	(38 - 122)	SW846 8270C
Benzaldehyde	70	(10 - 130)	SW846 8270C
1,1'-Biphenyl	57	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	62	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	64	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	77	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	86	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	80	(57 - 121)	SW846 8270C
Caprolactam	75	(50 - 130)	SW846 8270C
Carbazole	78	(56 - 115)	SW846 8270C
4-Chloroaniline	37	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**68**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	69	(46 - 110)	SW846 8270C
2-Chlorophenol	**66**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	81	(53 - 110)	SW846 8270C
Chrysene	82	(56 - 111)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-245

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	87	(45 - 122)	SW846 8270C
Dibenzofuran	70	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	42	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	70	(40 - 110)	SW846 8270C
Diethyl phthalate	79	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	61	(28 - 110)	SW846 8270C
Dimethyl phthalate	77	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	87	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	57	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	36	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**84**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	81	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	72	(45 - 123)	SW846 8270C
Fluoranthene	91	(55 - 118)	SW846 8270C
Fluorene	71	(51 - 110)	SW846 8270C
Hexachlorobenzene	84	(51 - 110)	SW846 8270C
Hexachlorobutadiene	81	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	65	(10 - 110)	SW846 8270C
Hexachloroethane	67	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(45 - 121)	SW846 8270C
Isophorone	68	(46 - 117)	SW846 8270C
2-Methylnaphthalene	75	(46 - 110)	SW846 8270C
2-Methylphenol	65	(36 - 110)	SW846 8270C
4-Methylphenol	67	(40 - 110)	SW846 8270C
Naphthalene	66	(42 - 110)	SW846 8270C
2-Nitroaniline	66	(47 - 124)	SW846 8270C
3-Nitroaniline	63	(44 - 110)	SW846 8270C
4-Nitroaniline	75	(50 - 110)	SW846 8270C
Nitrobenzene	70	(40 - 110)	SW846 8270C
2-Nitrophenol	73	(35 - 110)	SW846 8270C
4-Nitrophenol	**65**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**62**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	72	(54 - 112)	SW846 8270C
Pentachlorophenol	**41**	**(10 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJRPP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C180000-245

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	74	(54 - 110)	SW846 8270C
Phenol	**63**	**(39 - 110)**	**SW846 8270C**
Pyrene	**79**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	73	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	70	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	64	(28 - 110)
2-Fluorophenol	72	(26 - 110)
2,4,6-Tribromophenol	87	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C200000-046
Prep Date.....: 03/20/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8080046
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	**670**	**390**	**ug/kg**	**58**	**SW846 8270C**
Acenaphthylene	670	410	ug/kg	61	SW846 8270C
Acetophenone	670	390	ug/kg	59	SW846 8270C
Anthracene	670	420	ug/kg	63	SW846 8270C
Atrazine	670	440	ug/kg	65	SW846 8270C
Benzo(a)anthracene	670	410	ug/kg	62	SW846 8270C
Benzo(b)fluoranthene	670	470	ug/kg	71	SW846 8270C
Benzo(k)fluoranthene	670	370	ug/kg	56	SW846 8270C
Benzo(ghi)perylene	670	430	ug/kg	65	SW846 8270C
Benzo(a)pyrene	670	410	ug/kg	61	SW846 8270C
bis(2-Chloroethoxy) methane	670	440	ug/kg	67	SW846 8270C
bis(2-Chloroethyl)- ether	670	490	ug/kg	73	SW846 8270C
2,2'-Oxybis(1-Chloropropa	670	430	ug/kg	65	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	400	ug/kg	61	SW846 8270C
4-Bromophenyl phenyl ether	670	480	ug/kg	72	SW846 8270C
Butyl benzyl phthalate	670	410	ug/kg	61	SW846 8270C
4-Chloroaniline	670	290	ug/kg	44	SW846 8270C
4-Chloro-3-methylphenol	**670**	**420**	**ug/kg**	**62**	**SW846 8270C**
2-Chloronaphthalene	670	410	ug/kg	61	SW846 8270C
2-Chlorophenol	**670**	**410**	**ug/kg**	**61**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	440	ug/kg	67	SW846 8270C
Chrysene	670	390	ug/kg	59	SW846 8270C
Dibenz(a,h)anthracene	670	440	ug/kg	66	SW846 8270C
Dibenzofuran	670	390	ug/kg	59	SW846 8270C
Di-n-butyl phthalate	670	430	ug/kg	65	SW846 8270C
3,3'-Dichlorobenzidine	670	260	ug/kg	39	SW846 8270C
2,4-Dichlorophenol	670	430	ug/kg	64	SW846 8270C
Diethyl phthalate	670	400	ug/kg	60	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C200000-046

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4-Dimethylphenol	670	380	ug/kg	57	SW846 8270C
Dimethyl phthalate	670	410	ug/kg	62	SW846 8270C
Di-n-octyl phthalate	670	400	ug/kg	60	SW846 8270C
4,6-Dinitro-2-methylphenol	670	290	ug/kg	44	SW846 8270C
2,4-Dinitrophenol	670	260	ug/kg	40	SW846 8270C
2,4-Dinitrotoluene	**670**	**430**	**ug/kg**	**65**	**SW846 8270C**
2,6-Dinitrotoluene	670	440	ug/kg	65	SW846 8270C
Fluoranthene	670	450	ug/kg	67	SW846 8270C
Fluorene	670	400	ug/kg	59	SW846 8270C
Hexachlorobenzene	670	450	ug/kg	68	SW846 8270C
Hexachlorobutadiene	670	480	ug/kg	72	SW846 8270C
Hexachlorocyclopenta-diene	670	310	ug/kg	46	SW846 8270C
Hexachloroethane	670	440	ug/kg	67	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	440	ug/kg	66	SW846 8270C
Isophorone	670	480	ug/kg	72	SW846 8270C
2-Methylnaphthalene	670	460	ug/kg	68	SW846 8270C
2-Methylphenol	670	470	ug/kg	71	SW846 8270C
4-Methylphenol	670	870 a	ug/kg	130	SW846 8270C
Naphthalene	670	400	ug/kg	60	SW846 8270C
2-Nitroaniline	670	420	ug/kg	63	SW846 8270C
3-Nitroaniline	670	360	ug/kg	54	SW846 8270C
4-Nitroaniline	670	390	ug/kg	59	SW846 8270C
Nitrobenzene	670	460	ug/kg	69	SW846 8270C
2-Nitrophenol	670	450	ug/kg	67	SW846 8270C
4-Nitrophenol	**670**	**300**	**ug/kg**	**45**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**440**	**ug/kg**	**66**	**SW846 8270C**
N-Nitrosodiphenylamine	670	390	ug/kg	58	SW846 8270C
Pentachlorophenol	**670**	**140**	**ug/kg**	**20**	**SW846 8270C**
Phenanthrene	670	400	ug/kg	60	SW846 8270C
Phenol	**670**	**430**	**ug/kg**	**64**	**SW846 8270C**
Pyrene	**670**	**400**	**ug/kg**	**60**	**SW846 8270C**
Pyridine	670	300	ug/kg	45	SW846 8270C
2,4,5-Trichloro-phenol	670	420	ug/kg	63	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C200000-046

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4,6-Trichloro-phenol	670	410	ug/kg	61	SW846 8270C
Carbazole	670	420	ug/kg	62	SW846 8270C
Benzaldehyde	670	460	ug/kg	68	SW846 8270C
1,1'-Biphenyl	670	380	ug/kg	57	SW846 8270C
Caprolactam	670	430	ug/kg	64	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	67	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C200000-046
Prep Date.....: 03/20/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8080046
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	**58**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	61	(47 - 110)	SW846 8270C
Acetophenone	59	(50 - 130)	SW846 8270C
Anthracene	63	(56 - 111)	SW846 8270C
Atrazine	65	(50 - 130)	SW846 8270C
Benzo(a)anthracene	62	(58 - 111)	SW846 8270C
Benzo(b)fluoranthene	71	(43 - 124)	SW846 8270C
Benzo(k)fluoranthene	56	(38 - 122)	SW846 8270C
Benzo(ghi)perylene	65	(44 - 120)	SW846 8270C
Benzo(a)pyrene	61	(44 - 115)	SW846 8270C
bis(2-Chloroethoxy) methane	67	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	73	(41 - 110)	SW846 8270C
2,2'-Oxybis(1-Chloropropa	65	(36 - 116)	SW846 8270C
bis(2-Ethylhexyl) phthalate	61	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	72	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	61	(57 - 121)	SW846 8270C
4-Chloroaniline	44	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**62**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	61	(46 - 110)	SW846 8270C
2-Chlorophenol	**61**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	67	(53 - 110)	SW846 8270C
Chrysene	59	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	66	(45 - 122)	SW846 8270C
Dibenzofuran	59	(50 - 110)	SW846 8270C
Di-n-butyl phthalate	65	(57 - 119)	SW846 8270C
3,3'-Dichlorobenzidine	39	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	64	(40 - 110)	SW846 8270C
Diethyl phthalate	60	(55 - 114)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C200000-046

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4-Dimethylphenol	57	(28 - 110)	SW846 8270C
Dimethyl phthalate	62	(54 - 112)	SW846 8270C
Di-n-octyl phthalate	60	(45 - 123)	SW846 8270C
4,6-Dinitro-2-methylphenol	44	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	40	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**65**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	65	(54 - 115)	SW846 8270C
Fluoranthene	67	(55 - 118)	SW846 8270C
Fluorene	59	(51 - 110)	SW846 8270C
Hexachlorobenzene	68	(51 - 110)	SW846 8270C
Hexachlorobutadiene	72	(39 - 110)	SW846 8270C
Hexachlorocyclopenta-diene	46	(10 - 110)	SW846 8270C
Hexachloroethane	67	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	66	(45 - 121)	SW846 8270C
Isophorone	72	(46 - 117)	SW846 8270C
2-Methylnaphthalene	68	(46 - 110)	SW846 8270C
2-Methylphenol	71	(36 - 110)	SW846 8270C
4-Methylphenol	130 a	(40 - 110)	SW846 8270C
Naphthalene	60	(42 - 110)	SW846 8270C
2-Nitroaniline	63	(47 - 124)	SW846 8270C
3-Nitroaniline	54	(44 - 110)	SW846 8270C
4-Nitroaniline	59	(50 - 110)	SW846 8270C
Nitrobenzene	69	(40 - 110)	SW846 8270C
2-Nitrophenol	67	(35 - 110)	SW846 8270C
4-Nitrophenol	**45**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**66**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	58	(54 - 112)	SW846 8270C
Pentachlorophenol	**20**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	60	(54 - 110)	SW846 8270C
Phenol	**64**	**(39 - 110)**	**SW846 8270C**
Pyrene	**60**	**(58 - 113)**	**SW846 8270C**
Pyridine	45	(22 - 110)	SW846 8270C
2,4,5-Trichloro-phenol	63	(42 - 110)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJWMP1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C200000-046

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4,6-Trichloro-phenol	61	(37 - 110)	SW846 8270C
Carbazole	62	(56 - 115)	SW846 8270C
Benzaldehyde	68	(10 - 130)	SW846 8270C
1,1'-Biphenyl	57	(50 - 130)	SW846 8270C
Caprolactam	64	(50 - 130)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(24 - 112)
2-Fluorobiphenyl	58	(34 - 110)
Terphenyl-d14	67	(41 - 119)
Phenol-d5	65	(28 - 110)
2-Fluorophenol	66	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	500	ug/kg	66	14	SW846 8270C
Pyridine	ND	760	330	ug/kg	44		SW846 8270C
	ND	760	280	ug/kg	37	17	SW846 8270C
Acenaphthene	**ND**	**760**	**500**	**ug/kg**	**67**		**SW846 8270C**
	ND	**760**	**480**	**ug/kg**	**63**	**5.8**	**SW846 8270C**
Acenaphthylene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	470	ug/kg	62	8.0	SW846 8270C
Acetophenone	ND	760	530	ug/kg	69		SW846 8270C
	ND	760	450	ug/kg	59	16	SW846 8270C
Anthracene	ND	760	560	ug/kg	73		SW846 8270C
	ND	760	560	ug/kg	73	0.06	SW846 8270C
Atrazine	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	590	ug/kg	78	1.5	SW846 8270C
Benzo(a)anthracene	ND	760	550	ug/kg	72		SW846 8270C
	ND	760	560	ug/kg	74	2.6	SW846 8270C
Benzo(a)pyrene	ND	760	560	ug/kg	74		SW846 8270C
	ND	760	540	ug/kg	72	3.3	SW846 8270C
Benzo(b)fluoranthene	ND	760	620	ug/kg	81		SW846 8270C
	ND	760	570	ug/kg	75	7.8	SW846 8270C
Benzo(ghi)perylene	ND	760	560	ug/kg	74		SW846 8270C
	ND	760	550	ug/kg	73	1.7	SW846 8270C
Benzo(k)fluoranthene	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	530	ug/kg	70	2.2	SW846 8270C
Benzaldehyde	ND	760	490	ug/kg	64		SW846 8270C
	ND	760	430	ug/kg	57	12	SW846 8270C
1,1'-Biphenyl	ND	760	480	ug/kg	63		SW846 8270C
	ND	760	450	ug/kg	59	6.3	SW846 8270C
bis(2-Chloroethoxy) methane	ND	760	530	ug/kg	69		SW846 8270C
	ND	760	490	ug/kg	64	7.9	SW846 8270C
bis(2-Chloroethyl)-ether	ND	760	520	ug/kg	69		SW846 8270C
	ND	760	450	ug/kg	60	14	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	160	760	710	ug/kg	72		SW846 8270C
	160	760	690	ug/kg	70	2.5	SW846 8270C
4-Bromophenyl phenyl ether	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	76	3.0	SW846 8270C
Butyl benzyl phthalate	ND	760	570	ug/kg	76		SW846 8270C
	ND	760	580	ug/kg	77	0.74	SW846 8270C
Caprolactam	ND	760	470	ug/kg	62		SW846 8270C
	ND	760	540	ug/kg	72	14	SW846 8270C
Carbazole	ND	760	560	ug/kg	73		SW846 8270C
	ND	760	550	ug/kg	72	1.6	SW846 8270C
4-Chloroaniline	ND	760	330	ug/kg	43		SW846 8270C
	ND	760	340	ug/kg	45	3.0	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**760**	**570**	**ug/kg**	**75**		**SW846 8270C**
	ND	**760**	**540**	**ug/kg**	**71**	**4.6**	**SW846 8270C**
2-Chloronaphthalene	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	470	ug/kg	62	9.2	SW846 8270C
2-Chlorophenol	**ND**	**760**	**570**	**ug/kg**	**75**		**SW846 8270C**
	ND	**760**	**500**	**ug/kg**	**66**	**12**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	760	570	ug/kg	75		SW846 8270C
	ND	760	530	ug/kg	70	6.6	SW846 8270C
Chrysene	8.3	760	580	ug/kg	75		SW846 8270C
	8.3	760	590	ug/kg	76	1.5	SW846 8270C
Dibenz(a,h)anthracene	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	570	ug/kg	75	2.1	SW846 8270C
Dibenzofuran	ND	760	530	ug/kg	71		SW846 8270C
	ND	760	500	ug/kg	66	6.9	SW846 8270C
3,3'-Dichlorobenzidine	ND	760	290	ug/kg	38		SW846 8270C
	ND	760	330	ug/kg	44	14	SW846 8270C
2,4-Dichlorophenol	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	490	ug/kg	65	4.1	SW846 8270C
Diethyl phthalate	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	560	ug/kg	74	3.3	SW846 8270C
2,4-Dimethylphenol	ND	760	500	ug/kg	66		SW846 8270C
	ND	760	450	ug/kg	59	11	SW846 8270C
Dimethyl phthalate	ND	760	570	ug/kg	76		SW846 8270C
	ND	760	550	ug/kg	72	4.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	590	ug/kg	79	0.38	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	760	230	ug/kg	31		SW846 8270C
	ND	760	350	ug/kg	46 p	40	SW846 8270C
2,4-Dinitrophenol	ND	760	110	ug/kg	14		SW846 8270C
	ND	760	180	ug/kg	24 p	48	SW846 8270C
2,4-Dinitrotoluene	**ND**	**760**	**620**	**ug/kg**	**82**		**SW846 8270C**
	ND	**760**	**590**	**ug/kg**	**78**	**4.9**	**SW846 8270C**
2,6-Dinitrotoluene	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	560	ug/kg	74	5.5	SW846 8270C
Di-n-octyl phthalate	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	570	ug/kg	76	1.0	SW846 8270C
Fluoranthene	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	76	3.2	SW846 8270C
Fluorene	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	510	ug/kg	68	4.3	SW846 8270C
Hexachlorobenzene	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	540	ug/kg	71	1.0	SW846 8270C
Hexachlorobutadiene	ND	760	500	ug/kg	65		SW846 8270C
	ND	760	450	ug/kg	59	9.8	SW846 8270C
Hexachlorocyclopenta-diene	ND	760	370	ug/kg	49		SW846 8270C
	ND	760	350	ug/kg	47	5.4	SW846 8270C
Hexachloroethane	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	450	ug/kg	60	16	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	580	ug/kg	76	0.70	SW846 8270C
Isophorone	ND	760	560	ug/kg	74		SW846 8270C
	ND	760	520	ug/kg	69	6.6	SW846 8270C
2-Methylnaphthalene	ND	760	550	ug/kg	72		SW846 8270C
	ND	760	500	ug/kg	66	9.4	SW846 8270C
2-Methylphenol	ND	760	570	ug/kg	76		SW846 8270C
	ND	760	490	ug/kg	65	16	SW846 8270C
4-Methylphenol	ND	1500	1200	ug/kg	79		SW846 8270C
	ND	1500	1000	ug/kg	67	16	SW846 8270C
Naphthalene	ND	760	480	ug/kg	63		SW846 8270C
	ND	760	440	ug/kg	58	8.0	SW846 8270C
2-Nitroaniline	ND	760	560	ug/kg	74		SW846 8270C
	ND	760	550	ug/kg	72	2.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	760	490	ug/kg	65		SW846 8270C
	ND	760	500	ug/kg	66	0.82	SW846 8270C
4-Nitroaniline	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	500	ug/kg	66	5.2	SW846 8270C
Nitrobenzene	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	470	ug/kg	63	11	SW846 8270C
2-Nitrophenol	ND	760	480	ug/kg	63		SW846 8270C
	ND	760	440	ug/kg	58	8.2	SW846 8270C
4-Nitrophenol	**ND**	**760**	**460**	**ug/kg**	**61**		**SW846 8270C**
	ND	**760**	**520**	**ug/kg**	**68**	**11**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**760**	**560**	**ug/kg**	**74**		**SW846 8270C**
	ND	**760**	**470**	**ug/kg**	**62**	**17**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	520	ug/kg	69	1.5	SW846 8270C
Pentachlorophenol	**ND**	**760**	**230**	**ug/kg**	**30**		**SW846 8270C**
	ND	**760**	**340**	**ug/kg**	**45 p**	**38**	**SW846 8270C**
Phenanthrene	ND	760	540	ug/kg	72		SW846 8270C
	ND	760	530	ug/kg	70	2.0	SW846 8270C
Phenol	**ND**	**760**	**600**	**ug/kg**	**79**		**SW846 8270C**
	ND	**760**	**510**	**ug/kg**	**67**	**16**	**SW846 8270C**
Pyrene	**ND**	**760**	**540**	**ug/kg**	**71**		**SW846 8270C**
	ND	**760**	**570**	**ug/kg**	**75**	**5.3**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	520	ug/kg	69	0.92	SW846 8270C
2,4,6-Trichloro-phenol	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	510	ug/kg	68	2.7	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
	53	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
	57	(34 - 110)
Terphenyl-d14	78	(41 - 119)
	83	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	68	(28 - 110)
	60	(28 - 110)
2-Fluorophenol	69	(26 - 110)
	63	(26 - 110)
2,4,6-Tribromophenol	62	(10 - 118)
	65	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/13/08
Prep Batch #...: 8072430
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	77	(25 - 124)			SW846 8270C
	66	(25 - 124)	14	(0-30)	SW846 8270C
Pyridine	44	(10 - 110)			SW846 8270C
	37	(10 - 110)	17	(0-30)	SW846 8270C
Acenaphthene	**67**	**(10 - 200)**			**SW846 8270C**
	63	**(10 - 200)**	**5.8**	**(0-30)**	**SW846 8270C**
Acenaphthylene	67	(10 - 200)			SW846 8270C
	62	(10 - 200)	8.0	(0-30)	SW846 8270C
Acetophenone	69	(50 - 130)			SW846 8270C
	59	(50 - 130)	16	(0-30)	SW846 8270C
Anthracene	73	(10 - 200)			SW846 8270C
	73	(10 - 200)	0.06	(0-30)	SW846 8270C
Atrazine	79	(50 - 130)			SW846 8270C
	78	(50 - 130)	1.5	(0-30)	SW846 8270C
Benzo(a)anthracene	72	(10 - 200)			SW846 8270C
	74	(10 - 200)	2.6	(0-30)	SW846 8270C
Benzo(a)pyrene	74	(10 - 200)			SW846 8270C
	72	(10 - 200)	3.3	(0-30)	SW846 8270C
Benzo(b)fluoranthene	81	(10 - 200)			SW846 8270C
	75	(10 - 200)	7.8	(0-30)	SW846 8270C
Benzo(ghi)perylene	74	(10 - 200)			SW846 8270C
	73	(10 - 200)	1.7	(0-30)	SW846 8270C
Benzo(k)fluoranthene	68	(10 - 200)			SW846 8270C
	70	(10 - 200)	2.2	(0-30)	SW846 8270C
Benzaldehyde	64	(10 - 130)			SW846 8270C
	57	(10 - 130)	12	(0-30)	SW846 8270C
1,1'-Biphenyl	63	(50 - 130)			SW846 8270C
	59	(50 - 130)	6.3	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	69	(36 - 110)			SW846 8270C
	64	(36 - 110)	7.9	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	69	(32 - 118)			SW846 8270C
	60	(32 - 118)	14	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	72	(10 - 200)			SW846 8270C
	70	(10 - 200)	2.5	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	78	(44 - 120)			SW846 8270C
	76	(44 - 120)	3.0	(0-30)	SW846 8270C
Butyl benzyl phthalate	76	(43 - 138)			SW846 8270C
	77	(43 - 138)	0.74	(0-30)	SW846 8270C
Caprolactam	62	(50 - 130)			SW846 8270C
	72	(50 - 130)	14	(0-30)	SW846 8270C
Carbazole	73	(10 - 162)			SW846 8270C
	72	(10 - 162)	1.6	(0-30)	SW846 8270C
4-Chloroaniline	43	(11 - 110)			SW846 8270C
	45	(11 - 110)	3.0	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**75**	**(32 - 117)**			**SW846 8270C**
	71	**(32 - 117)**	**4.6**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	68	(40 - 110)			SW846 8270C
	62	(40 - 110)	9.2	(0-30)	SW846 8270C
2-Chlorophenol	**75**	**(32 - 110)**			**SW846 8270C**
	66	**(32 - 110)**	**12**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	75	(47 - 116)			SW846 8270C
	70	(47 - 116)	6.6	(0-30)	SW846 8270C
Chrysene	75	(10 - 200)			SW846 8270C
	76	(10 - 200)	1.5	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	77	(10 - 200)			SW846 8270C
	75	(10 - 200)	2.1	(0-30)	SW846 8270C
Dibenzofuran	71	(10 - 200)			SW846 8270C
	66	(10 - 200)	6.9	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	38	(10 - 110)			SW846 8270C
	44	(10 - 110)	14	(0-30)	SW846 8270C
2,4-Dichlorophenol	67	(33 - 110)			SW846 8270C
	65	(33 - 110)	4.1	(0-30)	SW846 8270C
Diethyl phthalate	76	(48 - 118)			SW846 8270C
	74	(48 - 118)	3.3	(0-30)	SW846 8270C
2,4-Dimethylphenol	66	(19 - 114)			SW846 8270C
	59	(19 - 114)	11	(0-30)	SW846 8270C
Dimethyl phthalate	76	(47 - 116)			SW846 8270C
	72	(47 - 116)	4.4	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	78	(31 - 145)			SW846 8270C
	79	(31 - 145)	0.38	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	31	(10 - 110)			SW846 8270C
	46 p	(10 - 110)	40	(0-30)	SW846 8270C
2,4-Dinitrophenol	14	(10 - 110)			SW846 8270C
	24 p	(10 - 110)	48	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**82**	**(42 - 118)**			**SW846 8270C**
	78	**(42 - 118)**	**4.9**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	78	(28 - 137)			SW846 8270C
	74	(28 - 137)	5.5	(0-30)	SW846 8270C
Di-n-octyl phthalate	76	(10 - 182)			SW846 8270C
	76	(10 - 182)	1.0	(0-30)	SW846 8270C
Fluoranthene	78	(10 - 200)			SW846 8270C
	76	(10 - 200)	3.2	(0-30)	SW846 8270C
Fluorene	70	(10 - 187)			SW846 8270C
	68	(10 - 187)	4.3	(0-30)	SW846 8270C
Hexachlorobenzene	71	(37 - 122)			SW846 8270C
	71	(37 - 122)	1.0	(0-30)	SW846 8270C
Hexachlorobutadiene	65	(30 - 110)			SW846 8270C
	59	(30 - 110)	9.8	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	49	(10 - 110)			SW846 8270C
	47	(10 - 110)	5.4	(0-30)	SW846 8270C
Hexachloroethane	70	(13 - 110)			SW846 8270C
	60	(13 - 110)	16	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	77	(10 - 200)			SW846 8270C
	76	(10 - 200)	0.70	(0-30)	SW846 8270C
Isophorone	74	(32 - 129)			SW846 8270C
	69	(32 - 129)	6.6	(0-30)	SW846 8270C
2-Methylnaphthalene	72	(10 - 200)			SW846 8270C
	66	(10 - 200)	9.4	(0-30)	SW846 8270C
2-Methylphenol	76	(19 - 124)			SW846 8270C
	65	(19 - 124)	16	(0-30)	SW846 8270C
4-Methylphenol	79	(27 - 116)			SW846 8270C
	67	(27 - 116)	16	(0-30)	SW846 8270C
Naphthalene	63	(10 - 200)			SW846 8270C
	58	(10 - 200)	8.0	(0-30)	SW846 8270C
2-Nitroaniline	74	(31 - 141)			SW846 8270C
	72	(31 - 141)	2.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	65	(24 - 110)			SW846 8270C
	66	(24 - 110)	0.82	(0-30)	SW846 8270C
4-Nitroaniline	70	(23 - 124)			SW846 8270C
	66	(23 - 124)	5.2	(0-30)	SW846 8270C
Nitrobenzene	70	(33 - 111)			SW846 8270C
	63	(33 - 111)	11	(0-30)	SW846 8270C
2-Nitrophenol	63	(17 - 110)			SW846 8270C
	58	(17 - 110)	8.2	(0-30)	SW846 8270C
4-Nitrophenol	**61**	**(10 - 125)**			**SW846 8270C**
	68	**(10 - 125)**	**11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(30 - 121)**			**SW846 8270C**
	62	**(30 - 121)**	**17**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	70	(10 - 169)			SW846 8270C
	69	(10 - 169)	1.5	(0-30)	SW846 8270C
Pentachlorophenol	**30**	**(10 - 182)**			**SW846 8270C**
	45 p	**(10 - 182)**	**38**	**(0-30)**	**SW846 8270C**
Phenanthrene	72	(10 - 200)			SW846 8270C
	70	(10 - 200)	2.0	(0-30)	SW846 8270C
Phenol	**79**	**(10 - 144)**			**SW846 8270C**
	67	**(10 - 144)**	**16**	**(0-30)**	**SW846 8270C**
Pyrene	**71**	**(10 - 200)**			**SW846 8270C**
	75	**(10 - 200)**	**5.3**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	68	(32 - 112)			SW846 8270C
	69	(32 - 112)	0.92	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	70	(22 - 110)			SW846 8270C
	68	(22 - 110)	2.7	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
	53	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
	57	(34 - 110)
Terphenyl-d14	78	(41 - 119)
	83	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1CM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1CN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	68	(28 - 110)
	60	(28 - 110)
2-Fluorophenol	69	(26 - 110)
	63	(26 - 110)
2,4,6-Tribromophenol	62	(10 - 118)
	65	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	460	ug/kg	61		SW846 8270C
	ND	750	330	ug/kg	45 p	32	SW846 8270C
Pyridine	ND	750	220	ug/kg	30		SW846 8270C
	ND	750	100	ug/kg	14 p	72	SW846 8270C
Acenaphthene	**ND**	**750**	**490**	**ug/kg**	**65**		**SW846 8270C**
	ND	**750**	**430**	**ug/kg**	**58**	**12**	**SW846 8270C**
Acenaphthylene	ND	750	490	ug/kg	65		SW846 8270C
	ND	750	430	ug/kg	58	11	SW846 8270C
Acetophenone	ND	750	410	ug/kg	55		SW846 8270C
	ND	750	300	ug/kg	41 a	30	SW846 8270C
Anthracene	ND	750	610	ug/kg	81		SW846 8270C
	ND	750	560	ug/kg	75	8.7	SW846 8270C
Atrazine	ND	750	660	ug/kg	88		SW846 8270C
	ND	750	620	ug/kg	82	6.9	SW846 8270C
Benzo(a)anthracene	ND	750	620	ug/kg	83		SW846 8270C
	ND	750	610	ug/kg	81	2.2	SW846 8270C
Benzo(a)pyrene	ND	750	600	ug/kg	81		SW846 8270C
	ND	750	600	ug/kg	80	1.1	SW846 8270C
Benzo(b)fluoranthene	ND	750	640	ug/kg	85		SW846 8270C
	ND	750	660	ug/kg	88	3.4	SW846 8270C
Benzo(ghi)perylene	ND	750	650	ug/kg	87		SW846 8270C
	ND	750	630	ug/kg	84	3.2	SW846 8270C
Benzo(k)fluoranthene	ND	750	590	ug/kg	78		SW846 8270C
	ND	750	600	ug/kg	79	1.4	SW846 8270C
Benzaldehyde	ND	750	390	ug/kg	52		SW846 8270C
	ND	750	240	ug/kg	31 p	49	SW846 8270C
1,1'-Biphenyl	ND	750	450	ug/kg	60		SW846 8270C
	ND	750	380	ug/kg	50	18	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	420	ug/kg	55	13	SW846 8270C
bis(2-Chloroethyl)- ether	ND	750	460	ug/kg	62		SW846 8270C
	ND	750	440	ug/kg	59	4.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	76	750	790	ug/kg	95		SW846 8270C
	76	750	630	ug/kg	74	22	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	620	ug/kg	83		SW846 8270C
	ND	750	590	ug/kg	79	4.3	SW846 8270C
Butyl benzyl phthalate	ND	750	670	ug/kg	90		SW846 8270C
	ND	750	530	ug/kg	71	23	SW846 8270C
Caprolactam	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	510	ug/kg	68	0.70	SW846 8270C
Carbazole	ND	750	630	ug/kg	84		SW846 8270C
	ND	750	570	ug/kg	76	9.7	SW846 8270C
4-Chloroaniline	ND	750	370	ug/kg	49		SW846 8270C
	ND	750	350	ug/kg	47	4.1	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**550**	**ug/kg**	**73**		**SW846 8270C**
	ND	**750**	**470**	**ug/kg**	**63**	**14**	**SW846 8270C**
2-Chloronaphthalene	ND	750	480	ug/kg	64		SW846 8270C
	ND	750	410	ug/kg	55	15	SW846 8270C
2-Chlorophenol	**ND**	**750**	**450**	**ug/kg**	**60**		**SW846 8270C**
	ND	**750**	**350**	**ug/kg**	**47**	**24**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	560	ug/kg	74	1.0	SW846 8270C
Chrysene	ND	750	650	ug/kg	87		SW846 8270C
	ND	750	640	ug/kg	85	1.8	SW846 8270C
Dibenz(a,h)anthracene	ND	750	640	ug/kg	86		SW846 8270C
	ND	750	630	ug/kg	84	2.6	SW846 8270C
Dibenzofuran	ND	750	520	ug/kg	69		SW846 8270C
	ND	750	470	ug/kg	62	9.7	SW846 8270C
3,3'-Dichlorobenzidine	ND	750	360	ug/kg	48		SW846 8270C
	ND	750	410	ug/kg	54	12	SW846 8270C
2,4-Dichlorophenol	ND	750	470	ug/kg	63		SW846 8270C
	ND	750	440	ug/kg	58	8.3	SW846 8270C
Diethyl phthalate	ND	750	590	ug/kg	78		SW846 8270C
	ND	750	540	ug/kg	72	8.5	SW846 8270C
2,4-Dimethylphenol	ND	750	410	ug/kg	55		SW846 8270C
	ND	750	310	ug/kg	42	27	SW846 8270C
Dimethyl phthalate	ND	750	590	ug/kg	78		SW846 8270C
	ND	750	530	ug/kg	70	11	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	750	680	ug/kg	91		SW846 8270C
	ND	750	570	ug/kg	76	18	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	500	ug/kg	66		SW846 8270C
	ND	750	310	ug/kg	41 p	47	SW846 8270C
2,4-Dinitrophenol	ND	750	330	ug/kg	44		SW846 8270C
	ND	750	160	ug/kg	21 p	70	SW846 8270C
2,4-Dinitrotoluene	**ND**	**750**	**660**	**ug/kg**	**87**		**SW846 8270C**
	ND	**750**	**590**	**ug/kg**	**78**	**11**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	590	ug/kg	79		SW846 8270C
	ND	750	530	ug/kg	71	10	SW846 8270C
Di-n-octyl phthalate	ND	750	640	ug/kg	86		SW846 8270C
	ND	750	570	ug/kg	76	12	SW846 8270C
Fluoranthene	ND	750	660	ug/kg	88		SW846 8270C
	ND	750	640	ug/kg	85	3.1	SW846 8270C
Fluorene	ND	750	520	ug/kg	70		SW846 8270C
	ND	750	480	ug/kg	64	8.4	SW846 8270C
Hexachlorobenzene	ND	750	620	ug/kg	82		SW846 8270C
	ND	750	550	ug/kg	73	12	SW846 8270C
Hexachlorobutadiene	ND	750	410	ug/kg	55		SW846 8270C
	ND	750	320	ug/kg	43	24	SW846 8270C
Hexachlorocyclopenta-diene	ND	750	380	ug/kg	50		SW846 8270C
	ND	750	310	ug/kg	42	18	SW846 8270C
Hexachloroethane	ND	750	410	ug/kg	55		SW846 8270C
	ND	750	220	ug/kg	29 p	62	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	750	660	ug/kg	88		SW846 8270C
	ND	750	640	ug/kg	85	3.1	SW846 8270C
Isophorone	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	440	ug/kg	59	14	SW846 8270C
2-Methylnaphthalene	ND	750	480	ug/kg	64		SW846 8270C
	ND	750	430	ug/kg	57	12	SW846 8270C
2-Methylphenol	ND	750	460	ug/kg	62		SW846 8270C
	ND	750	390	ug/kg	51	18	SW846 8270C
4-Methylphenol	ND	1500	970	ug/kg	65		SW846 8270C
	ND	1500	800	ug/kg	53	19	SW846 8270C
Naphthalene	ND	750	410	ug/kg	54		SW846 8270C
	ND	750	330	ug/kg	44	20	SW846 8270C
2-Nitroaniline	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	470	ug/kg	63	20	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	750	560	ug/kg	75		SW846 8270C
	ND	750	530	ug/kg	70	6.9	SW846 8270C
4-Nitroaniline	ND	750	580	ug/kg	77		SW846 8270C
	ND	750	510	ug/kg	68	13	SW846 8270C
Nitrobenzene	ND	750	460	ug/kg	62		SW846 8270C
	ND	750	360	ug/kg	47	26	SW846 8270C
2-Nitrophenol	ND	750	420	ug/kg	56		SW846 8270C
	ND	750	330	ug/kg	44	24	SW846 8270C
4-Nitrophenol	**ND**	**750**	**540**	**ug/kg**	**72**		**SW846 8270C**
	ND	**750**	**430**	**ug/kg**	**57**	**24**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**460**	**ug/kg**	**61**		**SW846 8270C**
	ND	**750**	**390**	**ug/kg**	**52**	**16**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	750	590	ug/kg	78		SW846 8270C
	ND	750	520	ug/kg	69	13	SW846 8270C
Pentachlorophenol	**ND**	**750**	**410**	**ug/kg**	**54**		**SW846 8270C**
	ND	**750**	**400**	**ug/kg**	**53**	**1.2**	**SW846 8270C**
Phenanthrene	ND	750	580	ug/kg	78		SW846 8270C
	ND	750	540	ug/kg	71	8.3	SW846 8270C
Phenol	**ND**	**750**	**480**	**ug/kg**	**63**		**SW846 8270C**
	ND	**750**	**420**	**ug/kg**	**56**	**13**	**SW846 8270C**
Pyrene	**ND**	**750**	**620**	**ug/kg**	**83**		**SW846 8270C**
	ND	**750**	**600**	**ug/kg**	**79**	**4.5**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	550	ug/kg	73		SW846 8270C
	ND	750	510	ug/kg	68	6.8	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	490	ug/kg	65	4.1	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
	40	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
	48	(34 - 110)
Terphenyl-d14	90	(41 - 119)
	84	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	57	(28 - 110)
	45	(28 - 110)
2-Fluorophenol	55	(26 - 110)
	38	(26 - 110)
2,4,6-Tribromophenol	70	(10 - 118)
	60	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8073304
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	61	(25 - 124)			SW846 8270C
	45 p	(25 - 124)	32	(0-30)	SW846 8270C
Pyridine	30	(10 - 110)			SW846 8270C
	14 p	(10 - 110)	72	(0-30)	SW846 8270C
Acenaphthene	**65**	**(10 - 200)**			**SW846 8270C**
	58	**(10 - 200)**	**12**	**(0-30)**	**SW846 8270C**
Acenaphthylene	65	(10 - 200)			SW846 8270C
	58	(10 - 200)	11	(0-30)	SW846 8270C
Acetophenone	55	(50 - 130)			SW846 8270C
	41 a	(50 - 130)	30	(0-30)	SW846 8270C
Anthracene	81	(10 - 200)			SW846 8270C
	75	(10 - 200)	8.7	(0-30)	SW846 8270C
Atrazine	88	(50 - 130)			SW846 8270C
	82	(50 - 130)	6.9	(0-30)	SW846 8270C
Benzo(a)anthracene	83	(10 - 200)			SW846 8270C
	81	(10 - 200)	2.2	(0-30)	SW846 8270C
Benzo(a)pyrene	81	(10 - 200)			SW846 8270C
	80	(10 - 200)	1.1	(0-30)	SW846 8270C
Benzo(b)fluoranthene	85	(10 - 200)			SW846 8270C
	88	(10 - 200)	3.4	(0-30)	SW846 8270C
Benzo(ghi)perylene	87	(10 - 200)			SW846 8270C
	84	(10 - 200)	3.2	(0-30)	SW846 8270C
Benzo(k)fluoranthene	78	(10 - 200)			SW846 8270C
	79	(10 - 200)	1.4	(0-30)	SW846 8270C
Benzaldehyde	52	(10 - 130)			SW846 8270C
	31 p	(10 - 130)	49	(0-30)	SW846 8270C
1,1'-Biphenyl	60	(50 - 130)			SW846 8270C
	50	(50 - 130)	18	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	63	(36 - 110)			SW846 8270C
	55	(36 - 110)	13	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	62	(32 - 118)			SW846 8270C
	59	(32 - 118)	4.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	95	(10 - 200)			SW846 8270C
	74	(10 - 200)	22	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	83	(44 - 120)			SW846 8270C
	79	(44 - 120)	4.3	(0-30)	SW846 8270C
Butyl benzyl phthalate	90	(43 - 138)			SW846 8270C
	71	(43 - 138)	23	(0-30)	SW846 8270C
Caprolactam	68	(50 - 130)			SW846 8270C
	68	(50 - 130)	0.70	(0-30)	SW846 8270C
Carbazole	84	(10 - 162)			SW846 8270C
	76	(10 - 162)	9.7	(0-30)	SW846 8270C
4-Chloroaniline	49	(11 - 110)			SW846 8270C
	47	(11 - 110)	4.1	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**73**	**(32 - 117)**			**SW846 8270C**
	63	**(32 - 117)**	**14**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	64	(40 - 110)			SW846 8270C
	55	(40 - 110)	15	(0-30)	SW846 8270C
2-Chlorophenol	**60**	**(32 - 110)**			**SW846 8270C**
	47	**(32 - 110)**	**24**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	75	(47 - 116)			SW846 8270C
	74	(47 - 116)	1.0	(0-30)	SW846 8270C
Chrysene	87	(10 - 200)			SW846 8270C
	85	(10 - 200)	1.8	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	86	(10 - 200)			SW846 8270C
	84	(10 - 200)	2.6	(0-30)	SW846 8270C
Dibenzofuran	69	(10 - 200)			SW846 8270C
	62	(10 - 200)	9.7	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	48	(10 - 110)			SW846 8270C
	54	(10 - 110)	12	(0-30)	SW846 8270C
2,4-Dichlorophenol	63	(33 - 110)			SW846 8270C
	58	(33 - 110)	8.3	(0-30)	SW846 8270C
Diethyl phthalate	78	(48 - 118)			SW846 8270C
	72	(48 - 118)	8.5	(0-30)	SW846 8270C
2,4-Dimethylphenol	55	(19 - 114)			SW846 8270C
	42	(19 - 114)	27	(0-30)	SW846 8270C
Dimethyl phthalate	78	(47 - 116)			SW846 8270C
	70	(47 - 116)	11	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	91	(31 - 145)			SW846 8270C
	76	(31 - 145)	18	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	66	(10 - 110)			SW846 8270C
	41 p	(10 - 110)	47	(0-30)	SW846 8270C
2,4-Dinitrophenol	44	(10 - 110)			SW846 8270C
	21 p	(10 - 110)	70	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**87**	**(42 - 118)**			**SW846 8270C**
	78	**(42 - 118)**	**11**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	79	(28 - 137)			SW846 8270C
	71	(28 - 137)	10	(0-30)	SW846 8270C
Di-n-octyl phthalate	86	(10 - 182)			SW846 8270C
	76	(10 - 182)	12	(0-30)	SW846 8270C
Fluoranthene	88	(10 - 200)			SW846 8270C
	85	(10 - 200)	3.1	(0-30)	SW846 8270C
Fluorene	70	(10 - 187)			SW846 8270C
	64	(10 - 187)	8.4	(0-30)	SW846 8270C
Hexachlorobenzene	82	(37 - 122)			SW846 8270C
	73	(37 - 122)	12	(0-30)	SW846 8270C
Hexachlorobutadiene	55	(30 - 110)			SW846 8270C
	43	(30 - 110)	24	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	50	(10 - 110)			SW846 8270C
	42	(10 - 110)	18	(0-30)	SW846 8270C
Hexachloroethane	55	(13 - 110)			SW846 8270C
	29 p	(13 - 110)	62	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	88	(10 - 200)			SW846 8270C
	85	(10 - 200)	3.1	(0-30)	SW846 8270C
Isophorone	68	(32 - 129)			SW846 8270C
	59	(32 - 129)	14	(0-30)	SW846 8270C
2-Methylnaphthalene	64	(10 - 200)			SW846 8270C
	57	(10 - 200)	12	(0-30)	SW846 8270C
2-Methylphenol	62	(19 - 124)			SW846 8270C
	51	(19 - 124)	18	(0-30)	SW846 8270C
4-Methylphenol	65	(27 - 116)			SW846 8270C
	53	(27 - 116)	19	(0-30)	SW846 8270C
Naphthalene	54	(10 - 200)			SW846 8270C
	44	(10 - 200)	20	(0-30)	SW846 8270C
2-Nitroaniline	76	(31 - 141)			SW846 8270C
	63	(31 - 141)	20	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	75	(24 - 110)			SW846 8270C
	70	(24 - 110)	6.9	(0-30)	SW846 8270C
4-Nitroaniline	77	(23 - 124)			SW846 8270C
	68	(23 - 124)	13	(0-30)	SW846 8270C
Nitrobenzene	62	(33 - 111)			SW846 8270C
	47	(33 - 111)	26	(0-30)	SW846 8270C
2-Nitrophenol	56	(17 - 110)			SW846 8270C
	44	(17 - 110)	24	(0-30)	SW846 8270C
4-Nitrophenol	**72**	**(10 - 125)**			**SW846 8270C**
	57	**(10 - 125)**	**24**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**61**	**(30 - 121)**			**SW846 8270C**
	52	**(30 - 121)**	**16**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	78	(10 - 169)			SW846 8270C
	69	(10 - 169)	13	(0-30)	SW846 8270C
Pentachlorophenol	**54**	**(10 - 182)**			**SW846 8270C**
	53	**(10 - 182)**	**1.2**	**(0-30)**	**SW846 8270C**
Phenanthrene	78	(10 - 200)			SW846 8270C
	71	(10 - 200)	8.3	(0-30)	SW846 8270C
Phenol	**63**	**(10 - 144)**			**SW846 8270C**
	56	**(10 - 144)**	**13**	**(0-30)**	**SW846 8270C**
Pyrene	**83**	**(10 - 200)**			**SW846 8270C**
	79	**(10 - 200)**	**4.5**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	73	(32 - 112)			SW846 8270C
	68	(32 - 112)	6.8	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	68	(22 - 110)			SW846 8270C
	65	(22 - 110)	4.1	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	53	(24 - 112)
	40	(24 - 112)
2-Fluorobiphenyl	59	(34 - 110)
	48	(34 - 110)
Terphenyl-d14	90	(41 - 119)
	84	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	57	(28 - 110)
	45	(28 - 110)
2-Fluorophenol	55	(26 - 110)
	38	(26 - 110)
2,4,6-Tribromophenol	70	(10 - 118)
	60	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	780	580	ug/kg	74		SW846 8270C
	ND	780	260	ug/kg	33 p	78	SW846 8270C
Pyridine	ND	780	330	ug/kg	42		SW846 8270C
	ND	780	54	ug/kg	6.9	144	SW846 8270C
	Qualifiers:	a,p					
Acenaphthene	**ND**	**780**	**550**	**ug/kg**	**71**		**SW846 8270C**
	ND	**780**	**460**	**ug/kg**	**58**	**19**	**SW846 8270C**
Acenaphthylene	ND	780	580	ug/kg	74		SW846 8270C
	ND	780	470	ug/kg	60	21	SW846 8270C
Acetophenone	ND	780	560	ug/kg	72		SW846 8270C
	ND	780	290	ug/kg	37 a,p	64	SW846 8270C
Anthracene	ND	780	660	ug/kg	84		SW846 8270C
	ND	780	580	ug/kg	74	12	SW846 8270C
Atrazine	ND	780	770	ug/kg	98		SW846 8270C
	ND	780	680	ug/kg	87	12	SW846 8270C
Benzo(a)anthracene	ND	780	610	ug/kg	78		SW846 8270C
	ND	780	540	ug/kg	69	12	SW846 8270C
Benzo(a)pyrene	ND	780	620	ug/kg	79		SW846 8270C
	ND	780	560	ug/kg	71	11	SW846 8270C
Benzo(b)fluoranthene	ND	780	620	ug/kg	80		SW846 8270C
	ND	780	540	ug/kg	69	14	SW846 8270C
Benzo(ghi)perylene	ND	780	660	ug/kg	84		SW846 8270C
	ND	780	580	ug/kg	74	12	SW846 8270C
Benzo(k)fluoranthene	ND	780	640	ug/kg	81		SW846 8270C
	ND	780	580	ug/kg	74	9.5	SW846 8270C
Benzaldehyde	ND	780	610	ug/kg	77		SW846 8270C
	ND	780	240	ug/kg	31 p	85	SW846 8270C
1,1'-Biphenyl	ND	780	570	ug/kg	73		SW846 8270C
	ND	780	430	ug/kg	55	28	SW846 8270C
bis(2-Chloroethoxy) methane	ND	780	580	ug/kg	74		SW846 8270C
	ND	780	340	ug/kg	44 p	51	SW846 8270C
bis(2-Chloroethyl)-ether	ND	780	720	ug/kg	91		SW846 8270C
	ND	780	270	ug/kg	34 p	91	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	66	780	740	ug/kg	86		SW846 8270C
	66	780	650	ug/kg	75	12	SW846 8270C
4-Bromophenyl phenyl ether	ND	780	690	ug/kg	88		SW846 8270C
	ND	780	620	ug/kg	79	11	SW846 8270C
Butyl benzyl phthalate	ND	780	680	ug/kg	87		SW846 8270C
	ND	780	610	ug/kg	77	12	SW846 8270C
Caprolactam	ND	780	720	ug/kg	92		SW846 8270C
	ND	780	490	ug/kg	63 p	38	SW846 8270C
Carbazole	ND	780	660	ug/kg	84		SW846 8270C
	ND	780	590	ug/kg	76	11	SW846 8270C
4-Chloroaniline	ND	780	460	ug/kg	59		SW846 8270C
	ND	780	290	ug/kg	37 p	45	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**780**	**630**	**ug/kg**	**81**		**SW846 8270C**
	ND	**780**	**540**	**ug/kg**	**69**	**16**	**SW846 8270C**
2-Chloronaphthalene	ND	780	560	ug/kg	71		SW846 8270C
	ND	780	420	ug/kg	53	29	SW846 8270C
2-Chlorophenol	**ND**	**780**	**550**	**ug/kg**	**71**		**SW846 8270C**
	ND	**780**	**270**	**ug/kg**	**34 p**	**69**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	780	660	ug/kg	84		SW846 8270C
	ND	780	570	ug/kg	73	14	SW846 8270C
Chrysene	ND	780	630	ug/kg	81		SW846 8270C
	ND	780	570	ug/kg	73	10	SW846 8270C
Dibenz(a,h)anthracene	ND	780	670	ug/kg	86		SW846 8270C
	ND	780	600	ug/kg	77	11	SW846 8270C
Dibenzofuran	ND	780	580	ug/kg	74		SW846 8270C
	ND	780	500	ug/kg	63	15	SW846 8270C
3,3'-Dichlorobenzidine	ND	780	430	ug/kg	54		SW846 8270C
	ND	780	390	ug/kg	50	9.2	SW846 8270C
2,4-Dichlorophenol	ND	780	590	ug/kg	75		SW846 8270C
	ND	780	420	ug/kg	53 p	34	SW846 8270C
Diethyl phthalate	ND	780	630	ug/kg	81		SW846 8270C
	ND	780	570	ug/kg	73	11	SW846 8270C
2,4-Dimethylphenol	ND	780	580	ug/kg	74		SW846 8270C
	ND	780	400	ug/kg	51 p	36	SW846 8270C
Dimethyl phthalate	ND	780	620	ug/kg	78		SW846 8270C
	ND	780	550	ug/kg	70	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	780	710	ug/kg	91		SW846 8270C
	ND	780	640	ug/kg	81	12	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	780	250	ug/kg	32		SW846 8270C
	ND	780	80	ug/kg	10 p	104	SW846 8270C
2,4-Dinitrophenol	ND	780	200	ug/kg	26		SW846 8270C
	ND	780	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers: a,p						
2,4-Dinitrotoluene	**ND**	**780**	**650**	**ug/kg**	**82**		**SW846 8270C**
	ND	**780**	**570**	**ug/kg**	**73**	**12**	**SW846 8270C**
2,6-Dinitrotoluene	ND	780	650	ug/kg	82		SW846 8270C
	ND	780	580	ug/kg	74	11	SW846 8270C
Di-n-octyl phthalate	ND	780	690	ug/kg	88		SW846 8270C
	ND	780	600	ug/kg	77	13	SW846 8270C
Fluoranthene	ND	780	700	ug/kg	90		SW846 8270C
	ND	780	640	ug/kg	81	10	SW846 8270C
Fluorene	ND	780	600	ug/kg	76		SW846 8270C
	ND	780	520	ug/kg	66	14	SW846 8270C
Hexachlorobenzene	ND	780	630	ug/kg	81		SW846 8270C
	ND	780	550	ug/kg	71	13	SW846 8270C
Hexachlorobutadiene	ND	780	590	ug/kg	76		SW846 8270C
	ND	780	290	ug/kg	37 p	68	SW846 8270C
Hexachlorocyclopenta-diene	ND	780	100	ug/kg	13		SW846 8270C
	ND	780	55	ug/kg	7.0	62	SW846 8270C
	Qualifiers: a,p						
Hexachloroethane	ND	780	520	ug/kg	66		SW846 8270C
	ND	780	160	ug/kg	21 p	104	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	780	660	ug/kg	84		SW846 8270C
	ND	780	590	ug/kg	75	11	SW846 8270C
Isophorone	ND	780	630	ug/kg	80		SW846 8270C
	ND	780	390	ug/kg	50 p	47	SW846 8270C
2-Methylnaphthalene	ND	780	630	ug/kg	80		SW846 8270C
	ND	780	410	ug/kg	52 p	42	SW846 8270C
2-Methylphenol	ND	780	610	ug/kg	78		SW846 8270C
	ND	780	370	ug/kg	47 p	49	SW846 8270C
4-Methylphenol	ND	1600	1200	ug/kg	75		SW846 8270C
	ND	1600	760	ug/kg	49 p	43	SW846 8270C
Naphthalene	ND	780	550	ug/kg	70		SW846 8270C
	ND	780	300	ug/kg	39 p	57	SW846 8270C
2-Nitroaniline	ND	780	630	ug/kg	80		SW846 8270C
	ND	780	550	ug/kg	70	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	780	550	ug/kg	71		SW846 8270C
	ND	780	480	ug/kg	61	14	SW846 8270C
4-Nitroaniline	ND	780	610	ug/kg	77		SW846 8270C
	ND	780	550	ug/kg	70	10	SW846 8270C
Nitrobenzene	ND	780	590	ug/kg	75		SW846 8270C
	ND	780	310	ug/kg	40 p	61	SW846 8270C
2-Nitrophenol	ND	780	540	ug/kg	70		SW846 8270C
	ND	780	300	ug/kg	38 p	58	SW846 8270C
4-Nitrophenol	**ND**	**780**	**490**	**ug/kg**	**63**		**SW846 8270C**
	ND	**780**	**430**	**ug/kg**	**55**	**14**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**780**	**580**	**ug/kg**	**74**		**SW846 8270C**
	ND	**780**	**320**	**ug/kg**	**41 p**	**58**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	780	610	ug/kg	78		SW846 8270C
	ND	780	540	ug/kg	69	12	SW846 8270C
Pentachlorophenol	**ND**	**780**	**260**	**ug/kg**	**34**		**SW846 8270C**
	ND	**780**	**210**	**ug/kg**	**27**	**23**	**SW846 8270C**
Phenanthrene	ND	780	630	ug/kg	80		SW846 8270C
	ND	780	550	ug/kg	70	13	SW846 8270C
Phenol	**ND**	**780**	**560**	**ug/kg**	**72**		**SW846 8270C**
	ND	**780**	**320**	**ug/kg**	**41 p**	**55**	**SW846 8270C**
Pyrene	**ND**	**780**	**640**	**ug/kg**	**82**		**SW846 8270C**
	ND	**780**	**570**	**ug/kg**	**72**	**12**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	780	580	ug/kg	74		SW846 8270C
	ND	780	490	ug/kg	62	17	SW846 8270C
2,4,6-Trichloro-phenol	ND	780	570	ug/kg	72		SW846 8270C
	ND	780	470	ug/kg	60	18	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(24 - 112)
	41	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
	53	(34 - 110)
Terphenyl-d14	95	(41 - 119)
	84	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	76	(28 - 110)
	41	(28 - 110)
2-Fluorophenol	74	(26 - 110)
	36	(26 - 110)
2,4,6-Tribromophenol	76	(10 - 118)
	72	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
Prep Date.....: 03/14/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8074185
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	74	(25 - 124)			SW846 8270C
	33 p	(25 - 124)	78	(0-30)	SW846 8270C
Pyridine	42	(10 - 110)			SW846 8270C
	6.9 a,p	(10 - 110)	144	(0-30)	SW846 8270C
Acenaphthene	**71**	**(10 - 200)**			**SW846 8270C**
	58	**(10 - 200)**	**19**	**(0-30)**	**SW846 8270C**
Acenaphthylene	74	(10 - 200)			SW846 8270C
	60	(10 - 200)	21	(0-30)	SW846 8270C
Acetophenone	72	(50 - 130)			SW846 8270C
	37 a,p	(50 - 130)	64	(0-30)	SW846 8270C
Anthracene	84	(10 - 200)			SW846 8270C
	74	(10 - 200)	12	(0-30)	SW846 8270C
Atrazine	98	(50 - 130)			SW846 8270C
	87	(50 - 130)	12	(0-30)	SW846 8270C
Benzo(a)anthracene	78	(10 - 200)			SW846 8270C
	69	(10 - 200)	12	(0-30)	SW846 8270C
Benzo(a)pyrene	79	(10 - 200)			SW846 8270C
	71	(10 - 200)	11	(0-30)	SW846 8270C
Benzo(b)fluoranthene	80	(10 - 200)			SW846 8270C
	69	(10 - 200)	14	(0-30)	SW846 8270C
Benzo(ghi)perylene	84	(10 - 200)			SW846 8270C
	74	(10 - 200)	12	(0-30)	SW846 8270C
Benzo(k)fluoranthene	81	(10 - 200)			SW846 8270C
	74	(10 - 200)	9.5	(0-30)	SW846 8270C
Benzaldehyde	77	(10 - 130)			SW846 8270C
	31 p	(10 - 130)	85	(0-30)	SW846 8270C
1,1'-Biphenyl	73	(50 - 130)			SW846 8270C
	55	(50 - 130)	28	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(36 - 110)			SW846 8270C
	44 p	(36 - 110)	51	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	91	(32 - 118)			SW846 8270C
	34 p	(32 - 118)	91	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	86	(10 - 200)			SW846 8270C
	75	(10 - 200)	12	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	88	(44 - 120)			SW846 8270C
	79	(44 - 120)	11	(0-30)	SW846 8270C
Butyl benzyl phthalate	87	(43 - 138)			SW846 8270C
	77	(43 - 138)	12	(0-30)	SW846 8270C
Caprolactam	92	(50 - 130)			SW846 8270C
	63 p	(50 - 130)	38	(0-30)	SW846 8270C
Carbazole	84	(10 - 162)			SW846 8270C
	76	(10 - 162)	11	(0-30)	SW846 8270C
4-Chloroaniline	59	(11 - 110)			SW846 8270C
	37 p	(11 - 110)	45	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**81**	**(32 - 117)**			**SW846 8270C**
	69	**(32 - 117)**	**16**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	71	(40 - 110)			SW846 8270C
	53	(40 - 110)	29	(0-30)	SW846 8270C
2-Chlorophenol	**71**	**(32 - 110)**			**SW846 8270C**
	34 p	**(32 - 110)**	**69**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	84	(47 - 116)			SW846 8270C
	73	(47 - 116)	14	(0-30)	SW846 8270C
Chrysene	81	(10 - 200)			SW846 8270C
	73	(10 - 200)	10	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	86	(10 - 200)			SW846 8270C
	77	(10 - 200)	11	(0-30)	SW846 8270C
Dibenzofuran	74	(10 - 200)			SW846 8270C
	63	(10 - 200)	15	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	54	(10 - 110)			SW846 8270C
	50	(10 - 110)	9.2	(0-30)	SW846 8270C
2,4-Dichlorophenol	75	(33 - 110)			SW846 8270C
	53 p	(33 - 110)	34	(0-30)	SW846 8270C
Diethyl phthalate	81	(48 - 118)			SW846 8270C
	73	(48 - 118)	11	(0-30)	SW846 8270C
2,4-Dimethylphenol	74	(19 - 114)			SW846 8270C
	51 p	(19 - 114)	36	(0-30)	SW846 8270C
Dimethyl phthalate	78	(47 - 116)			SW846 8270C
	70	(47 - 116)	12	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	91	(31 - 145)			SW846 8270C
	81	(31 - 145)	12	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	32	(10 - 110)			SW846 8270C
	10 p	(10 - 110)	104	(0-30)	SW846 8270C
2,4-Dinitrophenol	26	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**82**	**(42 - 118)**			**SW846 8270C**
	73	**(42 - 118)**	**12**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	82	(28 - 137)			SW846 8270C
	74	(28 - 137)	11	(0-30)	SW846 8270C
Di-n-octyl phthalate	88	(10 - 182)			SW846 8270C
	77	(10 - 182)	13	(0-30)	SW846 8270C
Fluoranthene	90	(10 - 200)			SW846 8270C
	81	(10 - 200)	10	(0-30)	SW846 8270C
Fluorene	76	(10 - 187)			SW846 8270C
	66	(10 - 187)	14	(0-30)	SW846 8270C
Hexachlorobenzene	81	(37 - 122)			SW846 8270C
	71	(37 - 122)	13	(0-30)	SW846 8270C
Hexachlorobutadiene	76	(30 - 110)			SW846 8270C
	37 p	(30 - 110)	68	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	13	(10 - 110)			SW846 8270C
	7.0 a,p	(10 - 110)	62	(0-30)	SW846 8270C
Hexachloroethane	66	(13 - 110)			SW846 8270C
	21 p	(13 - 110)	104	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	84	(10 - 200)			SW846 8270C
	75	(10 - 200)	11	(0-30)	SW846 8270C
Isophorone	80	(32 - 129)			SW846 8270C
	50 p	(32 - 129)	47	(0-30)	SW846 8270C
2-Methylnaphthalene	80	(10 - 200)			SW846 8270C
	52 p	(10 - 200)	42	(0-30)	SW846 8270C
2-Methylphenol	78	(19 - 124)			SW846 8270C
	47 p	(19 - 124)	49	(0-30)	SW846 8270C
4-Methylphenol	75	(27 - 116)			SW846 8270C
	49 p	(27 - 116)	43	(0-30)	SW846 8270C
Naphthalene	70	(10 - 200)			SW846 8270C
	39 p	(10 - 200)	57	(0-30)	SW846 8270C
2-Nitroaniline	80	(31 - 141)			SW846 8270C
	70	(31 - 141)	12	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	71	(24 - 110)			SW846 8270C
	61	(24 - 110)	14	(0-30)	SW846 8270C
4-Nitroaniline	77	(23 - 124)			SW846 8270C
	70	(23 - 124)	10	(0-30)	SW846 8270C
Nitrobenzene	75	(33 - 111)			SW846 8270C
	40 p	(33 - 111)	61	(0-30)	SW846 8270C
2-Nitrophenol	70	(17 - 110)			SW846 8270C
	38 p	(17 - 110)	58	(0-30)	SW846 8270C
4-Nitrophenol	**63**	**(10 - 125)**			**SW846 8270C**
	55	**(10 - 125)**	**14**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(30 - 121)**			**SW846 8270C**
	41 p	**(30 - 121)**	**58**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	78	(10 - 169)			SW846 8270C
	69	(10 - 169)	12	(0-30)	SW846 8270C
Pentachlorophenol	**34**	**(10 - 182)**			**SW846 8270C**
	27	**(10 - 182)**	**23**	**(0-30)**	**SW846 8270C**
Phenanthrene	80	(10 - 200)			SW846 8270C
	70	(10 - 200)	13	(0-30)	SW846 8270C
Phenol	**72**	**(10 - 144)**			**SW846 8270C**
	41 p	**(10 - 144)**	**55**	**(0-30)**	**SW846 8270C**
Pyrene	**82**	**(10 - 200)**			**SW846 8270C**
	72	**(10 - 200)**	**12**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	74	(32 - 112)			SW846 8270C
	62	(32 - 112)	17	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	72	(22 - 110)			SW846 8270C
	60	(22 - 110)	18	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(24 - 112)
	41	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
	53	(34 - 110)
Terphenyl-d14	95	(41 - 119)
	84	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJCQA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C110158-025 KJCQA1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	76	(28 - 110)
	41	(28 - 110)
2-Fluorophenol	74	(26 - 110)
	36	(26 - 110)
2,4,6-Tribromophenol	76	(10 - 118)
	72	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
	ND	740	450	ug/kg	61	2.5	SW846 8270C
Pyridine	ND	730	260	ug/kg	36		SW846 8270C
	ND	740	230	ug/kg	31	14	SW846 8270C
Acenaphthene	**ND**	**730**	**450**	**ug/kg**	**61**		**SW846 8270C**
	ND	**740**	**430**	**ug/kg**	**58**	**4.6**	**SW846 8270C**
Acenaphthylene	ND	730	460	ug/kg	63		SW846 8270C
	ND	740	450	ug/kg	61	3.0	SW846 8270C
Acetophenone	ND	730	450	ug/kg	61		SW846 8270C
	ND	740	440	ug/kg	60	2.6	SW846 8270C
Anthracene	ND	730	520	ug/kg	70		SW846 8270C
	ND	740	490	ug/kg	67	4.7	SW846 8270C
Atrazine	ND	730	620	ug/kg	84		SW846 8270C
	ND	740	620	ug/kg	84	0.60	SW846 8270C
Benzo(a)anthracene	ND	730	480	ug/kg	65		SW846 8270C
	ND	740	470	ug/kg	63	2.5	SW846 8270C
Benzo(a)pyrene	ND	730	500	ug/kg	68		SW846 8270C
	ND	740	490	ug/kg	67	1.5	SW846 8270C
Benzo(b)fluoranthene	ND	730	490	ug/kg	67		SW846 8270C
	ND	740	510	ug/kg	70	4.8	SW846 8270C
Benzo(ghi)perylene	ND	730	530	ug/kg	72		SW846 8270C
	ND	740	520	ug/kg	71	1.2	SW846 8270C
Benzo(k)fluoranthene	ND	730	510	ug/kg	70		SW846 8270C
	ND	740	500	ug/kg	67	3.8	SW846 8270C
Benzaldehyde	ND	730	480	ug/kg	66		SW846 8270C
	ND	740	530	ug/kg	71	8.2	SW846 8270C
1,1'-Biphenyl	ND	730	480	ug/kg	65		SW846 8270C
	ND	740	450	ug/kg	62	5.5	SW846 8270C
bis(2-Chloroethoxy) methane	ND	730	470	ug/kg	64		SW846 8270C
	ND	740	460	ug/kg	63	1.3	SW846 8270C
bis(2-Chloroethyl)-ether	ND	730	520	ug/kg	71		SW846 8270C
	ND	740	540	ug/kg	73	2.4	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	730	550	ug/kg	73		SW846 8270C
	ND	740	560	ug/kg	74	1.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Bromophenyl phenyl ether	ND	730	540	ug/kg	74		SW846 8270C
	ND	740	520	ug/kg	71	3.6	SW846 8270C
Butyl benzyl phthalate	ND	730	540	ug/kg	74		SW846 8270C
	ND	740	540	ug/kg	74	0.01	SW846 8270C
Caprolactam	ND	730	560	ug/kg	77		SW846 8270C
	ND	740	560	ug/kg	76	0.09	SW846 8270C
Carbazole	ND	730	510	ug/kg	70		SW846 8270C
	ND	740	500	ug/kg	68	2.1	SW846 8270C
4-Chloroaniline	ND	730	340	ug/kg	46		SW846 8270C
	ND	740	340	ug/kg	46	0.31	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**730**	**460**	**ug/kg**	**63**		**SW846 8270C**
	ND	**740**	**470**	**ug/kg**	**64**	**1.6**	**SW846 8270C**
2-Chloronaphthalene	ND	730	450	ug/kg	61		SW846 8270C
	ND	740	430	ug/kg	59	3.5	SW846 8270C
2-Chlorophenol	**ND**	**730**	**410**	**ug/kg**	**55**		**SW846 8270C**
	ND	**740**	**400**	**ug/kg**	**54**	**1.6**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	730	500	ug/kg	69		SW846 8270C
	ND	740	490	ug/kg	67	2.4	SW846 8270C
Chrysene	ND	730	500	ug/kg	68		SW846 8270C
	ND	740	500	ug/kg	68	0.17	SW846 8270C
Dibenz(a,h)anthracene	ND	730	540	ug/kg	73		SW846 8270C
	ND	740	540	ug/kg	73	0.63	SW846 8270C
Dibenzofuran	ND	730	460	ug/kg	63		SW846 8270C
	ND	740	440	ug/kg	60	3.9	SW846 8270C
3,3'-Dichlorobenzidine	ND	730	330	ug/kg	44		SW846 8270C
	ND	740	310	ug/kg	42	6.3	SW846 8270C
2,4-Dichlorophenol	ND	730	470	ug/kg	64		SW846 8270C
	ND	740	440	ug/kg	60	6.4	SW846 8270C
Diethyl phthalate	28	730	540	ug/kg	69		SW846 8270C
	28	740	510	ug/kg	65	5.2	SW846 8270C
2,4-Dimethylphenol	ND	730	370	ug/kg	50		SW846 8270C
	ND	740	360	ug/kg	49	2.1	SW846 8270C
Dimethyl phthalate	ND	730	480	ug/kg	65		SW846 8270C
	ND	740	470	ug/kg	63	1.9	SW846 8270C
Di-n-butyl phthalate	ND	730	560	ug/kg	76		SW846 8270C
	ND	740	560	ug/kg	76	0.06	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,6-Dinitro-2-methylphenol	ND	730	350	ug/kg	47		SW846 8270C
	ND	740	390	ug/kg	54	13	SW846 8270C
2,4-Dinitrophenol	ND	730	290	ug/kg	40		SW846 8270C
	ND	740	360	ug/kg	49	22	SW846 8270C
2,4-Dinitrotoluene	**ND**	**730**	**510**	**ug/kg**	**70**		**SW846 8270C**
	ND	**740**	**500**	**ug/kg**	**68**	**1.6**	**SW846 8270C**
2,6-Dinitrotoluene	ND	730	500	ug/kg	69		SW846 8270C
	ND	740	490	ug/kg	67	2.4	SW846 8270C
Di-n-octyl phthalate	ND	730	540	ug/kg	73		SW846 8270C
	ND	740	540	ug/kg	74	0.98	SW846 8270C
Fluoranthene	9.5	730	560	ug/kg	76		SW846 8270C
	9.5	740	560	ug/kg	75	0.83	SW846 8270C
Fluorene	ND	730	470	ug/kg	64		SW846 8270C
	ND	740	460	ug/kg	62	2.4	SW846 8270C
Hexachlorobenzene	ND	730	510	ug/kg	69		SW846 8270C
	ND	740	500	ug/kg	67	2.0	SW846 8270C
Hexachlorobutadiene	ND	730	510	ug/kg	70		SW846 8270C
	ND	740	480	ug/kg	65	6.4	SW846 8270C
Hexachlorocyclopenta-diene	ND	730	300	ug/kg	40		SW846 8270C
	ND	740	270	ug/kg	37	8.6	SW846 8270C
Hexachloroethane	ND	730	470	ug/kg	64		SW846 8270C
	ND	740	440	ug/kg	60	5.8	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	730	530	ug/kg	73		SW846 8270C
	ND	740	530	ug/kg	72	0.47	SW846 8270C
Isophorone	ND	730	500	ug/kg	68		SW846 8270C
	ND	740	490	ug/kg	66	2.2	SW846 8270C
2-Methylnaphthalene	ND	730	500	ug/kg	68		SW846 8270C
	ND	740	480	ug/kg	65	3.3	SW846 8270C
2-Methylphenol	ND	730	450	ug/kg	61		SW846 8270C
	ND	740	460	ug/kg	62	1.9	SW846 8270C
4-Methylphenol	ND	1500	890	ug/kg	61		SW846 8270C
	ND	1500	870	ug/kg	59	2.6	SW846 8270C
Naphthalene	ND	730	450	ug/kg	61		SW846 8270C
	ND	740	430	ug/kg	58	5.0	SW846 8270C
2-Nitroaniline	ND	730	490	ug/kg	66		SW846 8270C
	ND	740	470	ug/kg	64	2.2	SW846 8270C
3-Nitroaniline	ND	730	430	ug/kg	59		SW846 8270C
	ND	740	430	ug/kg	58	1.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitroaniline	ND	730	450	ug/kg	61		SW846 8270C
	ND	740	470	ug/kg	64	4.5	SW846 8270C
Nitrobenzene	ND	730	490	ug/kg	66		SW846 8270C
	ND	740	470	ug/kg	63	3.8	SW846 8270C
2-Nitrophenol	ND	730	460	ug/kg	62		SW846 8270C
	ND	740	450	ug/kg	62	0.90	SW846 8270C
4-Nitrophenol	**ND**	**730**	**420**	**ug/kg**	**57**		**SW846 8270C**
	ND	**740**	**450**	**ug/kg**	**61**	**8.0**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**730**	**440**	**ug/kg**	**60**		**SW846 8270C**
	ND	**740**	**440**	**ug/kg**	**60**	**0.75**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	730	470	ug/kg	64		SW846 8270C
	ND	740	460	ug/kg	62	2.3	SW846 8270C
Pentachlorophenol	**ND**	**730**	**280**	**ug/kg**	**38**		**SW846 8270C**
	ND	**740**	**320**	**ug/kg**	**43**	**14**	**SW846 8270C**
Phenanthrene	7.5	730	500	ug/kg	66		SW846 8270C
	7.5	740	470	ug/kg	63	5.6	SW846 8270C
Phenol	**ND**	**730**	**410**	**ug/kg**	**56**		**SW846 8270C**
	ND	**740**	**430**	**ug/kg**	**58**	**4.6**	**SW846 8270C**
Pyrene	**7.5**	**730**	**520**	**ug/kg**	**69**		**SW846 8270C**
	7.5	**740**	**500**	**ug/kg**	**67**	**3.6**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	730	450	ug/kg	61		SW846 8270C
	ND	740	450	ug/kg	61	1.4	SW846 8270C
2,4,6-Trichloro-phenol	ND	730	420	ug/kg	57		SW846 8270C
	ND	740	370	ug/kg	50	12	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
	66	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
	59	(34 - 110)
Terphenyl-d14	82	(41 - 119)
	79	(41 - 119)
Phenol-d5	58	(28 - 110)
	60	(28 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	56	(26 - 110)
	61	(26 - 110)
2,4,6-Tribromophenol	61	(10 - 118)
	55	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/18/08
Prep Batch #...: 8075012
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
	61	(25 - 124)	2.5	(0-30)	SW846 8270C
Pyridine	36	(10 - 110)			SW846 8270C
	31	(10 - 110)	14	(0-30)	SW846 8270C
Acenaphthene	**61**	**(10 - 200)**			**SW846 8270C**
	58	**(10 - 200)**	**4.6**	**(0-30)**	**SW846 8270C**
Acenaphthylene	63	(10 - 200)			SW846 8270C
	61	(10 - 200)	3.0	(0-30)	SW846 8270C
Acetophenone	61	(50 - 130)			SW846 8270C
	60	(50 - 130)	2.6	(0-30)	SW846 8270C
Anthracene	70	(10 - 200)			SW846 8270C
	67	(10 - 200)	4.7	(0-30)	SW846 8270C
Atrazine	84	(50 - 130)			SW846 8270C
	84	(50 - 130)	0.60	(0-30)	SW846 8270C
Benzo(a)anthracene	65	(10 - 200)			SW846 8270C
	63	(10 - 200)	2.5	(0-30)	SW846 8270C
Benzo(a)pyrene	68	(10 - 200)			SW846 8270C
	67	(10 - 200)	1.5	(0-30)	SW846 8270C
Benzo(b)fluoranthene	67	(10 - 200)			SW846 8270C
	70	(10 - 200)	4.8	(0-30)	SW846 8270C
Benzo(ghi)perylene	72	(10 - 200)			SW846 8270C
	71	(10 - 200)	1.2	(0-30)	SW846 8270C
Benzo(k)fluoranthene	70	(10 - 200)			SW846 8270C
	67	(10 - 200)	3.8	(0-30)	SW846 8270C
Benzaldehyde	66	(10 - 130)			SW846 8270C
	71	(10 - 130)	8.2	(0-30)	SW846 8270C
1,1'-Biphenyl	65	(50 - 130)			SW846 8270C
	62	(50 - 130)	5.5	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	64	(36 - 110)			SW846 8270C
	63	(36 - 110)	1.3	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	71	(32 - 118)			SW846 8270C
	73	(32 - 118)	2.4	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	73	(10 - 200)			SW846 8270C
	74	(10 - 200)	1.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Bromophenyl phenyl ether	74	(44 - 120)			SW846 8270C
	71	(44 - 120)	3.6	(0-30)	SW846 8270C
Butyl benzyl phthalate	74	(43 - 138)			SW846 8270C
	74	(43 - 138)	0.01	(0-30)	SW846 8270C
Caprolactam	77	(50 - 130)			SW846 8270C
	76	(50 - 130)	0.09	(0-30)	SW846 8270C
Carbazole	70	(10 - 162)			SW846 8270C
	68	(10 - 162)	2.1	(0-30)	SW846 8270C
4-Chloroaniline	46	(11 - 110)			SW846 8270C
	46	(11 - 110)	0.31	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**63**	**(32 - 117)**			**SW846 8270C**
	64	**(32 - 117)**	**1.6**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	61	(40 - 110)			SW846 8270C
	59	(40 - 110)	3.5	(0-30)	SW846 8270C
2-Chlorophenol	**55**	**(32 - 110)**			**SW846 8270C**
	54	**(32 - 110)**	**1.6**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	69	(47 - 116)			SW846 8270C
	67	(47 - 116)	2.4	(0-30)	SW846 8270C
Chrysene	68	(10 - 200)			SW846 8270C
	68	(10 - 200)	0.17	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	73	(10 - 200)			SW846 8270C
	73	(10 - 200)	0.63	(0-30)	SW846 8270C
Dibenzofuran	63	(10 - 200)			SW846 8270C
	60	(10 - 200)	3.9	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	44	(10 - 110)			SW846 8270C
	42	(10 - 110)	6.3	(0-30)	SW846 8270C
2,4-Dichlorophenol	64	(33 - 110)			SW846 8270C
	60	(33 - 110)	6.4	(0-30)	SW846 8270C
Diethyl phthalate	69	(48 - 118)			SW846 8270C
	65	(48 - 118)	5.2	(0-30)	SW846 8270C
2,4-Dimethylphenol	50	(19 - 114)			SW846 8270C
	49	(19 - 114)	2.1	(0-30)	SW846 8270C
Dimethyl phthalate	65	(47 - 116)			SW846 8270C
	63	(47 - 116)	1.9	(0-30)	SW846 8270C
Di-n-butyl phthalate	76	(31 - 145)			SW846 8270C
	76	(31 - 145)	0.06	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,6-Dinitro-2-methylphenol	47	(10 - 110)			SW846 8270C
	54	(10 - 110)	13	(0-30)	SW846 8270C
2,4-Dinitrophenol	40	(10 - 110)			SW846 8270C
	49	(10 - 110)	22	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**70**	**(42 - 118)**			**SW846 8270C**
	68	**(42 - 118)**	**1.6**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	69	(28 - 137)			SW846 8270C
	67	(28 - 137)	2.4	(0-30)	SW846 8270C
Di-n-octyl phthalate	73	(10 - 182)			SW846 8270C
	74	(10 - 182)	0.98	(0-30)	SW846 8270C
Fluoranthene	76	(10 - 200)			SW846 8270C
	75	(10 - 200)	0.83	(0-30)	SW846 8270C
Fluorene	64	(10 - 187)			SW846 8270C
	62	(10 - 187)	2.4	(0-30)	SW846 8270C
Hexachlorobenzene	69	(37 - 122)			SW846 8270C
	67	(37 - 122)	2.0	(0-30)	SW846 8270C
Hexachlorobutadiene	70	(30 - 110)			SW846 8270C
	65	(30 - 110)	6.4	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	40	(10 - 110)			SW846 8270C
	37	(10 - 110)	8.6	(0-30)	SW846 8270C
Hexachloroethane	64	(13 - 110)			SW846 8270C
	60	(13 - 110)	5.8	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(10 - 200)			SW846 8270C
	72	(10 - 200)	0.47	(0-30)	SW846 8270C
Isophorone	68	(32 - 129)			SW846 8270C
	66	(32 - 129)	2.2	(0-30)	SW846 8270C
2-Methylnaphthalene	68	(10 - 200)			SW846 8270C
	65	(10 - 200)	3.3	(0-30)	SW846 8270C
2-Methylphenol	61	(19 - 124)			SW846 8270C
	62	(19 - 124)	1.9	(0-30)	SW846 8270C
4-Methylphenol	61	(27 - 116)			SW846 8270C
	59	(27 - 116)	2.6	(0-30)	SW846 8270C
Naphthalene	61	(10 - 200)			SW846 8270C
	58	(10 - 200)	5.0	(0-30)	SW846 8270C
2-Nitroaniline	66	(31 - 141)			SW846 8270C
	64	(31 - 141)	2.2	(0-30)	SW846 8270C
3-Nitroaniline	59	(24 - 110)			SW846 8270C
	58	(24 - 110)	1.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Nitroaniline	61	(23 - 124)			SW846 8270C
	64	(23 - 124)	4.5	(0-30)	SW846 8270C
Nitrobenzene	66	(33 - 111)			SW846 8270C
	63	(33 - 111)	3.8	(0-30)	SW846 8270C
2-Nitrophenol	62	(17 - 110)			SW846 8270C
	62	(17 - 110)	0.90	(0-30)	SW846 8270C
4-Nitrophenol	**57**	**(10 - 125)**			**SW846 8270C**
	61	**(10 - 125)**	**8.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**60**	**(30 - 121)**			**SW846 8270C**
	60	**(30 - 121)**	**0.75**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	64	(10 - 169)			SW846 8270C
	62	(10 - 169)	2.3	(0-30)	SW846 8270C
Pentachlorophenol	**38**	**(10 - 182)**			**SW846 8270C**
	43	**(10 - 182)**	**14**	**(0-30)**	**SW846 8270C**
Phenanthrene	66	(10 - 200)			SW846 8270C
	63	(10 - 200)	5.6	(0-30)	SW846 8270C
Phenol	**56**	**(10 - 144)**			**SW846 8270C**
	58	**(10 - 144)**	**4.6**	**(0-30)**	**SW846 8270C**
Pyrene	**69**	**(10 - 200)**			**SW846 8270C**
	67	**(10 - 200)**	**3.6**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	61	(32 - 112)			SW846 8270C
	61	(32 - 112)	1.4	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	57	(22 - 110)			SW846 8270C
	50	(22 - 110)	12	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
	66	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
	59	(34 - 110)
Terphenyl-d14	82	(41 - 119)
	79	(41 - 119)
Phenol-d5	58	(28 - 110)
	60	(28 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJE0P1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-003 KJE0P1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	56	(26 - 110)
	61	(26 - 110)
2,4,6-Tribromophenol	61	(10 - 118)
	55	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 5 **Initial Wgt/Vol:** 30.13 g **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	800	560	ug/kg	69 DIL		SW846 8270C
	ND	810	540	ug/kg	67 DIL	2.5	SW846 8270C
Pyridine	ND	800	220	ug/kg	28 DIL		SW846 8270C
	ND	810	160	ug/kg	20	33	SW846 8270C
	Qualifiers: DIL,p						
Acenaphthene	**180**	**800**	**1300**	**ug/kg**	**136**		**SW846 8270C**
	Qualifiers: DIL						
	180	**810**	**1300**	**ug/kg**	**134**	**0.81**	**SW846 8270C**
	Qualifiers: DIL						
Acenaphthylene	ND	800	690	ug/kg	86 DIL		SW846 8270C
	ND	810	730	ug/kg	90 DIL	4.9	SW846 8270C
Acetophenone	ND	800	540	ug/kg	67 DIL		SW846 8270C
	ND	810	550	ug/kg	69 DIL	1.8	SW846 8270C
Anthracene	560	800	3000	ug/kg	302		SW846 8270C
	Qualifiers: DIL,a						
	560	810	2900	ug/kg	285	4.6	SW846 8270C
	Qualifiers: DIL,a						
Atrazine	ND	800	1000	ug/kg	124		SW846 8270C
	Qualifiers: DIL						
	ND	810	960	ug/kg	119	4.2	SW846 8270C
	Qualifiers: DIL						
Benzo(a)anthracene	690	800	3000	ug/kg	288		SW846 8270C
	Qualifiers: DIL,a						
	690	810	3300	ug/kg	325	9.6	SW846 8270C
	Qualifiers: DIL,a						
Benzo(a)pyrene	460	800	2400	ug/kg	236		SW846 8270C
	Qualifiers: DIL,a						
	460	810	2300	ug/kg	226	3.2	SW846 8270C
	Qualifiers: DIL,a						
Benzo(b)fluoranthene	160	800	1200	ug/kg	129		SW846 8270C
	Qualifiers: DIL						
	160	810	1100	ug/kg	116	9.0	SW846 8270C
	Qualifiers: DIL						
Benzo(ghi)perylene	380	800	1500	ug/kg	135		SW846 8270C
	Qualifiers: DIL						
	380	810	1400	ug/kg	127	4.2	SW846 8270C
	Qualifiers: DIL						

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzo(k)fluoranthene	ND	800	820	ug/kg	102		SW846 8270C
	Qualifiers:		DIL				
	ND	810	890	ug/kg	110	7.8	SW846 8270C
	Qualifiers:		DIL				
Benzaldehyde	ND	800	500	ug/kg	62 DIL		SW846 8270C
	ND	810	570	ug/kg	71 DIL	13	SW846 8270C
1,1'-Biphenyl	ND	800	970	ug/kg	105		SW846 8270C
	Qualifiers:		DIL				
	ND	810	920	ug/kg	100	4.6	SW846 8270C
	Qualifiers:		DIL				
bis(2-Chloroethoxy) methane	ND	800	590	ug/kg	73 DIL		SW846 8270C
	ND	810	590	ug/kg	73 DIL	0.68	SW846 8270C
bis(2-Chloroethyl)-ether	ND	800	620	ug/kg	78 DIL		SW846 8270C
	ND	810	610	ug/kg	76 DIL	2.4	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	800	690	ug/kg	86 DIL		SW846 8270C
	ND	810	700	ug/kg	87 DIL	0.63	SW846 8270C
4-Bromophenyl phenyl ether	ND	800	640	ug/kg	80 DIL		SW846 8270C
	ND	810	660	ug/kg	82 DIL	2.8	SW846 8270C
Butyl benzyl phthalate	ND	800	650	ug/kg	80 DIL		SW846 8270C
	ND	810	750	ug/kg	93 DIL	15	SW846 8270C
Caprolactam	ND	800	2500	ug/kg	313		SW846 8270C
	Qualifiers:		DIL,a				
	ND	810	2700	ug/kg	329	5.3	SW846 8270C
	Qualifiers:		DIL,a				
Carbazole	ND	800	700	ug/kg	87 DIL		SW846 8270C
	ND	810	810	ug/kg	101	15	SW846 8270C
	Qualifiers:		DIL				
4-Chloroaniline	ND	800	490	ug/kg	61 DIL		SW846 8270C
	ND	810	460	ug/kg	57 DIL	5.8	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**800**	**600**	**ug/kg**	**75 DIL**		**SW846 8270C**
	ND	**810**	**640**	**ug/kg**	**79 DIL**	**6.0**	**SW846 8270C**
2-Chloronaphthalene	ND	800	560	ug/kg	70 DIL		SW846 8270C
	ND	810	580	ug/kg	71 DIL	2.3	SW846 8270C
2-Chlorophenol	**ND**	**800**	**550**	**ug/kg**	**68 DIL**		**SW846 8270C**
	ND	**810**	**490**	**ug/kg**	**61 DIL**	**9.7**	**SW846 8270C**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chlorophenyl phenyl ether	ND	800	670	ug/kg	83 DIL		SW846 8270C
	ND	810	620	ug/kg	77 DIL	8.3	SW846 8270C
Chrysene	960	800	4200	ug/kg	406		SW846 8270C
		Qualifiers:	DIL,a				
	960	810	4300	ug/kg	418	2.4	SW846 8270C
		Qualifiers:	DIL,a				
Dibenz(a,h)anthracene	98	800	770	ug/kg	84 DIL		SW846 8270C
	98	810	760	ug/kg	82 DIL	2.3	SW846 8270C
Dibenzofuran	ND	800	800	ug/kg	100		SW846 8270C
		Qualifiers:	DIL				
	ND	810	800	ug/kg	100	0.02	SW846 8270C
		Qualifiers:	DIL				
3,3'-Dichlorobenzidine	ND	800	600	ug/kg	74 DIL		SW846 8270C
	ND	810	690	ug/kg	86 DIL	15	SW846 8270C
2,4-Dichlorophenol	ND	800	550	ug/kg	68 DIL		SW846 8270C
	ND	810	580	ug/kg	72 DIL	6.4	SW846 8270C
Diethyl phthalate	ND	800	590	ug/kg	73 DIL		SW846 8270C
	ND	810	620	ug/kg	76 DIL	4.6	SW846 8270C
2,4-Dimethylphenol	ND	800	580	ug/kg	72 DIL		SW846 8270C
	ND	810	600	ug/kg	75 DIL	4.1	SW846 8270C
Dimethyl phthalate	ND	800	620	ug/kg	77 DIL		SW846 8270C
	ND	810	630	ug/kg	78 DIL	0.78	SW846 8270C
Di-n-butyl phthalate	ND	800	720	ug/kg	89 DIL		SW846 8270C
	ND	810	780	ug/kg	96 DIL	8.1	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	800	0.0	ug/kg	0.0		SW846 8270C
		Qualifiers:	DIL,a				
	ND	810	0.0	ug/kg	0.0	0.0	SW846 8270C
		Qualifiers:	DIL,a				
2,4-Dinitrophenol	ND	800	640	ug/kg	79 DIL		SW846 8270C
	ND	810	0.0	ug/kg	0.0	200	SW846 8270C
		Qualifiers:	DIL,a,p				
2,4-Dinitrotoluene	**ND**	**800**	**1500**	**ug/kg**	**189**		**SW846 8270C**
		Qualifiers:	DIL,a				
	ND	**810**	**0.0**	**ug/kg**	**0.0**	**200**	**SW846 8270C**
		Qualifiers:	DIL,a,p				
2,6-Dinitrotoluene	ND	800	780	ug/kg	97 DIL		SW846 8270C
	ND	810	910	ug/kg	114	16	SW846 8270C
		Qualifiers:	DIL				
Di-n-octyl phthalate	ND	800	720	ug/kg	89 DIL		SW846 8270C
	ND	810	750	ug/kg	93 DIL	4.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	800	1700	ug/kg	207		SW846 8270C
		Qualifiers:	DIL,a				
	ND	810	1500	ug/kg	187	10	SW846 8270C
		Qualifiers:	DIL				
Fluorene	ND	800	2000	ug/kg	244		SW846 8270C
		Qualifiers:	DIL,a				
	ND	810	1800	ug/kg	226	7.4	SW846 8270C
		Qualifiers:	DIL,a				
Hexachlorobenzene	ND	800	570	ug/kg	70 DIL		SW846 8270C
	ND	810	670	ug/kg	83 DIL	16	SW846 8270C
Hexachlorobutadiene	ND	800	660	ug/kg	82 DIL		SW846 8270C
	ND	810	640	ug/kg	80 DIL	2.4	SW846 8270C
Hexachlorocyclopenta-diene	ND	800	0.0	ug/kg	0.0		SW846 8270C
		Qualifiers:	DIL,a				
	ND	810	0.0	ug/kg	0.0	0.0	SW846 8270C
		Qualifiers:	DIL,a				
Hexachloroethane	ND	800	520	ug/kg	65 DIL		SW846 8270C
	ND	810	580	ug/kg	72 DIL	11	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	800	830	ug/kg	93 DIL		SW846 8270C
	83	810	780	ug/kg	86 DIL	6.3	SW846 8270C
Isophorone	ND	800	640	ug/kg	79 DIL		SW846 8270C
	ND	810	640	ug/kg	79 DIL	0.66	SW846 8270C
2-Methylnaphthalene	ND	800	700	ug/kg	87 DIL		SW846 8270C
	ND	810	710	ug/kg	88 DIL	2.0	SW846 8270C
2-Methylphenol	ND	800	610	ug/kg	76 DIL		SW846 8270C
	ND	810	610	ug/kg	75 DIL	0.52	SW846 8270C
4-Methylphenol	ND	1600	1100	ug/kg	71 DIL		SW846 8270C
	ND	1600	1100	ug/kg	70 DIL	0.32	SW846 8270C
Naphthalene	ND	800	640	ug/kg	79 DIL		SW846 8270C
	ND	810	630	ug/kg	78 DIL	1.8	SW846 8270C
2-Nitroaniline	ND	800	650	ug/kg	81 DIL		SW846 8270C
	ND	810	760	ug/kg	94 DIL	15	SW846 8270C
3-Nitroaniline	ND	800	640	ug/kg	79 DIL		SW846 8270C
	ND	810	590	ug/kg	73 DIL	7.9	SW846 8270C
4-Nitroaniline	ND	800	800	ug/kg	100		SW846 8270C
		Qualifiers:	DIL				
	ND	810	770	ug/kg	95 DIL	4.2	SW846 8270C
Nitrobenzene	ND	800	590	ug/kg	73 DIL		SW846 8270C
	ND	810	590	ug/kg	73 DIL	0.51	SW846 8270C
2-Nitrophenol	ND	800	540	ug/kg	67 DIL		SW846 8270C
	ND	810	450	ug/kg	55 DIL	20	SW846 8270C
4-Nitrophenol	**ND**	**800**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
		Qualifiers:	DIL,a				
	ND	**810**	**0.0**	**ug/kg**	**0.0**	**0.0**	**SW846 8270C**
		Qualifiers:	DIL,a				

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
N-Nitrosodi-n-propyl-amine	**ND**	**800**	**580**	**ug/kg**	**72 DIL**		**SW846 8270C**
	ND	**810**	**590**	**ug/kg**	**73 DIL**	**2.3**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	800	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	810	0.0	ug/kg	0.0	0.0	SW846 8270C
	Qualifiers: DIL,a						
Pentachlorophenol	**ND**	**800**	**670**	**ug/kg**	**83 DIL**		**SW846 8270C**
	ND	**810**		**ug/kg**	**61**	**31**	**SW846 8270C**
	Qualifiers: DIL,p						
Phenanthrene	1500	800	8500	ug/kg	873		SW846 8270C
	Qualifiers: DIL,a						
	1500	810	8300	ug/kg	840	3.1	SW846 8270C
	Qualifiers: DIL,a						
Phenol	**ND**	**800**	**530**	**ug/kg**	**66 DIL**		**SW846 8270C**
	ND	**810**	**550**	**ug/kg**	**68 DIL**	**4.0**	**SW846 8270C**
Pyrene	**1800**	**800**	**6800**	**ug/kg**	**628**		**SW846 8270C**
	Qualifiers: DIL,a						
	1800	**810**	**6400**	**ug/kg**	**579**	**5.9**	**SW846 8270C**
	Qualifiers: DIL,a						
2,4,5-Trichloro-phenol	ND	800	560	ug/kg	70 DIL		SW846 8270C
	ND	810	630	ug/kg	78 DIL	10	SW846 8270C
2,4,6-Trichloro-phenol	ND	800	590	ug/kg	74 DIL		SW846 8270C
	ND	810	630	ug/kg	78 DIL	5.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68 DIL	(24 - 112)
	68 DIL	(24 - 112)
2-Fluorobiphenyl	69 DIL	(34 - 110)
	67 DIL	(34 - 110)
Terphenyl-d14	82 DIL	(41 - 119)
	89 DIL	(41 - 119)
Phenol-d5	68 DIL	(28 - 110)
	67 DIL	(28 - 110)
2-Fluorophenol	58 DIL	(26 - 110)
	59 DIL	(26 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2,4,6-Tribromophenol	92 DIL	(10 - 118)
	92 DIL	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077054
Dilution Factor: 5 **Initial Wgt/Vol:** 30.13 g **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	69 DIL	(25 - 124)			SW846 8270C
	67 DIL	(25 - 124)	2.5	(0-30)	SW846 8270C
Pyridine	28 DIL	(10 - 110)			SW846 8270C
	20 DIL,p	(10 - 110)	33	(0-30)	SW846 8270C
Acenaphthene	**136 DIL**	**(10 - 200)**			**SW846 8270C**
	134 DIL	**(10 - 200)**	**0.81**	**(0-30)**	**SW846 8270C**
Acenaphthylene	86 DIL	(10 - 200)			SW846 8270C
	90 DIL	(10 - 200)	4.9	(0-30)	SW846 8270C
Acetophenone	67 DIL	(50 - 130)			SW846 8270C
	69 DIL	(50 - 130)	1.8	(0-30)	SW846 8270C
Anthracene	302 DIL,a	(10 - 200)			SW846 8270C
	285 DIL,a	(10 - 200)	4.6	(0-30)	SW846 8270C
Atrazine	124 DIL	(50 - 130)			SW846 8270C
	119 DIL	(50 - 130)	4.2	(0-30)	SW846 8270C
Benzo(a)anthracene	288 DIL,a	(10 - 200)			SW846 8270C
	325 DIL,a	(10 - 200)	9.6	(0-30)	SW846 8270C
Benzo(a)pyrene	236 DIL,a	(10 - 200)			SW846 8270C
	226 DIL,a	(10 - 200)	3.2	(0-30)	SW846 8270C
Benzo(b)fluoranthene	129 DIL	(10 - 200)			SW846 8270C
	116 DIL	(10 - 200)	9.0	(0-30)	SW846 8270C
Benzo(ghi)perylene	135 DIL	(10 - 200)			SW846 8270C
	127 DIL	(10 - 200)	4.2	(0-30)	SW846 8270C
Benzo(k)fluoranthene	102 DIL	(10 - 200)			SW846 8270C
	110 DIL	(10 - 200)	7.8	(0-30)	SW846 8270C
Benzaldehyde	62 DIL	(10 - 130)			SW846 8270C
	71 DIL	(10 - 130)	13	(0-30)	SW846 8270C
1,1'-Biphenyl	105 DIL	(50 - 130)			SW846 8270C
	100 DIL	(50 - 130)	4.6	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	73 DIL	(36 - 110)			SW846 8270C
	73 DIL	(36 - 110)	0.68	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	78 DIL	(32 - 118)			SW846 8270C
	76 DIL	(32 - 118)	2.4	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	86 DIL	(10 - 200)			SW846 8270C
	87 DIL	(10 - 200)	0.63	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	80 DIL	(44 - 120)			SW846 8270C
	82 DIL	(44 - 120)	2.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	80 DIL	(43 - 138)			SW846 8270C
	93 DIL	(43 - 138)	15	(0-30)	SW846 8270C
Caprolactam	313 DIL,a	(50 - 130)			SW846 8270C
	329 DIL,a	(50 - 130)	5.3	(0-30)	SW846 8270C
Carbazole	87 DIL	(10 - 162)			SW846 8270C
	101 DIL	(10 - 162)	15	(0-30)	SW846 8270C
4-Chloroaniline	61 DIL	(11 - 110)			SW846 8270C
	57 DIL	(11 - 110)	5.8	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**75 DIL**	**(32 - 117)**			**SW846 8270C**
	79 DIL	**(32 - 117)**	**6.0**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	70 DIL	(40 - 110)			SW846 8270C
	71 DIL	(40 - 110)	2.3	(0-30)	SW846 8270C
2-Chlorophenol	**68 DIL**	**(32 - 110)**			**SW846 8270C**
	61 DIL	**(32 - 110)**	**9.7**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	83 DIL	(47 - 116)			SW846 8270C
	77 DIL	(47 - 116)	8.3	(0-30)	SW846 8270C
Chrysene	406 DIL,a	(10 - 200)			SW846 8270C
	418 DIL,a	(10 - 200)	2.4	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	84 DIL	(10 - 200)			SW846 8270C
	82 DIL	(10 - 200)	2.3	(0-30)	SW846 8270C
Dibenzofuran	100 DIL	(10 - 200)			SW846 8270C
	100 DIL	(10 - 200)	0.02	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	74 DIL	(10 - 110)			SW846 8270C
	86 DIL	(10 - 110)	15	(0-30)	SW846 8270C
2,4-Dichlorophenol	68 DIL	(33 - 110)			SW846 8270C
	72 DIL	(33 - 110)	6.4	(0-30)	SW846 8270C
Diethyl phthalate	73 DIL	(48 - 118)			SW846 8270C
	76 DIL	(48 - 118)	4.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	72 DIL	(19 - 114)			SW846 8270C
	75 DIL	(19 - 114)	4.1	(0-30)	SW846 8270C
Dimethyl phthalate	77 DIL	(47 - 116)			SW846 8270C
	78 DIL	(47 - 116)	0.78	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	89 DIL	(31 - 145)			SW846 8270C
	96 DIL	(31 - 145)	8.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 DIL,a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dinitrophenol	79 DIL	(10 - 110)			SW846 8270C
	0.0	(10 - 110)	200	(0-30)	SW846 8270C
	Qualifiers: DIL,a,p				
2,4-Dinitrotoluene	**189 DIL,a**	**(42 - 118)**			**SW846 8270C**
	0.0	**(42 - 118)**	**200**	**(0-30)**	**SW846 8270C**
	Qualifiers: DIL,a,p				
2,6-Dinitrotoluene	97 DIL	(28 - 137)			SW846 8270C
	114 DIL	(28 - 137)	16	(0-30)	SW846 8270C
Di-n-octyl phthalate	89 DIL	(10 - 182)			SW846 8270C
	93 DIL	(10 - 182)	4.4	(0-30)	SW846 8270C
Fluoranthene	207 DIL,a	(10 - 200)			SW846 8270C
	187 DIL	(10 - 200)	10	(0-30)	SW846 8270C
Fluorene	244 DIL,a	(10 - 187)			SW846 8270C
	226 DIL,a	(10 - 187)	7.4	(0-30)	SW846 8270C
Hexachlorobenzene	70 DIL	(37 - 122)			SW846 8270C
	83 DIL	(37 - 122)	16	(0-30)	SW846 8270C
Hexachlorobutadiene	82 DIL	(30 - 110)			SW846 8270C
	80 DIL	(30 - 110)	2.4	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 DIL,a	(10 - 110)	0.0	(0-30)	SW846 8270C
Hexachloroethane	65 DIL	(13 - 110)			SW846 8270C
	72 DIL	(13 - 110)	11	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	93 DIL	(10 - 200)			SW846 8270C
	86 DIL	(10 - 200)	6.3	(0-30)	SW846 8270C
Isophorone	79 DIL	(32 - 129)			SW846 8270C
	79 DIL	(32 - 129)	0.66	(0-30)	SW846 8270C
2-Methylnaphthalene	87 DIL	(10 - 200)			SW846 8270C
	88 DIL	(10 - 200)	2.0	(0-30)	SW846 8270C
2-Methylphenol	76 DIL	(19 - 124)			SW846 8270C
	75 DIL	(19 - 124)	0.52	(0-30)	SW846 8270C
4-Methylphenol	71 DIL	(27 - 116)			SW846 8270C
	70 DIL	(27 - 116)	0.32	(0-30)	SW846 8270C
Naphthalene	79 DIL	(10 - 200)			SW846 8270C
	78 DIL	(10 - 200)	1.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Nitroaniline	81 DIL	(31 - 141)			SW846 8270C
	94 DIL	(31 - 141)	15	(0-30)	SW846 8270C
3-Nitroaniline	79 DIL	(24 - 110)			SW846 8270C
	73 DIL	(24 - 110)	7.9	(0-30)	SW846 8270C
4-Nitroaniline	100 DIL	(23 - 124)			SW846 8270C
	95 DIL	(23 - 124)	4.2	(0-30)	SW846 8270C
Nitrobenzene	73 DIL	(33 - 111)			SW846 8270C
	73 DIL	(33 - 111)	0.51	(0-30)	SW846 8270C
2-Nitrophenol	67 DIL	(17 - 110)			SW846 8270C
	55 DIL	(17 - 110)	20	(0-30)	SW846 8270C
4-Nitrophenol	**0.0 DIL,a**	**(10 - 125)**			**SW846 8270C**
	0.0 DIL,a	**(10 - 125)**	**0.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**72 DIL**	**(30 - 121)**			**SW846 8270C**
	73 DIL	**(30 - 121)**	**2.3**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	0.0 DIL,a	(10 - 169)			SW846 8270C
	0.0 DIL,a	(10 - 169)	0.0	(0-30)	SW846 8270C
Pentachlorophenol	**83 DIL**	**(10 - 182)**			**SW846 8270C**
	61 DIL,p	**(10 - 182)**	**31**	**(0-30)**	**SW846 8270C**
Phenanthrene	873 DIL,a	(10 - 200)			SW846 8270C
	840 DIL,a	(10 - 200)	3.1	(0-30)	SW846 8270C
Phenol	**66 DIL**	**(10 - 144)**			**SW846 8270C**
	68 DIL	**(10 - 144)**	**4.0**	**(0-30)**	**SW846 8270C**
Pyrene	**628 DIL,a**	**(10 - 200)**			**SW846 8270C**
	579 DIL,a	**(10 - 200)**	**5.9**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	70 DIL	(32 - 112)			SW846 8270C
	78 DIL	(32 - 112)	10	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	74 DIL	(22 - 110)			SW846 8270C
	78 DIL	(22 - 110)	5.6	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68 DIL	(24 - 112)
	68 DIL	(24 - 112)
2-Fluorobiphenyl	69 DIL	(34 - 110)
	67 DIL	(34 - 110)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJNQM1EM-MS **Matrix.....:** SO
MS Lot-Sample #: A8C150172-001 KJNQM1EN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	82 DIL	(41 - 119)
	89 DIL	(41 - 119)
Phenol-d5	68 DIL	(28 - 110)
	67 DIL	(28 - 110)
2-Fluorophenol	58 DIL	(26 - 110)
	59 DIL	(26 - 110)
2,4,6-Tribromophenol	92 DIL	(10 - 118)
	92 DIL	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD
Date Sampled...: 03/13/08 14:30 **Date Received..:** 03/15/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8078245
Dilution Factor: 100 **Initial Wgt/Vol:** 8.01 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Pyridine	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Acenaphthene	**1000000**	**2900**	**1000000**	**ug/kg**	**421**		**SW846 8270C**
	Qualifiers:		DIL,a				
	1000000	**2900**	**1100000**	**ug/kg**	**2830 a**	**6.5**	**SW846 8270C**
Acenaphthylene	170000	2900	140000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	170000	2900	100000	ug/kg	0.0 a	0.0	SW846 8270C
Acetophenone	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Anthracene	550000	2900	490000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	550000	2900	560000	ug/kg	367 a	0.0	SW846 8270C
Atrazine	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Benzo(a)anthracene	660000	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	660000	2900	570000	ug/kg	0.0	200	SW846 8270C
	Qualifiers:		a,p				
Benzo(a)pyrene	470000	2900	490000	ug/kg	596		SW846 8270C
	Qualifiers:		DIL,a				
	470000	2900	470000	ug/kg	0.0 a	0.0	SW846 8270C
Benzo(b)fluoranthene	850000	2900	850000	ug/kg	72 DIL		SW846 8270C
	850000	2900	690000	ug/kg	0.0 a	0.0	SW846 8270C
Benzo(ghi)perylene	220000	2900	210000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	220000	2900	180000	ug/kg	0.0 a	0.0	SW846 8270C
Benzo(k)fluoranthene	300000	2900	380000	ug/kg	2510		SW846 8270C
	Qualifiers:		DIL,a				
	300000	2900	390000	ug/kg	3060 a	4.1	SW846 8270C
Benzaldehyde	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1'-Biphenyl	850000	2900	830000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	850000	2900	910000	ug/kg	1890 a	0.0	SW846 8270C
bis(2-Chloroethoxy) methane	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
bis(2-Chloroethyl)-ether	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Butyl benzyl phthalate	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Caprolactam	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Carbazole	420000	2900	430000	ug/kg	122		SW846 8270C
	Qualifiers:		DIL				
	420000	2900	450000	ug/kg	798 a	4.4	SW846 8270C
4-Chloroaniline	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**2900**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	ND	**2900**	**0.0**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
2-Chloronaphthalene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2-Chlorophenol	**ND**	**2900**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	ND	**2900**	**0.0**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chlorophenyl phenyl ether	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Chrysene	610000	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	610000	2900	500000	ug/kg	0.0	200	SW846 8270C
	Qualifiers: a,p						
Dibenz(a,h)anthracene	78000	2900	79000	ug/kg	20 DIL		SW846 8270C
	78000	2900	62000	ug/kg	0.0 a	0.0	SW846 8270C
Dibenzofuran	810000	2900	710000	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	810000	2900	730000	ug/kg	0.0 a	0.0	SW846 8270C
3,3'-Dichlorobenzidine	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2,4-Dichlorophenol	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Diethyl phthalate	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2,4-Dimethylphenol	28000	2900	25000	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	28000	2900	20000	ug/kg	0.0 a	0.0	SW846 8270C
Dimethyl phthalate	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Di-n-butyl phthalate	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2,4-Dinitrophenol	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2,4-Dinitrotoluene	**ND**	**2900**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers: DIL,a						
	ND	**2900**	**0.0**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
2,6-Dinitrotoluene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers: DIL,a						
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-octyl phthalate	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Fluoranthene	1300000	2900	1100000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	1300000	2900	1000000	ug/kg	0.0 a	0.0	SW846 8270C
Fluorene	700000	2900	760000	ug/kg	2060		SW846 8270C
	Qualifiers:		DIL,a				
	700000	2900	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:		a,p				
Hexachlorobenzene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachlorobutadiene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachlorocyclopenta-diene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachloroethane	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Indeno(1,2,3-cd)pyrene	220000	2900	220000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	220000	2900	190000	ug/kg	0.0 a	0.0	SW846 8270C
Isophorone	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2-Methylnaphthalene	1100000	2900	920000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	1100000	2900	920000	ug/kg	0.0 a	0.0	SW846 8270C
2-Methylphenol	30000	2900	26000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	30000	2900	19000	ug/kg	0.0 a	0.0	SW846 8270C
4-Methylphenol	84000	5700	74000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	84000	5700	57000	ug/kg	0.0 a	0.0	SW846 8270C
Naphthalene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2-Nitroaniline	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
4-Nitroaniline	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Nitrobenzene	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2-Nitrophenol	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
4-Nitrophenol	**ND**	**2900**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	ND	**2900**	**0.0**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**2900**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	ND	**2900**	**0.0**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Pentachlorophenol	**ND**	**2900**	**0.0**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	ND	**2900**	**0.0**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
Phenanthrene	1500000	2900	1300000	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	1500000	2900	1200000	ug/kg	0.0 a	0.0	SW846 8270C
Phenol	**57000**	**2900**	**52000**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	57000	**2900**	**41000**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
Pyrene	**860000**	**2900**	**780000**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	860000	**2900**	**730000**	**ug/kg**	**0.0 a**	**0.0**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C
2,4,6-Trichloro-phenol	ND	2900	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	2900	0.0	ug/kg	0.0 a	0.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	0.0	(24 - 112)
	Qualifiers: DIL,*	
	0.0	(24 - 112)
	Qualifiers: DIL,*	
2-Fluorobiphenyl	0.0	(34 - 110)
	Qualifiers: DIL,*	
	0.0	(34 - 110)
	Qualifiers: DIL,*	
Terphenyl-d14	0.0	(41 - 119)
	Qualifiers: DIL,*	
	0.0	(41 - 119)
	Qualifiers: DIL,*	
Phenol-d5	0.0	(28 - 110)
	Qualifiers: DIL,*	
	0.0	(28 - 110)
	Qualifiers: DIL,*	
2-Fluorophenol	0.0	(26 - 110)
	Qualifiers: DIL,*	
	0.0	(26 - 110)
	Qualifiers: DIL,*	
2,4,6-Tribromophenol	0.0	(10 - 118)
	Qualifiers: DIL,*	
	0.0	(10 - 118)
	Qualifiers: DIL,*	

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD
Date Sampled...: 03/13/08 14:30 **Date Received..:** 03/15/08
Prep Date.....: 03/18/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8078245
Dilution Factor: 100 **Initial Wgt/Vol:** 8.01 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
	0.0 a	(25 - 124)	0.0	(0-30)	SW846 8270C
Pyridine	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
Acenaphthene	**421 DIL,a**	**(10 - 200)**			**SW846 8270C**
	2830 a	**(10 - 200)**	**6.5**	**(0-30)**	**SW846 8270C**
Acenaphthylene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Acetophenone	0.0 DIL,a	(50 - 130)			SW846 8270C
	0.0 a	(50 - 130)	0.0	(0-30)	SW846 8270C
Anthracene	0.0 DIL,a	(10 - 200)			SW846 8270C
	367 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Atrazine	0.0 DIL,a	(50 - 130)			SW846 8270C
	0.0 a	(50 - 130)	0.0	(0-30)	SW846 8270C
Benzo(a)anthracene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a,p	(10 - 200)	200	(0-30)	SW846 8270C
Benzo(a)pyrene	596 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	72 DIL	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Benzo(ghi)perylene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Benzo(k)fluoranthene	2510 DIL,	(10 - 200)			SW846 8270C
	3060 a	(10 - 200)	4.1	(0-30)	SW846 8270C
Benzaldehyde	0.0 DIL,a	(10 - 130)			SW846 8270C
	0.0 a	(10 - 130)	0.0	(0-30)	SW846 8270C
1,1'-Biphenyl	0.0 DIL,a	(50 - 130)			SW846 8270C
	1890 a	(50 - 130)	0.0	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	0.0 DIL,a	(36 - 110)			SW846 8270C
	0.0 a	(36 - 110)	0.0	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	0.0 DIL,a	(32 - 118)			SW846 8270C
	0.0 a	(32 - 118)	0.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	0.0 DIL,a	(44 - 120)			SW846 8270C
	0.0 a	(44 - 120)	0.0	(0-30)	SW846 8270C
Butyl benzyl phthalate	0.0 DIL,a	(43 - 138)			SW846 8270C
	0.0 a	(43 - 138)	0.0	(0-30)	SW846 8270C
Caprolactam	0.0 DIL,a	(50 - 130)			SW846 8270C
	0.0 a	(50 - 130)	0.0	(0-30)	SW846 8270C
Carbazole	122 DIL	(10 - 162)			SW846 8270C
	798 a	(10 - 162)	4.4	(0-30)	SW846 8270C
4-Chloroaniline	0.0 DIL,a	(11 - 110)			SW846 8270C
	0.0 a	(11 - 110)	0.0	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**0.0 DIL,a**	**(32 - 117)**			**SW846 8270C**
	0.0 a	**(32 - 117)**	**0.0**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	0.0 DIL,a	(40 - 110)			SW846 8270C
	0.0 a	(40 - 110)	0.0	(0-30)	SW846 8270C
2-Chlorophenol	**0.0 DIL,a**	**(32 - 110)**			**SW846 8270C**
	0.0 a	**(32 - 110)**	**0.0**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	0.0 DIL,a	(47 - 116)			SW846 8270C
	0.0 a	(47 - 116)	0.0	(0-30)	SW846 8270C
Chrysene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a,p	(10 - 200)	200	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	20 DIL	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Dibenzofuran	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dichlorophenol	0.0 DIL,a	(33 - 110)			SW846 8270C
	0.0 a	(33 - 110)	0.0	(0-30)	SW846 8270C
Diethyl phthalate	0.0 DIL,a	(48 - 118)			SW846 8270C
	0.0 a	(48 - 118)	0.0	(0-30)	SW846 8270C
2,4-Dimethylphenol	0.0 DIL,a	(19 - 114)			SW846 8270C
	0.0 a	(19 - 114)	0.0	(0-30)	SW846 8270C
Dimethyl phthalate	0.0 DIL,a	(47 - 116)			SW846 8270C
	0.0 a	(47 - 116)	0.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	0.0 DIL,a	(31 - 145)			SW846 8270C
	0.0 a	(31 - 145)	0.0	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dinitrophenol	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**0.0 DIL,a**	**(42 - 118)**			**SW846 8270C**
	0.0 a	**(42 - 118)**	**0.0**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	0.0 DIL,a	(28 - 137)			SW846 8270C
	0.0 a	(28 - 137)	0.0	(0-30)	SW846 8270C
Di-n-octyl phthalate	0.0 DIL,a	(10 - 182)			SW846 8270C
	0.0 a	(10 - 182)	0.0	(0-30)	SW846 8270C
Fluoranthene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Fluorene	2060 DIL,	(10 - 187)			SW846 8270C
	0.0 a,p	(10 - 187)	200	(0-30)	SW846 8270C
Hexachlorobenzene	0.0 DIL,a	(37 - 122)			SW846 8270C
	0.0 a	(37 - 122)	0.0	(0-30)	SW846 8270C
Hexachlorobutadiene	0.0 DIL,a	(30 - 110)			SW846 8270C
	0.0 a	(30 - 110)	0.0	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
Hexachloroethane	0.0 DIL,a	(13 - 110)			SW846 8270C
	0.0 a	(13 - 110)	0.0	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Isophorone	0.0 DIL,a	(32 - 129)			SW846 8270C
	0.0 a	(32 - 129)	0.0	(0-30)	SW846 8270C
2-Methylnaphthalene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
2-Methylphenol	0.0 DIL,a	(19 - 124)			SW846 8270C
	0.0 a	(19 - 124)	0.0	(0-30)	SW846 8270C
4-Methylphenol	0.0 DIL,a	(27 - 116)			SW846 8270C
	0.0 a	(27 - 116)	0.0	(0-30)	SW846 8270C
Naphthalene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
2-Nitroaniline	0.0 DIL,a	(31 - 141)			SW846 8270C
	0.0 a	(31 - 141)	0.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	0.0 DIL,a	(24 - 110)			SW846 8270C
	0.0 a	(24 - 110)	0.0	(0-30)	SW846 8270C
4-Nitroaniline	0.0 DIL,a	(23 - 124)			SW846 8270C
	0.0 a	(23 - 124)	0.0	(0-30)	SW846 8270C
Nitrobenzene	0.0 DIL,a	(33 - 111)			SW846 8270C
	0.0 a	(33 - 111)	0.0	(0-30)	SW846 8270C
2-Nitrophenol	0.0 DIL,a	(17 - 110)			SW846 8270C
	0.0 a	(17 - 110)	0.0	(0-30)	SW846 8270C
4-Nitrophenol	**0.0 DIL,a**	**(10 - 125)**			**SW846 8270C**
	0.0 a	**(10 - 125)**	**0.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**0.0 DIL,a**	**(30 - 121)**			**SW846 8270C**
	0.0 a	**(30 - 121)**	**0.0**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	0.0 DIL,a	(10 - 169)			SW846 8270C
	0.0 a	(10 - 169)	0.0	(0-30)	SW846 8270C
Pentachlorophenol	**0.0 DIL,a**	**(10 - 182)**			**SW846 8270C**
	0.0 a	**(10 - 182)**	**0.0**	**(0-30)**	**SW846 8270C**
Phenanthrene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 a	(10 - 200)	0.0	(0-30)	SW846 8270C
Phenol	**0.0 DIL,a**	**(10 - 144)**			**SW846 8270C**
	0.0 a	**(10 - 144)**	**0.0**	**(0-30)**	**SW846 8270C**
Pyrene	**0.0 DIL,a**	**(10 - 200)**			**SW846 8270C**
	0.0 a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	0.0 DIL,a	(32 - 112)			SW846 8270C
	0.0 a	(32 - 112)	0.0	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	0.0 DIL,a	(22 - 110)			SW846 8270C
	0.0 a	(22 - 110)	0.0	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	0.0	(24 - 112)
	Qualifiers: DIL,*	
	0.0	(24 - 112)
	Qualifiers: DIL,*	
2-Fluorobiphenyl	0.0	(34 - 110)
	Qualifiers: DIL,*	
	0.0	(34 - 110)
	Qualifiers: DIL,*	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJQ531AM-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C180145-002 KJQ531AN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	0.0	(41 - 119)
	Qualifiers: DIL,*	
	0.0	(41 - 119)
	Qualifiers: DIL,*	
Phenol-d5	0.0	(28 - 110)
	Qualifiers: DIL,*	
	0.0	(28 - 110)
	Qualifiers: DIL,*	
2-Fluorophenol	0.0	(26 - 110)
	Qualifiers: DIL,*	
	0.0	(26 - 110)
	Qualifiers: DIL,*	
2,4,6-Tribromophenol	0.0	(10 - 118)
	Qualifiers: DIL,*	
	0.0	(10 - 118)
	Qualifiers: DIL,*	

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD
Date Sampled...: 03/18/08 09:42 **Date Received..:** 03/19/08
Prep Date.....: 03/20/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8080046
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 27

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	**ND**	**910**	**670**	**ug/kg**	**74**		**SW846 8270C**
	ND	**910**	**660**	**ug/kg**	**72**	**2.0**	**SW846 8270C**
Acenaphthylene	ND	910	680	ug/kg	75		SW846 8270C
	ND	910	680	ug/kg	75	0.03	SW846 8270C
Acetophenone	ND	910	580	ug/kg	64		SW846 8270C
	ND	910	610	ug/kg	66	3.6	SW846 8270C
Anthracene	ND	910	780	ug/kg	85		SW846 8270C
	ND	910	780	ug/kg	85	0.02	SW846 8270C
Atrazine	ND	910	740	ug/kg	81		SW846 8270C
	ND	910	790	ug/kg	86	6.4	SW846 8270C
Benzo(a)anthracene	42	910	890	ug/kg	93		SW846 8270C
	42	910	810	ug/kg	84	9.6	SW846 8270C
Benzo(b)fluoranthene	66	910	980	ug/kg	100		SW846 8270C
	66	910	890	ug/kg	91	8.8	SW846 8270C
Benzo(k)fluoranthene	ND	910	880	ug/kg	96		SW846 8270C
	ND	910	870	ug/kg	95	1.1	SW846 8270C
Benzo(ghi)perylene	ND	910	890	ug/kg	97		SW846 8270C
	ND	910	880	ug/kg	96	0.91	SW846 8270C
Benzo(a)pyrene	45	910	900	ug/kg	93		SW846 8270C
	45	910	860	ug/kg	89	4.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	910	690	ug/kg	76		SW846 8270C
	ND	910	700	ug/kg	77	1.6	SW846 8270C
bis(2-Chloroethyl)-ether	ND	910	780	ug/kg	86		SW846 8270C
	ND	910	810	ug/kg	89	3.2	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	910	630	ug/kg	69		SW846 8270C
	ND	910	640	ug/kg	71	1.9	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	910	690	ug/kg	76		SW846 8270C
	ND	910	720	ug/kg	79	3.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Bromophenyl phenyl ether	ND	910	790	ug/kg	86		SW846 8270C
	ND	910	830	ug/kg	92	5.7	SW846 8270C
Butyl benzyl phthalate	ND	910	700	ug/kg	76		SW846 8270C
	ND	910	720	ug/kg	79	2.9	SW846 8270C
4-Chloroaniline	ND	910	510	ug/kg	56		SW846 8270C
	ND	910	530	ug/kg	58	3.5	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**910**	**730**	**ug/kg**	**80**		**SW846 8270C**
	ND	**910**	**760**	**ug/kg**	**83**	**4.6**	**SW846 8270C**
2-Chloronaphthalene	ND	910	650	ug/kg	71		SW846 8270C
	ND	910	640	ug/kg	71	0.63	SW846 8270C
2-Chlorophenol	**ND**	**910**	**620**	**ug/kg**	**68**		**SW846 8270C**
	ND	**910**	**640**	**ug/kg**	**70**	**2.7**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	910	770	ug/kg	84		SW846 8270C
	ND	910	770	ug/kg	85	0.46	SW846 8270C
Chrysene	47	910	940	ug/kg	98		SW846 8270C
	47	910	870	ug/kg	91	7.5	SW846 8270C
Dibenz(a,h)anthracene	ND	910	770	ug/kg	85		SW846 8270C
	ND	910	810	ug/kg	89	4.5	SW846 8270C
Dibenzofuran	ND	910	680	ug/kg	75		SW846 8270C
	ND	910	670	ug/kg	74	1.6	SW846 8270C
Di-n-butyl phthalate	ND	910	730	ug/kg	80		SW846 8270C
	ND	910	760	ug/kg	84	3.7	SW846 8270C
3,3'-Dichlorobenzidine	ND	910	330	ug/kg	36		SW846 8270C
	ND	910	350	ug/kg	39	6.3	SW846 8270C
2,4-Dichlorophenol	ND	910	700	ug/kg	77		SW846 8270C
	ND	910	710	ug/kg	78	1.4	SW846 8270C
Diethyl phthalate	ND	910	720	ug/kg	78		SW846 8270C
	ND	910	720	ug/kg	79	0.93	SW846 8270C
2,4-Dimethylphenol	ND	910	640	ug/kg	70		SW846 8270C
	ND	910	660	ug/kg	73	4.0	SW846 8270C
Dimethyl phthalate	ND	910	720	ug/kg	78		SW846 8270C
	ND	910	720	ug/kg	78	0.07	SW846 8270C
Di-n-octyl phthalate	ND	910	700	ug/kg	77		SW846 8270C
	ND	910	730	ug/kg	80	4.0	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	910	290	ug/kg	32		SW846 8270C
	ND	910	360	ug/kg	40	23	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-Dinitrophenol	ND	910	210	ug/kg	23		SW846 8270C
	ND	910	220	ug/kg	24	4.1	SW846 8270C
2,4-Dinitrotoluene	**ND**	**910**	**750**	**ug/kg**	**82**		**SW846 8270C**
	ND	**910**	**770**	**ug/kg**	**84**	**2.4**	**SW846 8270C**
2,6-Dinitrotoluene	ND	910	780	ug/kg	86		SW846 8270C
	ND	910	760	ug/kg	84	2.7	SW846 8270C
Fluoranthene	110	910	1500	ug/kg	157		SW846 8270C
	110	910	1200	ug/kg	122	23	SW846 8270C
Fluorene	ND	910	720	ug/kg	79		SW846 8270C
	ND	910	700	ug/kg	77	3.7	SW846 8270C
Hexachlorobenzene	ND	910	730	ug/kg	80		SW846 8270C
	ND	910	770	ug/kg	84	4.3	SW846 8270C
Hexachlorobutadiene	ND	910	680	ug/kg	75		SW846 8270C
	ND	910	680	ug/kg	75	0.11	SW846 8270C
Hexachlorocyclopenta-diene	ND	910	270	ug/kg	30		SW846 8270C
	ND	910	290	ug/kg	31	5.8	SW846 8270C
Hexachloroethane	ND	910	610	ug/kg	67		SW846 8270C
	ND	910	610	ug/kg	67	0.39	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	910	870	ug/kg	96		SW846 8270C
	ND	910	880	ug/kg	96	0.50	SW846 8270C
Isophorone	ND	910	730	ug/kg	80		SW846 8270C
	ND	910	730	ug/kg	80	0.07	SW846 8270C
2-Methylnaphthalene	ND	910	710	ug/kg	78		SW846 8270C
	ND	910	730	ug/kg	80	1.6	SW846 8270C
2-Methylphenol	ND	910	620	ug/kg	68		SW846 8270C
	ND	910	750	ug/kg	82	19	SW846 8270C
4-Methylphenol	ND	910	1300	ug/kg	144 a		SW846 8270C
	ND	910	1400	ug/kg	152 a	5.3	SW846 8270C
Naphthalene	ND	910	610	ug/kg	67		SW846 8270C
	ND	910	610	ug/kg	67	0.33	SW846 8270C
2-Nitroaniline	ND	910	750	ug/kg	82		SW846 8270C
	ND	910	760	ug/kg	84	1.5	SW846 8270C
3-Nitroaniline	ND	910	640	ug/kg	70		SW846 8270C
	ND	910	640	ug/kg	70	0.55	SW846 8270C
4-Nitroaniline	ND	910	670	ug/kg	73		SW846 8270C
	ND	910	690	ug/kg	76	3.6	SW846 8270C
Nitrobenzene	ND	910	700	ug/kg	77		SW846 8270C
	ND	910	680	ug/kg	75	2.8	SW846 8270C
2-Nitrophenol	ND	910	640	ug/kg	70		SW846 8270C
	ND	910	640	ug/kg	71	0.01	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Nitrophenol	**ND**	**910**	**540**	**ug/kg**	**59**		**SW846 8270C**
	ND	**910**	**570**	**ug/kg**	**63**	**6.1**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**910**	**640**	**ug/kg**	**70**		**SW846 8270C**
	ND	**910**	**660**	**ug/kg**	**72**	**2.4**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	910	650	ug/kg	71		SW846 8270C
	ND	910	690	ug/kg	75	5.1	SW846 8270C
Pentachlorophenol	**ND**	**910**	**250**	**ug/kg**	**28**		**SW846 8270C**
	ND	**910**	**370**	**ug/kg**	**41 p**	**38**	**SW846 8270C**
Phenanthrene	55	910	1100	ug/kg	119		SW846 8270C
	55	910	930	ug/kg	96	20	SW846 8270C
Phenol	**ND**	**910**	**650**	**ug/kg**	**71**		**SW846 8270C**
	ND	**910**	**670**	**ug/kg**	**73**	**2.4**	**SW846 8270C**
Pyrene	**86**	**910**	**1300**	**ug/kg**	**128**		**SW846 8270C**
	86	**910**	**1000**	**ug/kg**	**104**	**20**	**SW846 8270C**
Pyridine	ND	910	420	ug/kg	46		SW846 8270C
	ND	910	410	ug/kg	45	0.96	SW846 8270C
2,4,5-Trichloro-phenol	ND	910	740	ug/kg	81		SW846 8270C
	ND	910	760	ug/kg	84	2.7	SW846 8270C
2,4,6-Trichloro-phenol	ND	910	670	ug/kg	73		SW846 8270C
	ND	910	720	ug/kg	79	6.5	SW846 8270C
Carbazole	ND	910	750	ug/kg	82		SW846 8270C
	ND	910	770	ug/kg	85	2.7	SW846 8270C
Benzaldehyde	ND	910	700	ug/kg	77		SW846 8270C
	ND	910	720	ug/kg	79	2.6	SW846 8270C
1,1'-Biphenyl	ND	910	600	ug/kg	66		SW846 8270C
	ND	910	610	ug/kg	67	1.8	SW846 8270C
Caprolactam	ND	910	710	ug/kg	78		SW846 8270C
	ND	910	740	ug/kg	81	3.6	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
	76	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
	68	(34 - 110)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	81	(41 - 119)
	85	(41 - 119)
Phenol-d5	72	(28 - 110)
	74	(28 - 110)
2-Fluorophenol	70	(26 - 110)
	71	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)
	86	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD
Date Sampled...: 03/18/08 09:42 **Date Received..:** 03/19/08
Prep Date.....: 03/20/08 **Analysis Date..:** 03/21/08
Prep Batch #...: 8080046
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 2 mL
% Moisture.....: 27

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	**74**	**(10 - 200)**			**SW846 8270C**
	72	**(10 - 200)**	**2.0**	**(0-30)**	**SW846 8270C**
Acenaphthylene	75	(10 - 200)			SW846 8270C
	75	(10 - 200)	0.03	(0-30)	SW846 8270C
Acetophenone	64	(50 - 130)			SW846 8270C
	66	(50 - 130)	3.6	(0-30)	SW846 8270C
Anthracene	85	(10 - 200)			SW846 8270C
	85	(10 - 200)	0.02	(0-30)	SW846 8270C
Atrazine	81	(50 - 130)			SW846 8270C
	86	(50 - 130)	6.4	(0-30)	SW846 8270C
Benzo(a)anthracene	93	(10 - 200)			SW846 8270C
	84	(10 - 200)	9.6	(0-30)	SW846 8270C
Benzo(b)fluoranthene	100	(10 - 200)			SW846 8270C
	91	(10 - 200)	8.8	(0-30)	SW846 8270C
Benzo(k)fluoranthene	96	(10 - 200)			SW846 8270C
	95	(10 - 200)	1.1	(0-30)	SW846 8270C
Benzo(ghi)perylene	97	(10 - 200)			SW846 8270C
	96	(10 - 200)	0.91	(0-30)	SW846 8270C
Benzo(a)pyrene	93	(10 - 200)			SW846 8270C
	89	(10 - 200)	4.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	76	(36 - 110)			SW846 8270C
	77	(36 - 110)	1.6	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	86	(32 - 118)			SW846 8270C
	89	(32 - 118)	3.2	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	69	(25 - 124)			SW846 8270C
	71	(25 - 124)	1.9	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	76	(10 - 200)			SW846 8270C
	79	(10 - 200)	3.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Bromophenyl phenyl ether	86	(44 - 120)			SW846 8270C
	92	(44 - 120)	5.7	(0-30)	SW846 8270C
Butyl benzyl phthalate	76	(43 - 138)			SW846 8270C
	79	(43 - 138)	2.9	(0-30)	SW846 8270C
4-Chloroaniline	56	(11 - 110)			SW846 8270C
	58	(11 - 110)	3.5	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**80**	**(32 - 117)**			**SW846 8270C**
	83	**(32 - 117)**	**4.6**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	71	(40 - 110)			SW846 8270C
	71	(40 - 110)	0.63	(0-30)	SW846 8270C
2-Chlorophenol	**68**	**(32 - 110)**			**SW846 8270C**
	70	**(32 - 110)**	**2.7**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	84	(47 - 116)			SW846 8270C
	85	(47 - 116)	0.46	(0-30)	SW846 8270C
Chrysene	98	(10 - 200)			SW846 8270C
	91	(10 - 200)	7.5	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	85	(10 - 200)			SW846 8270C
	89	(10 - 200)	4.5	(0-30)	SW846 8270C
Dibenzofuran	75	(10 - 200)			SW846 8270C
	74	(10 - 200)	1.6	(0-30)	SW846 8270C
Di-n-butyl phthalate	80	(31 - 145)			SW846 8270C
	84	(31 - 145)	3.7	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	36	(10 - 110)			SW846 8270C
	39	(10 - 110)	6.3	(0-30)	SW846 8270C
2,4-Dichlorophenol	77	(33 - 110)			SW846 8270C
	78	(33 - 110)	1.4	(0-30)	SW846 8270C
Diethyl phthalate	78	(48 - 118)			SW846 8270C
	79	(48 - 118)	0.93	(0-30)	SW846 8270C
2,4-Dimethylphenol	70	(19 - 114)			SW846 8270C
	73	(19 - 114)	4.0	(0-30)	SW846 8270C
Dimethyl phthalate	78	(47 - 116)			SW846 8270C
	78	(47 - 116)	0.07	(0-30)	SW846 8270C
Di-n-octyl phthalate	77	(10 - 182)			SW846 8270C
	80	(10 - 182)	4.0	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	32	(10 - 110)			SW846 8270C
	40	(10 - 110)	23	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrophenol	23	(10 - 110)			SW846 8270C
	24	(10 - 110)	4.1	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**82**	**(42 - 118)**			**SW846 8270C**
	84	**(42 - 118)**	**2.4**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	86	(28 - 137)			SW846 8270C
	84	(28 - 137)	2.7	(0-30)	SW846 8270C
Fluoranthene	157	(10 - 200)			SW846 8270C
	122	(10 - 200)	23	(0-30)	SW846 8270C
Fluorene	79	(10 - 187)			SW846 8270C
	77	(10 - 187)	3.7	(0-30)	SW846 8270C
Hexachlorobenzene	80	(37 - 122)			SW846 8270C
	84	(37 - 122)	4.3	(0-30)	SW846 8270C
Hexachlorobutadiene	75	(30 - 110)			SW846 8270C
	75	(30 - 110)	0.11	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	30	(10 - 110)			SW846 8270C
	31	(10 - 110)	5.8	(0-30)	SW846 8270C
Hexachloroethane	67	(13 - 110)			SW846 8270C
	67	(13 - 110)	0.39	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	96	(10 - 200)			SW846 8270C
	96	(10 - 200)	0.50	(0-30)	SW846 8270C
Isophorone	80	(32 - 129)			SW846 8270C
	80	(32 - 129)	0.07	(0-30)	SW846 8270C
2-Methylnaphthalene	78	(10 - 200)			SW846 8270C
	80	(10 - 200)	1.6	(0-30)	SW846 8270C
2-Methylphenol	68	(19 - 124)			SW846 8270C
	82	(19 - 124)	19	(0-30)	SW846 8270C
4-Methylphenol	144 a	(27 - 116)			SW846 8270C
	152 a	(27 - 116)	5.3	(0-30)	SW846 8270C
Naphthalene	67	(10 - 200)			SW846 8270C
	67	(10 - 200)	0.33	(0-30)	SW846 8270C
2-Nitroaniline	82	(31 - 141)			SW846 8270C
	84	(31 - 141)	1.5	(0-30)	SW846 8270C
3-Nitroaniline	70	(24 - 110)			SW846 8270C
	70	(24 - 110)	0.55	(0-30)	SW846 8270C
4-Nitroaniline	73	(23 - 124)			SW846 8270C
	76	(23 - 124)	3.6	(0-30)	SW846 8270C
Nitrobenzene	77	(33 - 111)			SW846 8270C
	75	(33 - 111)	2.8	(0-30)	SW846 8270C
2-Nitrophenol	70	(17 - 110)			SW846 8270C
	71	(17 - 110)	0.01	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Nitrophenol	**59**	**(10 - 125)**			**SW846 8270C**
	63	**(10 - 125)**	**6.1**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**70**	**(30 - 121)**			**SW846 8270C**
	72	**(30 - 121)**	**2.4**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	71	(10 - 169)			SW846 8270C
	75	(10 - 169)	5.1	(0-30)	SW846 8270C
Pentachlorophenol	**28**	**(10 - 182)**			**SW846 8270C**
	41 p	**(10 - 182)**	**38**	**(0-30)**	**SW846 8270C**
Phenanthrene	119	(10 - 200)			SW846 8270C
	96	(10 - 200)	20	(0-30)	SW846 8270C
Phenol	**71**	**(10 - 144)**			**SW846 8270C**
	73	**(10 - 144)**	**2.4**	**(0-30)**	**SW846 8270C**
Pyrene	**128**	**(10 - 200)**			**SW846 8270C**
	104	**(10 - 200)**	**20**	**(0-30)**	**SW846 8270C**
Pyridine	46	(10 - 110)			SW846 8270C
	45	(10 - 110)	0.96	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	81	(32 - 112)			SW846 8270C
	84	(32 - 112)	2.7	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	73	(22 - 110)			SW846 8270C
	79	(22 - 110)	6.5	(0-30)	SW846 8270C
Carbazole	82	(10 - 162)			SW846 8270C
	85	(10 - 162)	2.7	(0-30)	SW846 8270C
Benzaldehyde	77	(10 - 130)			SW846 8270C
	79	(10 - 130)	2.6	(0-30)	SW846 8270C
1,1'-Biphenyl	66	(50 - 130)			SW846 8270C
	67	(50 - 130)	1.8	(0-30)	SW846 8270C
Caprolactam	78	(50 - 130)			SW846 8270C
	81	(50 - 130)	3.6	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
	76	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
	68	(34 - 110)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJVR61AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C190244-017 KJVR61AD-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Terphenyl-d14	81	(41 - 119)
	85	(41 - 119)
Phenol-d5	72	(28 - 110)
	74	(28 - 110)
2-Fluorophenol	70	(26 - 110)
	71	(26 - 110)
2,4,6-Tribromophenol	82	(10 - 118)
	86	(10 - 118)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

GC Semivolatiles

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA1A7 **Matrix.....:** SO
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 15 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	17
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
Decachlorobiphenyl	128	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

GC Semivolatiles

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD1AJ **Matrix.....:** SO
Date Sampled...: 03/10/08 11:40 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.15 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	19
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	20
Aroclor 1254	ND	38	ug/kg	20
Aroclor 1260	ND	38	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
Decachlorobiphenyl	130	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

GC Semivolatiles

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF1AV **Matrix.....:** SO
Date Sampled...: 03/10/08 12:35 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(10 - 196)
Decachlorobiphenyl	137	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

GC Semivolatiles

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG1A7 **Matrix.....:** SO
Date Sampled...: 03/10/08 14:10 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
Decachlorobiphenyl	136	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

GC Semivolatiles

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH1AJ **Matrix.....:** SO
Date Sampled...: 03/10/08 15:20 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	ND	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
Decachlorobiphenyl	139	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

GC Semivolatiles

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT1A7 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

GC Semivolatiles

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K1AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 12:05 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.12 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(10 - 196)
Decachlorobiphenyl	88	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

GC Semivolatiles

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P1AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.6 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	15
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(10 - 196)
Decachlorobiphenyl	96	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

GC Semivolatiles

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T1AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 13:40 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.4 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	ND	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	97	(10 - 196)
Decachlorobiphenyl	99	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

GC Semivolatiles

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE011AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 14:15 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	19
Aroclor 1254	ND	38	ug/kg	19
Aroclor 1260	ND	38	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

GC Semivolatiles

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE021AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 15:00 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.0 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	17
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	18
Aroclor 1254	ND	36	ug/kg	18
Aroclor 1260	ND	36	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
Decachlorobiphenyl	95	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

GC Semivolatiles

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE031AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 15:05 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.18 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 8.8 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	23
Aroclor 1221	ND	36	ug/kg	18
Aroclor 1232	ND	36	ug/kg	15
Aroclor 1242	ND	36	ug/kg	14
Aroclor 1248	ND	36	ug/kg	19
Aroclor 1254	ND	36	ug/kg	19
Aroclor 1260	ND	36	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 196)
Decachlorobiphenyl	101	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

GC Semivolatiles

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE041AJ **Matrix.....:** SO
Date Sampled...: 03/11/08 16:05 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 9.7 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(10 - 196)
Decachlorobiphenyl	82	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

GC Semivolatiles

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J1A7 **Matrix.....:** SO
Date Sampled...: 03/12/08 08:25 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 18 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	25
Aroclor 1221	ND	40	ug/kg	19
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	21
Aroclor 1254	ND	40	ug/kg	21
Aroclor 1260	ND	40	ug/kg	21

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 196)
Decachlorobiphenyl	112	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

GC Semivolatiles

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N1AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 08:50 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.13 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	51	(10 - 196)
Decachlorobiphenyl	77	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

GC Semivolatiles

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T1AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 09:00 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49	(10 - 196)
Decachlorobiphenyl	93	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

GC Semivolatiles

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V1AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 12:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.03 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(10 - 196)
Decachlorobiphenyl	103	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

GC Semivolatiles

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W1A1 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 11 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	41	(10 - 196)
Decachlorobiphenyl	66	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

GC Semivolatiles

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG301AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 14:50 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.1 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(10 - 196)
Decachlorobiphenyl	116	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

GC Semivolatiles

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG331AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 16:25 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.18 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	47	(10 - 196)
Decachlorobiphenyl	81	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

GC Semivolatiles

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG341AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 16:30 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49	(10 - 196)
Decachlorobiphenyl	83	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

GC Semivolatiles

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG361AJ **Matrix.....:** SO
Date Sampled...: 03/12/08 17:00 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	19
Aroclor 1254	ND	38	ug/kg	19
Aroclor 1260	ND	38	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	50	(10 - 196)
Decachlorobiphenyl	87	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

GC Semivolatiles

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF1A7 **Matrix.....:** SO
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 100 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	3800	ug/kg	2400
Aroclor 1221	ND	3800	ug/kg	1900
Aroclor 1232	ND	3800	ug/kg	1600
Aroclor 1242	ND	3800	ug/kg	1500
Aroclor 1248	ND	3800	ug/kg	2000
Aroclor 1254	**20000**	**3800**	**ug/kg**	**2000**
Aroclor 1260	ND	3800	ug/kg	2000

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	135 DIL	(10 - 196)
Decachlorobiphenyl	118 DIL	(10 - 199)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

GC Semivolatiles

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP1AJ **Matrix.....:** SO
Date Sampled...: 03/13/08 11:15 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 1 **Initial Wgt/Vol:** 30.09 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	23
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	14
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	73	(10 - 196)
Decachlorobiphenyl	71	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

GC Semivolatiles

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX71AJ **Matrix.....:** SO
Date Sampled...: 03/13/08 14:35 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 1 **Initial Wgt/Vol:** 30.07 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	37	ug/kg	24
Aroclor 1221	ND	37	ug/kg	18
Aroclor 1232	ND	37	ug/kg	16
Aroclor 1242	ND	37	ug/kg	15
Aroclor 1248	ND	37	ug/kg	19
Aroclor 1254	ND	37	ug/kg	19
Aroclor 1260	ND	37	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	60	(10 - 196)
Decachlorobiphenyl	56	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

GC Semivolatiles

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A1AJ **Matrix.....:** SO
Date Sampled...: 03/13/08 15:10 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 1 **Initial Wgt/Vol:** 30.16 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	24
Aroclor 1221	ND	38	ug/kg	18
Aroclor 1232	ND	38	ug/kg	16
Aroclor 1242	ND	38	ug/kg	15
Aroclor 1248	ND	38	ug/kg	19
Aroclor 1254	ND	38	ug/kg	19
Aroclor 1260	ND	38	ug/kg	19

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(10 - 196)
Decachlorobiphenyl	58	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

GC Semivolatiles

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D1AJ **Matrix.....:** SO
Date Sampled...: 03/13/08 16:00 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 1 **Initial Wgt/Vol:** 30.14 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	16
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(10 - 196)
Decachlorobiphenyl	60	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

GC Semivolatiles

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM1A7 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30.05 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	25
Aroclor 1221	ND	40	ug/kg	19
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	21
Aroclor 1254	ND	40	ug/kg	21
Aroclor 1260	ND	40	ug/kg	21

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	119	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

GC Semivolatiles

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ11AJ **Matrix.....:** SO
Date Sampled...: 03/14/08 10:50 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30.04 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	25
Aroclor 1221	ND	39	ug/kg	19
Aroclor 1232	ND	39	ug/kg	16
Aroclor 1242	ND	39	ug/kg	15
Aroclor 1248	ND	39	ug/kg	20
Aroclor 1254	ND	39	ug/kg	20
Aroclor 1260	ND	39	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	93	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

GC Semivolatiles

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ21AJ **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 6.2 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	22
Aroclor 1221	ND	35	ug/kg	17
Aroclor 1232	ND	35	ug/kg	15
Aroclor 1242	ND	35	ug/kg	14
Aroclor 1248	ND	35	ug/kg	18
Aroclor 1254	ND	35	ug/kg	18
Aroclor 1260	ND	35	ug/kg	18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
Decachlorobiphenyl	108	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

GC Semivolatiles

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ31AJ **Matrix.....:** SO
Date Sampled...: 03/14/08 10:00 **Date Received..:** 03/15/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30.17 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 17 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	25
Aroclor 1221	ND	40	ug/kg	19
Aroclor 1232	ND	40	ug/kg	17
Aroclor 1242	ND	40	ug/kg	16
Aroclor 1248	ND	40	ug/kg	21
Aroclor 1254	ND	40	ug/kg	21
Aroclor 1260	ND	40	ug/kg	21

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	36	(10 - 196)
Decachlorobiphenyl	48	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC721AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C110000-311

Prep Date.....: 03/11/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/17/08 **Prep Batch #...:** 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	**14 J**	**33**	**ug/kg**	**SW846 8082**
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(10 - 196)
Decachlorobiphenyl	140	(10 - 199)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFF01AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C120000-346

Prep Date.....: 03/12/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/15/08 **Prep Batch #...:** 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	96	(10 - 196)
Decachlorobiphenyl	100	(10 - 199)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHTL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C130000-295

Prep Date.....: 03/13/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/17/08 **Prep Batch #...:** 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	49	(10 - 196)
Decachlorobiphenyl	85	(10 - 199)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM261AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C150000-011

Prep Date.....: 03/15/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/19/08 **Prep Batch #...:** 8075011
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	57	(10 - 196)
Decachlorobiphenyl	59	(10 - 199)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF61AA **Matrix.....:** SOLID
MB Lot-Sample #: A8C170000-052

Prep Date.....: 03/17/08 **Final Wgt/Vol..:** 10 mL
Analysis Date..: 03/20/08 **Prep Batch #...:** 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30 g

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	33	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	42	(10 - 196)
Decachlorobiphenyl	61	(10 - 199)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC721AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C110000-311
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**290**	**ug/kg**	**88**	**SW846 8082**
Aroclor 1260	**330**	**330**	**ug/kg**	**100**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	144	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC721AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C110000-311
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**88**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**100**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	87	(10 - 196)
Decachlorobiphenyl	144	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFF01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-346
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**290**	**ug/kg**	**86**	**SW846 8082**
Aroclor 1260	**330**	**310**	**ug/kg**	**94**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 196)
Decachlorobiphenyl	97	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJFF01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C120000-346
Prep Date.....: 03/12/08 **Analysis Date..:** 03/15/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**86**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**94**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 196)
Decachlorobiphenyl	97	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHTL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-295
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**290**	**ug/kg**	**86**	**SW846 8082**
Aroclor 1260	**330**	**330**	**ug/kg**	**100**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 196)
Decachlorobiphenyl	139	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJHTL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C130000-295
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**86**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**100**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(10 - 196)
Decachlorobiphenyl	139	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM261AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-011
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**300**	**ug/kg**	**89**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**91**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 196)
Decachlorobiphenyl	97	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJM261AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C150000-011
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**89**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**91**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	98	(10 - 196)
Decachlorobiphenyl	97	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF61AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-052
Prep Date.....: 03/17/08 **Analysis Date..:** 03/20/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**260**	**ug/kg**	**79**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**90**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	119	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJPF61AC **Matrix.....:** SOLID
LCS Lot-Sample#: A8C170000-052
Prep Date.....: 03/17/08 **Analysis Date..:** 03/20/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Final Wgt/Vol..:** 10 mL
Initial Wgt/Vol: 30 g

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**79**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**90**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(10 - 196)
Decachlorobiphenyl	119	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461AH-MSD
Date Sampled...: 03/10/08 13:25 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**390**	**360**	**ug/kg**	**94**		**SW846 8082**
	ND	**390**	**350**	**ug/kg**	**91**	**3.4**	**SW846 8082**
Aroclor 1260	**ND**	**390**	**410**	**ug/kg**	**105**		**SW846 8082**
	ND	**390**	**390**	**ug/kg**	**100**	**5.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
	75	(10 - 196)
Decachlorobiphenyl	148	(10 - 199)
	138	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJC461AG-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C110202-001 KJC461AH-MSD
Date Sampled...: 03/10/08 13:25 **Date Received..:** 03/11/08
Prep Date.....: 03/11/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8071311
Dilution Factor: 1 **Initial Wgt/Vol:** 30.06 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 14

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**94**	**(10 - 199)**			**SW846 8082**
	91	**(10 - 199)**	**3.4**	**(0-30)**	**SW846 8082**
Aroclor 1260	**105**	**(10 - 199)**			**SW846 8082**
	100	**(10 - 199)**	**5.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
	75	(10 - 196)
Decachlorobiphenyl	148	(10 - 199)
	138	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EC-MSD
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**380**	**220**	**ug/kg**	**58**		**SW846 8082**
	ND	**380**	**200**	**ug/kg**	**53**	**8.0**	**SW846 8082**
Aroclor 1260	**ND**	**380**	**260**	**ug/kg**	**69**		**SW846 8082**
	ND	**380**	**260**	**ug/kg**	**68**	**2.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 196)
	71	(10 - 196)
Decachlorobiphenyl	87	(10 - 199)
	88	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJEXT1EA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C120185-001 KJEXT1EC-MSD
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
Prep Date.....: 03/12/08 **Analysis Date..:** 03/14/08
Prep Batch #...: 8072346
Dilution Factor: 1 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**58**	**(10 - 199)**			**SW846 8082**
	53	**(10 - 199)**	**8.0**	**(0-30)**	**SW846 8082**
Aroclor 1260	**69**	**(10 - 199)**			**SW846 8082**
	68	**(10 - 199)**	**2.4**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(10 - 196)
	71	(10 - 196)
Decachlorobiphenyl	87	(10 - 199)
	88	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1A2-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1A3-MSD
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**380**	**180**	**ug/kg**	**48**		**SW846 8082**
	ND	**380**	**220**	**ug/kg**	**59**	**21**	**SW846 8082**
Aroclor 1260	**ND**	**380**	**200**	**ug/kg**	**54**		**SW846 8082**
	ND	**380**	**260**	**ug/kg**	**68**	**23**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	42	(10 - 196)
	50	(10 - 196)
Decachlorobiphenyl	77	(10 - 199)
	94	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJG3W1A2-MS **Matrix.....:** SO
MS Lot-Sample #: A8C130160-005 KJG3W1A3-MSD
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
Prep Date.....: 03/13/08 **Analysis Date..:** 03/17/08
Prep Batch #...: 8073295
Dilution Factor: 1 **Initial Wgt/Vol:** 30.01 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**48**	**(10 - 199)**			**SW846 8082**
	59	**(10 - 199)**	**21**	**(0-30)**	**SW846 8082**
Aroclor 1260	**54**	**(10 - 199)**			**SW846 8082**
	68	**(10 - 199)**	**23**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	42	(10 - 196)
	50	(10 - 196)
Decachlorobiphenyl	77	(10 - 199)
	94	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJLXF1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C140235-001 KJLXF1CC-MSD
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 100 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**380**		**ug/kg**	**517**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**380**		**ug/kg**	**485**	**6.4**	**SW846 8082**
	Qualifiers: DIL,a						
Aroclor 1260	**ND**	**380**	**8200**	**ug/kg**	**2140**		**SW846 8082**
	Qualifiers: DIL,a						
	ND	**380**	**8100**	**ug/kg**	**2110**	**1.4**	**SW846 8082**
	Qualifiers: DIL,a						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	269	(10 - 196)
	Qualifiers: DIL,*	
	116 DIL	(10 - 196)
Decachlorobiphenyl	174 DIL	(10 - 199)
	95 DIL	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJLXF1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A8C140235-001 KJLXF1CC-MSD
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
Prep Date.....: 03/15/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8075011
Dilution Factor: 100 **Initial Wgt/Vol:** 30.08 g **Final Wgt/Vol..:** 10 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**517 DIL,a**	**(10 - 199)**			**SW846 8082**
	485 DIL,a	**(10 - 199)**	**6.4**	**(0-30)**	**SW846 8082**
Aroclor 1260	**2140 DIL,**	**(10 - 199)**			**SW846 8082**
	2110 DIL,	**(10 - 199)**	**1.4**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	269	(10 - 196)
	Qualifiers: DIL,*	
Decachlorobiphenyl	116 DIL	(10 - 196)
	174 DIL	(10 - 199)
	95 DIL	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJKX1A9-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130274-018 KJJKX1CA-MSD
Date Sampled...: 03/12/08 13:00 **Date Received..:** 03/13/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**290**	**ug/kg**	**77**		**SW846 8082**
	ND	**370**	**320**	**ug/kg**	**86**	**11**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**310**	**ug/kg**	**84**		**SW846 8082**
	ND	**370**	**350**	**ug/kg**	**94**	**11**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
	86	(10 - 196)
Decachlorobiphenyl	121	(10 - 199)
	135	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8C11158 **Work Order #...:** KJJKX1A9-MS **Matrix.....:** SOLID
MS Lot-Sample #: A8C130274-018 KJJKX1CA-MSD
Date Sampled...: 03/12/08 13:00 **Date Received..:** 03/13/08
Prep Date.....: 03/17/08 **Analysis Date..:** 03/19/08
Prep Batch #...: 8077052
Dilution Factor: 1 **Initial Wgt/Vol:** 30.02 g **Final Wgt/Vol..:** 10 mL
% Moisture.....: 10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**77**	**(10 - 199)**			**SW846 8082**
	86	**(10 - 199)**	**11**	**(0-30)**	**SW846 8082**
Aroclor 1260	**84**	**(10 - 199)**			**SW846 8082**
	94	**(10 - 199)**	**11**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	75	(10 - 196)
	86	(10 - 196)
Decachlorobiphenyl	121	(10 - 199)
	135	(10 - 199)

NOTE(S):

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

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

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METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-001

TOTAL Metals

Lot-Sample #...: A8C110158-001 **Matrix.....:** SO
Date Sampled...: 03/06/08 14:15 **Date Received..:** 03/11/08
% Moisture.....: 9.3

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**9.2**	**0.44**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJCPC1A6**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	ND	0.088	mg/kg	SW846 6020	03/13-03/14/08	KJCPC1A1
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5240**	**17.6**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AD**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.6		
Arsenic	**4.7**	**0.088**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPC1AX**
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.068		
Barium	**38.3 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AE**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.078		
Beryllium	**0.28**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AF**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**65900 J**	**441**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AH**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 17.6		
Cadmium	**0.23**	**0.088**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AG**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**5.3**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AJ**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-001

TOTAL Metals

Lot-Sample #...: A8C110158-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**9.7**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AU**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**15.4**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AK**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**11800**	**8.8**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AL**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	03/13-03/17/08	KJCPC1AC
		Dilution Factor: 1		Analysis Time..: 11:36	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1010 J**	**441**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AQ**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.8		
Magnesium	**10700**	**88.2**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AM**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**373 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AN**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**826**	**88.2**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AR**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 72.7		
Nickel	**13.9**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AP**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.1 J**	**0.26**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AV**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-001

TOTAL Metals

Lot-Sample #...: A8C110158-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.053 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPC1AW**
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.39**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPC1A0**
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.099		
Thallium	**0.17**	**0.088**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPC1A2**
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**13.7**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPC1AT**
		Dilution Factor: 1		Analysis Time..: 05:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**33.8**	**0.88**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPC1A3**
		Dilution Factor: 1		Analysis Time..: 15:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-002

TOTAL Metals

Lot-Sample #...: A8C110158-002 **Matrix.....:** SO
Date Sampled...: 03/06/08 14:17 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**11.9**	**0.46**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJCPE1AH**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8073029						
Silver	ND	0.091	mg/kg	SW846 6020	03/13-03/14/08	KJCPE1AC
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6550**	**18.2**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AL**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.9		
Arsenic	**6.7**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPE1A6**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**41.9 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AM**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.36**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AN**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**74800 J**	**2280**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AQ**
		Dilution Factor: 5		Analysis Time..: 09:05	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 91.2		
Cadmium	**0.31**	**0.091**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AP**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**6.3**	**0.46**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AR**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-002

TOTAL Metals

Lot-Sample #...: A8C110158-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.3**	**0.46**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1A3**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**15.9**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AT**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**16600**	**9.1**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AU**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	03/13-03/17/08	KJCPE1AK
		Dilution Factor: 1		Analysis Time..: 11:32	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1190 J**	**456**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1A0**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**11400**	**91.2**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AV**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**336 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AW**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**811**	**91.2**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1A1**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 75.2		
Nickel	**18.1**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1AX**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**7.2 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1A4**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-002

TOTAL Metals

Lot-Sample #...: A8C110158-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.066 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPE1A5**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.48**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPE1AA**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.15**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPE1AD**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**16.1**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPE1A2**
		Dilution Factor: 1		Analysis Time..: 05:18	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**57.9**	**0.91**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPE1AE**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-001

TOTAL Metals

Lot-Sample #...: A8C110158-003 **Matrix.....:** SO
Date Sampled...: 03/07/08 08:15 **Date Received..:** 03/11/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**4.6**	**0.45**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJCPF1AH**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	ND	0.089	mg/kg	SW846 6020	03/13-03/14/08	KJCPF1AC
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**1640**	**17.8**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AL**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**3.7**	**0.089**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPF1A6**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**7.6 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AM**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.11 B**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AN**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**37600 J**	**445**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AQ**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 17.8		
Cadmium	**0.26**	**0.089**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AP**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**2.4**	**0.45**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AR**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-001

TOTAL Metals

Lot-Sample #...: A8C110158-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**4.6**	**0.45**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1A3**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**8.0**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AT**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**5150**	**8.9**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AU**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/13-03/17/08	KJCPF1AK
		Dilution Factor: 1		Analysis Time..: 11:27	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**371 B,J**	**445**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1A0**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**7290**	**89.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AV**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**124 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AW**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	ND	89.0	mg/kg	SW846 6010B	03/13-03/14/08	KJCPF1A1
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 73.4		
Nickel	**8.2**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1AX**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**3.6 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1A4**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-001

TOTAL Metals

Lot-Sample #...: A8C110158-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.080 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPF1A5**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.21**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPF1AA**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.13**	**0.089**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPF1AD**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**8.5**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPF1A2**
		Dilution Factor: 1		Analysis Time..: 05:22	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**33.2**	**0.89**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPF1AE**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-002

TOTAL Metals

Lot-Sample #...: A8C110158-004 **Matrix.....:** SO
Date Sampled...: 03/07/08 08:17 **Date Received..:** 03/11/08
% Moisture.....: 23

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**6.4**	**0.52**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJCPJ1AH**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.17		
Prep Batch #...: 8073029						
Silver	**0.038 B**	**0.10**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPJ1AC**
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.021		
Aluminum	**3050**	**20.8**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AL**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 12.5		
Arsenic	**6.6**	**0.10**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPJ1A6**
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Barium	**12.9 J**	**1.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AM**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.092		
Beryllium	**0.20 B**	**0.21**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AN**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.056		
Calcium	**68700 J**	**519**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AQ**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 20.8		
Cadmium	**0.62**	**0.10**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AP**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.047		
Cobalt	**5.0**	**0.52**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AR**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-002

TOTAL Metals

Lot-Sample #...: A8C110158-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**6.4**	**0.52**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1A3**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.26		
Copper	**15.7**	**1.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AT**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.96		
Iron	**10600**	**10.4**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AU**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.4		
Mercury	ND	0.052	mg/kg	SW846 7471A	03/13-03/17/08	KJCPJ1AK
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.019		
Potassium	**726 J**	**519**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1A0**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 8.0		
Magnesium	**24900**	**104**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AV**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.6		
Manganese	**334 J**	**1.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AW**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.096		
Sodium	**196**	**104**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1A1**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 85.7		
Nickel	**15.3 E**	**1.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1AX**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.35		
Lead	**6.1 J**	**0.31**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1A4**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.25		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-002

TOTAL Metals

Lot-Sample #...: A8C110158-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.16 B**	**0.21**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPJ1A5**
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.031		
Selenium	**0.71**	**0.22**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPJ1AA**
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.12		
Thallium	**0.39**	**0.10**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPJ1AD**
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.017		
Vanadium	**11.4**	**1.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJCPJ1A2**
		Dilution Factor: 1		Analysis Time..: 05:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.16		
Zinc	**42.9**	**1.0**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJCPJ1AE**
		Dilution Factor: 1		Analysis Time..: 15:15	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.57		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-003

TOTAL Metals

Lot-Sample #...: A8C110158-005 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**13.4**	**0.47**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPL1AH**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.031 B**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPL1AC**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**7820**	**18.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AL**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.3		
Arsenic	**2.7**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPL1A6**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.073		
Barium	**42.0 J**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AM**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.083		
Beryllium	**0.41**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AN**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.050		
Calcium	**77700 J**	**2350**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPL1AQ**
		Dilution Factor: 5		Analysis Time..: 15:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 93.9		
Cadmium	**0.14**	**0.094**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AP**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.042		
Cobalt	**7.9**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AR**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-003

TOTAL Metals

Lot-Sample #...: A8C110158-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.0**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1A3**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**14.2**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AT**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.87		
Iron	**13300**	**9.4**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AU**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Mercury	ND	0.047	mg/kg	SW846 7471A	03/12-03/17/08	KJCPL1AK
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**1830 J**	**469**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1A0**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.3		
Magnesium	**14400 J**	**93.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AV**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.0		
Manganese	**350**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AW**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.087		
Sodium	**588**	**93.9**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPL1A1**
		Dilution Factor: 1		Analysis Time..: 15:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 77.4		
Nickel	**20.9 E**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1AX**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.32		
Lead	**7.0**	**0.28**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1A4**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-003

TOTAL Metals

Lot-Sample #...: A8C110158-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.074 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPL1A5**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.55**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPL1AA**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.22**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPL1AD**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**17.7**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPL1A2**
		Dilution Factor: 1		Analysis Time..: 10:21	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**33.3**	**0.94**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPL1AE**
		Dilution Factor: 1		Analysis Time..: 15:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-004

TOTAL Metals

Lot-Sample #...: A8C110158-006 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:20 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**12.6**	**0.47**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPM1AH**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.021 B**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPM1AC**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**7220**	**93.3**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPM1AL**
		Dilution Factor: 5		Analysis Time..: 16:21	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 56.0		
Arsenic	**5.8**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPM1A6**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.072		
Barium	**214 J**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AM**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.083		
Beryllium	**0.43**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AN**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.050		
Calcium	**2060 J**	**466**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AQ**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 18.7		
Cadmium	**0.45**	**0.093**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AP**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.042		
Cobalt	**9.3**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AR**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-004

TOTAL Metals

Lot-Sample #...: A8C110158-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.9**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1A3**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**6.1**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AT**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.86		
Iron	**20500**	**9.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AU**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Mercury	**0.048**	**0.047**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCPM1AK**
		Dilution Factor: 1		Analysis Time..: 12:33	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**590 J**	**466**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1A0**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.2		
Magnesium	**1530 J**	**466**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPM1AV**
		Dilution Factor: 5		Analysis Time..: 16:21	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 29.7		
Manganese	**4110**	**4.7**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPM1AW**
		Dilution Factor: 5		Analysis Time..: 16:21	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.43		
Sodium	**248**	**93.3**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPM1A1**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 77.0		
Nickel	**14.1**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1AX**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**5.7**	**1.4**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPM1A4**
		Dilution Factor: 5		Analysis Time..: 16:21	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.1		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-004

TOTAL Metals

Lot-Sample #...: A8C110158-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.054 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPM1A5**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.76**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPM1AA**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.19**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPM1AD**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**24.2**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPM1A2**
		Dilution Factor: 1		Analysis Time..: 10:40	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**47.5**	**0.93**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPM1AE**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-005

TOTAL Metals

Lot-Sample #...: A8C110158-007 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:22 **Date Received..:** 03/11/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**11.6**	**0.45**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPN1AH**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8072030						
Silver	**0.026 B**	**0.089**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPN1AC**
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6380**	**17.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AL**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**1.2**	**0.089**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPN1A6**
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**27.6 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AM**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.30**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AN**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**54500 J**	**445**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AQ**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 17.8		
Cadmium	**0.12**	**0.089**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AP**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**4.6**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AR**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-005

TOTAL Metals

Lot-Sample #...: A8C110158-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**11.9**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1A3**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**9.0**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AT**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**9620**	**8.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AU**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/12-03/17/08	KJCPN1AK
		Dilution Factor: 1		Analysis Time..: 12:39	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1280 J**	**445**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1A0**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**19900 J**	**89.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AV**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**227**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AW**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**206**	**89.1**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPN1A1**
		Dilution Factor: 1		Analysis Time..: 16:26	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.5		
Nickel	**13.7**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1AX**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.0**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1A4**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-005

TOTAL Metals

Lot-Sample #...: A8C110158-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.030 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPN1A5**
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.47**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPN1AA**
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.19**	**0.089**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPN1AD**
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**14.4**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPN1A2**
		Dilution Factor: 1		Analysis Time..: 10:44	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**31.6**	**0.89**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPN1AE**
		Dilution Factor: 1		Analysis Time..: 15:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-006

TOTAL Metals

Lot-Sample #...: A8C110158-008 **Matrix.....:** SO
Date Sampled...: 03/07/08 10:50 **Date Received..:** 03/11/08
% Moisture.....: 8.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**7.4**	**0.44**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPP1AH**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8072030						
Silver	ND	0.087	mg/kg	SW846 6020	03/12-03/14/08	KJCPP1AC
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.017		
Aluminum	**2120**	**17.4**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AL**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.5		
Arsenic	**3.6**	**0.087**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPP1A6**
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.068		
Barium	**4.7 J**	**0.87**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AM**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.077		
Beryllium	**0.096 B**	**0.17**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AN**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**40400 J**	**436**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AQ**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 17.4		
Cadmium	**0.082 B**	**0.087**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AP**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.039		
Cobalt	**2.8**	**0.44**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AR**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.17		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-006

TOTAL Metals

Lot-Sample #...: A8C110158-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**7.6**	**0.44**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1A3**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**6.2**	**0.87**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AT**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.81		
Iron	**5580**	**8.7**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AU**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.3		
Mercury	ND	0.044	mg/kg	SW846 7471A	03/12-03/17/08	KJCPP1AK
		Dilution Factor: 1		Analysis Time..: 12:45	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Potassium	**281 B,J**	**436**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1A0**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.8		
Magnesium	**9700 J**	**87.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AV**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**184**	**0.87**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AW**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Sodium	ND	87.2	mg/kg	SW846 6010B	03/12-03/17/08	KJCPP1A1
		Dilution Factor: 1		Analysis Time..: 16:30	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 71.9		
Nickel	**7.5**	**0.87**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1AX**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.29		
Lead	**3.5**	**0.26**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1A4**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-006

TOTAL Metals

Lot-Sample #...: A8C110158-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.056 B**	**0.17**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPP1A5**
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.17 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPP1AA**
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.098		
Thallium	**0.077 B**	**0.087**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPP1AD**
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**8.7**	**0.87**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPP1A2**
		Dilution Factor: 1		Analysis Time..: 10:49	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**18.7**	**0.87**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPP1AE**
		Dilution Factor: 1		Analysis Time..: 16:02	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-007

TOTAL Metals

Lot-Sample #...: A8C110158-009 **Matrix.....:** SO
Date Sampled...: 03/07/08 10:52 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**13.7**	**0.46**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPQ1AH**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	ND	0.091	mg/kg	SW846 6020	03/12-03/14/08	KJCPQ1AC
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7830**	**18.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AL**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.0		
Arsenic	**3.5**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPQ1A6**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**42.3 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AM**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.38**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AN**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**66300 J**	**457**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AQ**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 18.3		
Cadmium	**0.21**	**0.091**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AP**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**5.0**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AR**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-007

TOTAL Metals

Lot-Sample #...: A8C110158-009 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.7**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1A3**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**14.5**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AT**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**14000**	**9.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AU**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	03/12-03/17/08	KJCPQ1AK
		Dilution Factor: 1		Analysis Time..: 12:40	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1800 J**	**457**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1A0**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**12500 J**	**91.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AV**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**288**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AW**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**1210**	**91.3**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPQ1A1**
		Dilution Factor: 1		Analysis Time..: 16:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 75.3		
Nickel	**17.5**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1AX**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**6.1**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1A4**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-007

TOTAL Metals

Lot-Sample #...: A8C110158-009 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.067 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPQ1A5**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.44**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPQ1AA**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.17**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPQ1AD**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**17.8**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPQ1A2**
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**35.9**	**0.91**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPQ1AE**
		Dilution Factor: 1		Analysis Time..: 16:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-008

TOTAL Metals

Lot-Sample #...: A8C110158-010 **Matrix.....:** SO
Date Sampled...: 03/07/08 11:15 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**8.4**	**0.47**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPR1AH**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.028 B**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPR1AC**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**4950**	**18.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AL**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.3		
Arsenic	**2.8**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPR1A6**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.073		
Barium	**44.3 J**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AM**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Beryllium	**0.26**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AN**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.051		
Calcium	**1400 J**	**471**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AQ**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 18.8		
Cadmium	**0.15**	**0.094**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AP**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.042		
Cobalt	**5.4**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AR**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-008

TOTAL Metals

Lot-Sample #...: A8C110158-010 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**8.7**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1A3**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.24		
Copper	**6.5**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AT**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.87		
Iron	**8700**	**9.4**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AU**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Mercury	**0.032 B**	**0.047**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCPR1AK**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**592 J**	**471**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1A0**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.3		
Magnesium	**1260 J**	**94.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AV**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.0		
Manganese	**517**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AW**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.087		
Sodium	**515**	**94.1**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPR1A1**
		Dilution Factor: 1		Analysis Time..: 16:39	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 77.6		
Nickel	**8.0**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1AX**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.32		
Lead	**18.2**	**0.28**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1A4**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-008

TOTAL Metals

Lot-Sample #...: A8C110158-010 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.057 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPR1A5**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.41**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPR1AA**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.072 B**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPR1AD**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**12.9**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPR1A2**
		Dilution Factor: 1		Analysis Time..: 11:11	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**28.6**	**0.94**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPR1AE**
		Dilution Factor: 1		Analysis Time..: 16:10	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-009

TOTAL Metals

Lot-Sample #...: A8C110158-011 **Matrix.....:** SO
Date Sampled...: 03/07/08 11:17 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**14.7**	**0.46**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPT1AH**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	ND	0.091	mg/kg	SW846 6020	03/12-03/14/08	KJCPT1AC
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**8930**	**18.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AL**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.9		
Arsenic	**4.5**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPT1A6**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**56.1 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AM**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.44**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AN**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**79000 J**	**2280**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPT1AQ**
		Dilution Factor: 5		Analysis Time..: 16:48	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 91.2		
Cadmium	**0.23**	**0.091**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AP**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**8.9**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AR**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-009

TOTAL Metals

Lot-Sample #...: A8C110158-011 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**15.3**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1A3**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**17.3**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AT**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**17200**	**9.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AU**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	**0.018 B**	**0.046**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCPT1AK**
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1840 J**	**456**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1A0**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**14500 J**	**91.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AV**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**467**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AW**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**861**	**91.2**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPT1A1**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 75.2		
Nickel	**25.1**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1AX**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**7.7**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1A4**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-009

TOTAL Metals

Lot-Sample #...: A8C110158-011 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.064 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPT1A5**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.47**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPT1AA**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.26**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPT1AD**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**19.7**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPT1A2**
		Dilution Factor: 1		Analysis Time..: 11:15	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**39.1**	**0.91**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPT1AE**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-010

TOTAL Metals

Lot-Sample #...: A8C110158-012 **Matrix.....:** SO
Date Sampled...: 03/07/08 13:00 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**5.9**	**0.47**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPV1AH**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	ND	0.093	mg/kg	SW846 6020	03/12-03/14/08	KJCPV1AC
		Dilution Factor: 1		Analysis Time..: 16:27		Analyst ID.....: 002260
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**2740**	**18.6**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AL**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 11.2		
Arsenic	**3.3**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPV1A6**
		Dilution Factor: 1		Analysis Time..: 16:27		Analyst ID.....: 002260
		Instrument ID..: I8		MDL.....: 0.072		
Barium	**12.2 J**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AM**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 0.083		
Beryllium	**0.17 B**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AN**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 0.050		
Calcium	**24700 J**	**466**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AQ**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 18.6		
Cadmium	**0.098**	**0.093**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AP**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 0.042		
Cobalt	**4.0**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AR**
		Dilution Factor: 1		Analysis Time..: 11:20		Analyst ID.....: 001637
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-010

TOTAL Metals

Lot-Sample #...: A8C110158-012 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**5.9**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1A3**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**14.1**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AT**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.86		
Iron	**8270**	**9.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AU**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Mercury	**0.019 B**	**0.047**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCPV1AK**
		Dilution Factor: 1		Analysis Time..: 12:37	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**501 J**	**466**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1A0**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.2		
Magnesium	**4710 J**	**93.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AV**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.9		
Manganese	**374**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AW**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.086		
Sodium	**186**	**93.2**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPV1A1**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 76.9		
Nickel	**9.8**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1AX**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**6.0**	**0.28**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1A4**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-010

TOTAL Metals

Lot-Sample #...: A8C110158-012 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.053 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPV1A5**
		Dilution Factor: 1		Analysis Time..: 16:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.41**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPV1AA**
		Dilution Factor: 1		Analysis Time..: 16:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.14**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPV1AD**
		Dilution Factor: 1		Analysis Time..: 16:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**8.9**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPV1A2**
		Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**30.1**	**0.93**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPV1AE**
		Dilution Factor: 1		Analysis Time..: 16:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-011

TOTAL Metals

Lot-Sample #...: A8C110158-013 **Matrix.....:** SO
Date Sampled...: 03/07/08 13:02 **Date Received..:** 03/11/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**11.3**	**0.45**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPW1AH**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	ND	0.089	mg/kg	SW846 6020	03/12-03/14/08	KJCPW1AC
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5060**	**17.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AL**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**5.6**	**0.089**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPW1A6**
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**26.1 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AM**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.27**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AN**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**55500 J**	**446**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AQ**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 17.9		
Cadmium	**0.20**	**0.089**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AP**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**5.0**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AR**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-011

TOTAL Metals

Lot-Sample #...: A8C110158-013 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**11.3**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1A3**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**11.5**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AT**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**11500**	**8.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AU**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/12-03/17/08	KJCPW1AK
		Dilution Factor: 1		Analysis Time..: 12:50	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1020 J**	**446**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1A0**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**17600 J**	**89.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AV**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**294**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AW**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	**195**	**89.3**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPW1A1**
		Dilution Factor: 1		Analysis Time..: 16:58	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.7		
Nickel	**13.8**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1AX**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**27.6**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1A4**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-011

TOTAL Metals

Lot-Sample #...: A8C110158-013 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.060 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPW1A5**
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.36**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPW1AA**
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.14**	**0.089**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPW1AD**
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**15.8**	**0.89**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPW1A2**
		Dilution Factor: 1		Analysis Time..: 11:24	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**27.3**	**0.89**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPW1AE**
		Dilution Factor: 1		Analysis Time..: 16:32	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-012

TOTAL Metals

Lot-Sample #...: A8C110158-014 **Matrix.....:** SO
Date Sampled...: 03/07/08 13:45 **Date Received..:** 03/11/08
% Moisture.....: 3.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**5.7**	**0.41**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCPX1AH**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Prep Batch #...: 8072030						
Silver	ND	0.083	mg/kg	SW846 6020	03/12-03/14/08	KJCPX1AC
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.017		
Aluminum	**2430**	**16.5**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AL**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 9.9		
Arsenic	**4.1**	**0.083**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPX1A6**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.064		
Barium	**12.6 J**	**0.83**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AM**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.073		
Beryllium	**0.14 B**	**0.17**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AN**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.044		
Calcium	**91300 J**	**2070**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPX1AQ**
		Dilution Factor: 5		Analysis Time..: 17:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 82.6		
Cadmium	**0.12**	**0.083**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AP**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.037		
Cobalt	**3.3**	**0.41**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AR**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.17		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-012

TOTAL Metals

Lot-Sample #...: A8C110158-014 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**5.7**	**0.41**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1A3**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		
Copper	**8.9**	**0.83**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AT**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.76		
Iron	**6240**	**8.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AU**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.1		
Mercury	ND	0.041	mg/kg	SW846 7471A	03/12-03/17/08	KJCPX1AK
		Dilution Factor: 1		Analysis Time..: 12:48	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.015		
Potassium	**364 B,J**	**413**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1A0**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.4		
Magnesium	**15200 J**	**82.6**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AV**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.3		
Manganese	**285**	**0.83**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AW**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.076		
Sodium	**224**	**82.6**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCPX1A1**
		Dilution Factor: 1		Analysis Time..: 17:15	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 68.2		
Nickel	**8.8**	**0.83**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1AX**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.28		
Lead	**4.5**	**0.25**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1A4**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.20		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-012

TOTAL Metals

Lot-Sample #...: A8C110158-014 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.069 B**	**0.17**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPX1A5**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.025		
Selenium	**0.21**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPX1AA**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.093		
Thallium	**0.11**	**0.083**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPX1AD**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.013		
Vanadium	**8.1**	**0.83**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCPX1A2**
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.12		
Zinc	**22.1**	**0.83**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCPX1AE**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.45		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-013

TOTAL Metals

Lot-Sample #...: A8C110158-015 **Matrix.....:** SO
Date Sampled...: 03/07/08 13:47 **Date Received..:** 03/11/08
% Moisture.....: 9.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**9.3**	**0.44**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCP01AH**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8072030						
Silver	**0.023 B**	**0.088**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP01AC**
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**4580**	**17.6**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AL**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.5		
Arsenic	**3.5**	**0.088**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP01A6**
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.068		
Barium	**22.7 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AM**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.078		
Beryllium	**0.22**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AN**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**57000 J**	**439**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AQ**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 17.6		
Cadmium	**0.17**	**0.088**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AP**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**5.2**	**0.44**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AR**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-013

TOTAL Metals

Lot-Sample #...: A8C110158-015 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**9.3**	**0.44**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01A3**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**9.5**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AT**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.81		
Iron	**9920**	**8.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AU**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	03/12-03/17/08	KJCP01AK
		Dilution Factor: 1		Analysis Time..: 12:41	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Potassium	**1000 J**	**439**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01A0**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.8		
Magnesium	**18500 J**	**87.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AV**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**231**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AW**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Sodium	**127**	**87.9**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCP01A1**
		Dilution Factor: 1		Analysis Time..: 17:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.5		
Nickel	**13.2**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01AX**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**4.3**	**0.26**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01A4**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-013

TOTAL Metals

Lot-Sample #...: A8C110158-015 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.063 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP01A5**
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.32**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP01AA**
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.099		
Thallium	**0.17**	**0.088**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP01AD**
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**16.7**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP01A2**
		Dilution Factor: 1		Analysis Time..: 11:33	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**25.0**	**0.88**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP01AE**
		Dilution Factor: 1		Analysis Time..: 16:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-014

TOTAL Metals

Lot-Sample #...: A8C110158-016 **Matrix.....:** SO
Date Sampled...: 03/07/08 14:35 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**14.2**	**0.46**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCP11AH**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.019 B**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP11AC**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7550**	**18.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AL**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.9		
Arsenic	**4.8**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP11A6**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**35.9 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AM**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.36**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AN**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**11400 J**	**456**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AQ**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 18.2		
Cadmium	**0.22**	**0.091**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AP**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**6.9**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AR**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-014

TOTAL Metals

Lot-Sample #...: A8C110158-016 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.7**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11A3**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**13.0**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AT**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**13500**	**9.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AU**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	**0.028 B**	**0.046**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCP11AK**
		Dilution Factor: 1		Analysis Time..: 12:53	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**841 J**	**456**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11A0**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**4310 J**	**91.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AV**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**413**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AW**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**178**	**91.2**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCP11A1**
		Dilution Factor: 1		Analysis Time..: 17:28	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 75.3		
Nickel	**15.8**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11AX**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**6.6**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11A4**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-014

TOTAL Metals

Lot-Sample #...: A8C110158-016 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.056 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP11A5**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.49**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP11AA**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.11**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP11AD**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**21.4**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP11A2**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**31.8**	**0.91**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP11AE**
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-015

TOTAL Metals

Lot-Sample #...: A8C110158-017 **Matrix.....:** SO
Date Sampled...: 03/07/08 14:37 **Date Received..:** 03/11/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**13.5**	**0.45**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCP21AH**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.019 B**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP21AC**
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7510**	**18.0**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AL**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.8		
Arsenic	**5.2**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP21A6**
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**44.5 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AM**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.080		
Beryllium	**0.40**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AN**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**100000 J**	**2260**	**mg/kg**	**SW846 6010B**	**03/12-03/18/08**	**KJCP21AQ**
		Dilution Factor: 5		Analysis Time..: 19:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 90.2		
Cadmium	**0.23**	**0.090**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AP**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**6.5**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AR**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-015

TOTAL Metals

Lot-Sample #...: A8C110158-017 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.5**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21A3**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**17.8**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AT**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**15300**	**9.0**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AU**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	**0.021 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCP21AK**
		Dilution Factor: 1		Analysis Time..: 12:46	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1480 J**	**451**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21A0**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**14900 J**	**90.2**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AV**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**396**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AW**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	ND	90.2	mg/kg	SW846 6010B	03/12-03/17/08	KJCP21A1
		Dilution Factor: 1		Analysis Time..: 17:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 74.4		
Nickel	**18.4**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21AX**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**7.3**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21A4**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-015

TOTAL Metals

Lot-Sample #...: A8C110158-017 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.067 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP21A5**
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.50**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP21AA**
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.22**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP21AD**
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**17.7**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP21A2**
		Dilution Factor: 1		Analysis Time..: 11:43	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**36.1**	**0.90**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP21AE**
		Dilution Factor: 1		Analysis Time..: 16:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-003

TOTAL Metals

Lot-Sample #...: A8C110158-018 **Matrix.....:** SO
Date Sampled...: 03/06/08 15:00 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**8.1**	**0.47**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCP31AH**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	ND	0.095	mg/kg	SW846 6020	03/12-03/14/08	KJCP31AC
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**4590**	**18.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AL**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.3		
Arsenic	**2.6**	**0.095**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP31A6**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.073		
Barium	**23.7 J**	**0.95**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AM**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Beryllium	**0.24**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AN**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.051		
Calcium	**1010 J**	**473**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AQ**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 18.9		
Cadmium	**0.064 B**	**0.095**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AP**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.043		
Cobalt	**2.7**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AR**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-003

TOTAL Metals

Lot-Sample #...: A8C110158-018 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**8.4**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31A3**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.24		
Copper	**6.6**	**0.95**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AT**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.87		
Iron	**8370**	**9.5**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AU**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Mercury	**0.018 B**	**0.047**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCP31AK**
		Dilution Factor: 1		Analysis Time..: 12:47	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**370 B,J**	**473**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31A0**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.3		
Magnesium	**1160 J**	**94.5**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AV**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.0		
Manganese	**55.7**	**0.95**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AW**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.087		
Sodium	**442**	**94.5**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCP31A1**
		Dilution Factor: 1		Analysis Time..: 17:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 78.0		
Nickel	**8.4**	**0.95**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31AX**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.32		
Lead	**4.0**	**0.28**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31A4**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-003

TOTAL Metals

Lot-Sample #...: A8C110158-018 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	0.19	mg/kg	SW846 6020	03/12-03/14/08	KJCP31A5
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.38**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP31AA**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.048 B**	**0.095**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP31AD**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**12.4**	**0.95**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP31A2**
		Dilution Factor: 1		Analysis Time..: 11:47	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**19.2**	**0.95**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP31AE**
		Dilution Factor: 1		Analysis Time..: 16:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-004

TOTAL Metals

Lot-Sample #...: A8C110158-019 **Matrix.....:** SO
Date Sampled...: 03/06/08 15:02 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**14.3**	**0.46**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCP41AH**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.026 B**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP41AC**
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7650**	**18.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AL**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.0		
Arsenic	**4.6**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP41A6**
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**54.9 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AM**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.42**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AN**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**95100 J**	**2280**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCP41AQ**
		Dilution Factor: 5		Analysis Time..: 17:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 91.3		
Cadmium	**0.25**	**0.091**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AP**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**13.3**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AR**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-004

TOTAL Metals

Lot-Sample #...: A8C110158-019 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.3**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41A3**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**18.0**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AT**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**16200**	**9.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AU**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	**0.020 B**	**0.046**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCP41AK**
		Dilution Factor: 1		Analysis Time..: 12:36	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1870 J**	**457**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41A0**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**14500 J**	**91.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AV**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**583**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AW**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**497**	**91.3**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCP41A1**
		Dilution Factor: 1		Analysis Time..: 17:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 75.3		
Nickel	**24.9**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41AX**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**8.5**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41A4**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-004

TOTAL Metals

Lot-Sample #...: A8C110158-019 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.066 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP41A5**
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.53**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP41AA**
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.23**	**0.091**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP41AD**
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**19.0**	**0.91**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCP41A2**
		Dilution Factor: 1		Analysis Time..: 11:52	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**36.5**	**0.91**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCP41AE**
		Dilution Factor: 1		Analysis Time..: 16:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

TOTAL Metals

Lot-Sample #...: A8C110158-025 **Matrix.....:** SO
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**12.9**	**0.47**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCQA1A9**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.035 B**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQA1A2**
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**7110**	**18.9**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AE**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.3		
Arsenic	**4.1**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQA1A0**
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.073		
Barium	**35.3 J**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AF**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Beryllium	**0.37**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AG**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.051		
Calcium	**81100 J**	**2360**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCQA1AJ**
		Dilution Factor: 5		Analysis Time..: 17:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 94.3		
Cadmium	**0.31**	**0.094**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AH**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.042		
Cobalt	**8.1**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AK**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

TOTAL Metals

Lot-Sample #...: A8C110158-025 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.9**	**0.47**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AV**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.24		
Copper	**21.0**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AL**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.87		
Iron	**18600**	**9.4**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AM**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Mercury	**0.020 B**	**0.047**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCQA1AD**
		Dilution Factor: 1		Analysis Time..: 12:35	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**1710 J**	**472**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AR**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.3		
Magnesium	**14200 J**	**94.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AN**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.0		
Manganese	**542**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AP**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.087		
Sodium	**99.4**	**94.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AT**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 77.8		
Nickel	**21.8**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AQ**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.32		
Lead	**8.2**	**0.28**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AW**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

TOTAL Metals

Lot-Sample #...: A8C110158-025 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.077 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQA1AX**
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.86**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQA1A1**
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.23**	**0.094**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQA1A3**
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**16.7**	**0.94**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQA1AU**
		Dilution Factor: 1		Analysis Time..: 12:09	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**41.7**	**0.94**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQA1A4**
		Dilution Factor: 1		Analysis Time..: 17:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.52		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

TOTAL Metals

Lot-Sample #...: A8C110158-026 **Matrix.....:** SO
Date Sampled...: 03/10/08 11:40 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**13.6**	**0.46**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCQD1AL**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.026 B**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQD1AD**
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**6040**	**18.6**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AQ**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 11.1		
Arsenic	**4.7**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQD1AA**
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.072		
Barium	**23.8 J**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AR**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.082		
Beryllium	**0.29**	**0.19**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AT**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.050		
Calcium	**64000 J**	**464**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AV**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 18.6		
Cadmium	**0.16**	**0.093**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AU**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.042		
Cobalt	**6.8**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AW**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

TOTAL Metals

Lot-Sample #...: A8C110158-026 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.6**	**0.46**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A7**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**16.9**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1AX**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.86		
Iron	**12400**	**9.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A0**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Mercury	ND	0.046	mg/kg	SW846 7471A	03/12-03/17/08	KJCQD1AP
		Dilution Factor: 1		Analysis Time..: 12:34	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1480 J**	**464**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A4**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.2		
Magnesium	**11500 J**	**92.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A1**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.9		
Manganese	**339**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A2**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.086		
Sodium	**134**	**92.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A5**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 76.6		
Nickel	**19.2**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A3**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**9.4**	**0.28**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A8**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

TOTAL Metals

Lot-Sample #...: A8C110158-026 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.074 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQD1A9**
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.72**	**0.20**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQD1AC**
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.21**	**0.093**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQD1AE**
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**14.4**	**0.93**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQD1A6**
		Dilution Factor: 1		Analysis Time..: 12:14	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**33.7**	**0.93**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQD1AF**
		Dilution Factor: 1		Analysis Time..: 17:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

TOTAL Metals

Lot-Sample #...: A8C110158-027 **Matrix.....:** SO
Date Sampled...: 03/10/08 12:35 **Date Received..:** 03/11/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**18.6**	**0.45**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCQF1AX**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.022 B**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQF1AP**
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**9680**	**18.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1A3**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.8		
Arsenic	**2.5**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQF1AM**
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**55.7 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1A4**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.080		
Beryllium	**0.44**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1A5**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**75800 J**	**2260**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCQF1A7**
		Dilution Factor: 5		Analysis Time..: 17:56	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 90.3		
Cadmium	**0.25**	**0.090**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1A6**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**7.1**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1A8**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

TOTAL Metals

Lot-Sample #...: A8C110158-027 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**18.6**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AJ**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**15.9**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1A9**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**14900**	**9.0**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AA**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	**0.025 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/12-03/17/08**	**KJCQF1A2**
		Dilution Factor: 1		Analysis Time..: 12:54	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**2390 J**	**451**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AF**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**15700 J**	**90.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AC**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**419**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AD**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**98.8**	**90.3**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AG**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 74.5		
Nickel	**22.2**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AE**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**7.4**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AK**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

TOTAL Metals

Lot-Sample #...: A8C110158-027 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.060 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQF1AL**
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.55**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQF1AN**
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.21**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQF1AQ**
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**20.2**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQF1AH**
		Dilution Factor: 1		Analysis Time..: 12:18	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**39.7**	**0.90**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQF1AR**
		Dilution Factor: 1		Analysis Time..: 17:19	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

TOTAL Metals

Lot-Sample #...: A8C110158-028 **Matrix.....:** SO
Date Sampled...: 03/10/08 14:10 **Date Received..:** 03/11/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**14.8**	**0.45**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCQG1A9**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8072030						
Silver	**0.019 B**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQG1A2**
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7900**	**18.0**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AE**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.8		
Arsenic	**4.4**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQG1A0**
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**56.4 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AF**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.080		
Beryllium	**0.39**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AG**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**88800 J**	**2240**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCQG1AJ**
		Dilution Factor: 5		Analysis Time..: 18:13	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 89.8		
Cadmium	**0.25**	**0.090**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AH**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**6.6**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AK**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

TOTAL Metals

Lot-Sample #...: A8C110158-028 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.8**	**0.45**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AV**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**15.9**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AL**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**16000**	**9.0**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AM**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/12-03/17/08	KJCQG1AD
		Dilution Factor: 1		Analysis Time..: 12:44	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1790 J**	**449**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AR**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**14400 J**	**89.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AN**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**351**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AP**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	**93.8**	**89.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AT**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 74.1		
Nickel	**19.5**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AQ**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.2**	**0.27**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AW**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

TOTAL Metals

Lot-Sample #...: A8C110158-028 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.071 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQG1AX**
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.52**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQG1A1**
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.24**	**0.090**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQG1A3**
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**20.4**	**0.90**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQG1AU**
		Dilution Factor: 1		Analysis Time..: 12:23	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**33.4**	**0.90**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQG1A4**
		Dilution Factor: 1		Analysis Time..: 17:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

TOTAL Metals

Lot-Sample #...: A8C110158-029 **Matrix.....:** SO
Date Sampled...: 03/10/08 15:20 **Date Received..:** 03/11/08
% Moisture.....: 9.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8072028						
Trivalent Chromium	**11.3**	**0.44**	**mg/kg**	**SW846 7196A**	**03/12-03/14/08**	**KJCQH1AL**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8072030						
Silver	**0.034 B**	**0.088**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQH1AD**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6250**	**17.6**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1AQ**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 10.6		
Arsenic	**4.7**	**0.088**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQH1AA**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.068		
Barium	**29.5 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1AR**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.078		
Beryllium	**0.33**	**0.18**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1AT**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**75800 J**	**2200**	**mg/kg**	**SW846 6010B**	**03/12-03/17/08**	**KJCQH1AV**
		Dilution Factor: 5		Analysis Time..: 18:17	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 88.1		
Cadmium	**0.26**	**0.088**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1AU**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**7.4**	**0.44**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1AW**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

TOTAL Metals

Lot-Sample #...: A8C110158-029 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**11.3**	**0.44**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A7**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**18.0**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1AX**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.81		
Iron	**13900**	**8.8**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A0**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	03/12-03/17/08	KJCQH1AP
		Dilution Factor: 1		Analysis Time..: 12:52	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1490 J**	**440**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A4**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 6.8		
Magnesium	**13700 J**	**88.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A1**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**394**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A2**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.081		
Sodium	**167**	**88.1**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A5**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 72.7		
Nickel	**19.2**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A3**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.9**	**0.26**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A8**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

TOTAL Metals

Lot-Sample #...: A8C110158-029 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.074 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQH1A9**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.65**	**0.19**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQH1AC**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.099		
Thallium	**0.23**	**0.088**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQH1AE**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**15.5**	**0.88**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJCQH1A6**
		Dilution Factor: 1		Analysis Time..: 12:27	Analyst ID.....: 001637	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**79.4**	**0.88**	**mg/kg**	**SW846 6020**	**03/12-03/14/08**	**KJCQH1AF**
		Dilution Factor: 1		Analysis Time..: 17:27	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

TOTAL Metals

Lot-Sample #...: A8C120185-001 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**6.5**	**0.45**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJEXT1A9**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8073029						
Silver	**0.024 B**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJEXT1A2**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**3190**	**18.2**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AE**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.9		
Arsenic	**6.0**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJEXT1A0**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**26.0 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AF**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.20**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AG**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**75200 J**	**2270**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AJ**
		Dilution Factor: 5		Analysis Time..: 08:42	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 90.9		
Cadmium	**0.30**	**0.091**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AH**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**4.4**	**0.45**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AK**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

TOTAL Metals

Lot-Sample #...: A8C120185-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**6.5**	**0.45**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AV**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**18.2**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AL**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**9560**	**9.1**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AM**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/13-03/17/08	KJEXT1AD
		Dilution Factor: 1		Analysis Time..: 11:23	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**819 J**	**454**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AR**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**10900**	**90.9**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AN**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**286 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AP**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**85.3 B**	**90.9**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AT**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 75.0		
Nickel	**11.5**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AQ**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**6.1 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AW**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

TOTAL Metals

Lot-Sample #...: A8C120185-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.063 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJEXT1AX**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.48**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJEXT1A1**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.19**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJEXT1A3**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**10.1**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJEXT1AU**
		Dilution Factor: 1		Analysis Time..: 04:13	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**34.7**	**0.91**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJEXT1A4**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

TOTAL Metals

Lot-Sample #...: A8C120185-002 **Matrix.....:** SO
Date Sampled...: 03/11/08 12:05 **Date Received..:** 03/12/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**12.6**	**0.45**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE0K1AL**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8073029						
Silver	**0.018 B**	**0.090**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0K1AD**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7650**	**17.9**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AQ**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.8		
Arsenic	**5.3**	**0.090**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0K1AA**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**48.5 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AR**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.080		
Beryllium	**0.40**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AT**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**75700 J**	**2240**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AV**
		Dilution Factor: 5		Analysis Time..: 08:56	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 89.7		
Cadmium	**0.28**	**0.090**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AU**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**9.1**	**0.45**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AW**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

TOTAL Metals

Lot-Sample #...: A8C120185-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.7**	**0.45**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A7**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**15.6**	**0.90**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1AX**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**15600**	**9.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A0**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	**0.023 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/13-03/17/08**	**KJE0K1AP**
		Dilution Factor: 1		Analysis Time..: 11:26	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1690 J**	**449**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A4**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**14100**	**89.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A1**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**495 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A2**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	**241**	**89.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A5**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 74.0		
Nickel	**21.3**	**0.90**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A3**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.8 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A8**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

TOTAL Metals

Lot-Sample #...: A8C120185-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.070 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0K1A9**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.50**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0K1AC**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.23**	**0.090**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0K1AE**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**17.9**	**0.90**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0K1A6**
		Dilution Factor: 1		Analysis Time..: 04:27	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**36.1**	**0.90**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0K1AF**
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

TOTAL Metals

Lot-Sample #...: A8C120185-003 **Matrix.....:** SO
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
% Moisture.....: 9.6

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**11.4**	**0.44**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE0P1AL**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	ND	0.089	mg/kg	SW846 6020	03/13-03/14/08	KJE0P1AD
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5250**	**17.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AQ**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.6		
Arsenic	**4.2**	**0.089**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0P1AA**
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**34.6 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AR**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.27**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AT**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**61600 J**	**443**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AV**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 002260	
		Instrument ID..: I5		MDL.....: 17.7		
Cadmium	**0.22**	**0.089**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AU**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**5.3**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AW**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

TOTAL Metals

Lot-Sample #...: A8C120185-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.4**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A7**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**10.6**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1AX**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**10900**	**8.9**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A0**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	ND	0.044	mg/kg	SW846 7471A	03/13-03/17/08	KJE0P1AP
		Dilution Factor: 1		Analysis Time..: 11:29	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1090 J**	**443**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A4**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**18500**	**88.5**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A1**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**278 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A2**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**834**	**88.5**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A5**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 73.0		
Nickel	**13.8**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A3**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**4.9 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A8**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

TOTAL Metals

Lot-Sample #...: A8C120185-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.044 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0P1A9**
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.35**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0P1AC**
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.13**	**0.089**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0P1AE**
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**14.3**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0P1A6**
		Dilution Factor: 1		Analysis Time..: 04:32	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**27.6**	**0.89**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0P1AF**
		Dilution Factor: 1		Analysis Time..: 14:18	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

TOTAL Metals

Lot-Sample #...: A8C120185-004 **Matrix.....:** SO
Date Sampled...: 03/11/08 13:40 **Date Received..:** 03/12/08
% Moisture.....: 9.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**10.1**	**0.44**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE0T1AL**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	ND	0.088	mg/kg	SW846 6020	03/13-03/14/08	KJE0T1AD
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5290**	**17.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AQ**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.6		
Arsenic	**4.1**	**0.088**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0T1AA**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.068		
Barium	**31.5 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AR**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.078		
Beryllium	**0.27**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AT**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**57200 J**	**442**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AV**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 17.7		
Cadmium	**0.21**	**0.088**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AU**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**6.2**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AW**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

TOTAL Metals

Lot-Sample #...: A8C120185-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**10.4**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A7**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**11.1**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1AX**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**10800**	**8.8**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A0**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	**0.017 B**	**0.044**	**mg/kg**	**SW846 7471A**	**03/13-03/17/08**	**KJE0T1AP**
		Dilution Factor: 1		Analysis Time..: 11:28	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1110 J**	**442**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A4**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.8		
Magnesium	**15300**	**88.3**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A1**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**302 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A2**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**874**	**88.3**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A5**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 72.9		
Nickel	**13.7**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A3**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**5.2 J**	**0.26**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A8**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

TOTAL Metals

Lot-Sample #...: A8C120185-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.041 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0T1A9**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.30**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0T1AC**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.099		
Thallium	**0.14**	**0.088**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0T1AE**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**14.2**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE0T1A6**
		Dilution Factor: 1		Analysis Time..: 04:50	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**26.7**	**0.88**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE0T1AF**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

TOTAL Metals

Lot-Sample #...: A8C120185-005 **Matrix.....:** SO
Date Sampled...: 03/11/08 14:15 **Date Received..:** 03/12/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**11.7**	**0.46**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE011AL**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8073029						
Silver	ND	0.091	mg/kg	SW846 6020	03/13-03/14/08	KJE011AD
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6790**	**18.3**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AQ**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 11.0		
Arsenic	**7.4**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE011AA**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**43.6 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AR**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.36**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AT**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**63300 J**	**456**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AV**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 18.3		
Cadmium	**0.23**	**0.091**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AU**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**6.8**	**0.46**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AW**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

TOTAL Metals

Lot-Sample #...: A8C120185-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.8**	**0.46**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A7**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**13.8**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011AX**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**13700**	**9.1**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A0**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Mercury	**0.019 B**	**0.046**	**mg/kg**	**SW846 7471A**	**03/13-03/17/08**	**KJE011AP**
		Dilution Factor: 1		Analysis Time..: 11:31	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1250 J**	**456**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A4**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**14300**	**91.3**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A1**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**308 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A2**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**256**	**91.3**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A5**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 75.3		
Nickel	**16.3**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A3**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**5.5 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A8**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

TOTAL Metals

Lot-Sample #...: A8C120185-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.049 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE011A9**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.37**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE011AC**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.12**	**0.091**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE011AE**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**17.6**	**0.91**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE011A6**
		Dilution Factor: 1		Analysis Time..: 04:55	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**28.6**	**0.91**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE011AF**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

TOTAL Metals

Lot-Sample #...: A8C120185-006 **Matrix.....:** SO
Date Sampled...: 03/11/08 15:00 **Date Received..:** 03/12/08
% Moisture.....: 8.0

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**4.7**	**0.43**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE021AL**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	**0.019 B**	**0.087**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE021AD**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.017		
Aluminum	**2930**	**17.4**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AQ**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.4		
Arsenic	**5.1**	**0.087**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE021AA**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.067		
Barium	**17.1 J**	**0.87**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AR**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.077		
Beryllium	**0.21**	**0.17**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AT**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**45600 J**	**435**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AV**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 17.4		
Cadmium	**0.30**	**0.087**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AU**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.039		
Cobalt	**4.3**	**0.43**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AW**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.17		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

TOTAL Metals

Lot-Sample #...: A8C120185-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**6.5**	**0.43**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A7**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**9.6**	**0.87**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021AX**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.80		
Iron	**7900**	**8.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A0**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.3		
Mercury	ND	0.043	mg/kg	SW846 7471A	03/13-03/17/08	KJE021AP
		Dilution Factor: 1		Analysis Time..: 11:40	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Potassium	**639 J**	**435**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A4**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.7		
Magnesium	**11800**	**87.0**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A1**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.5		
Manganese	**250 J**	**0.87**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A2**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.080		
Sodium	ND	87.0	mg/kg	SW846 6010B	03/13-03/14/08	KJE021A5
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 71.8		
Nickel	**11.2**	**0.87**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A3**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.29		
Lead	**5.9 J**	**0.26**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A8**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

TOTAL Metals

Lot-Sample #...: A8C120185-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.098 B**	**0.17**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE021A9**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.31**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE021AC**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.098		
Thallium	**0.22**	**0.087**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE021AE**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**9.9**	**0.87**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE021A6**
		Dilution Factor: 1		Analysis Time..: 04:59	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**40.9**	**0.87**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE021AF**
		Dilution Factor: 1		Analysis Time..: 14:49	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

TOTAL Metals

Lot-Sample #...: A8C120185-007 **Matrix.....:** SO
Date Sampled...: 03/11/08 15:05 **Date Received..:** 03/12/08
% Moisture.....: 8.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**5.0**	**0.44**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE031AL**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	ND	0.088	mg/kg	SW846 6020	03/13-03/14/08	KJE031AD
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**3450**	**17.5**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AQ**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.5		
Arsenic	**6.4**	**0.088**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE031AA**
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.068		
Barium	**17.4 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AR**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.078		
Beryllium	**0.22**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AT**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.047		
Calcium	**37500 J**	**439**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AV**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 17.5		
Cadmium	**0.36**	**0.088**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AU**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.039		
Cobalt	**4.8**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AW**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

TOTAL Metals

Lot-Sample #...: A8C120185-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**7.1**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A7**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**12.7**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031AX**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.81		
Iron	**9870**	**8.8**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A0**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	**0.017 B**	**0.044**	**mg/kg**	**SW846 7471A**	**03/13-03/17/08**	**KJE031AP**
		Dilution Factor: 1		Analysis Time..: 11:38	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Potassium	**683 J**	**439**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A4**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.8		
Magnesium	**11400**	**87.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A1**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**228 J**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A2**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.081		
Sodium	ND	87.7	mg/kg	SW846 6010B	03/13-03/14/08	KJE031A5
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 72.4		
Nickel	**13.3**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A3**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.7 J**	**0.26**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A8**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

TOTAL Metals

Lot-Sample #...: A8C120185-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.081 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE031A9**
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.33**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE031AC**
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.099		
Thallium	**0.22**	**0.088**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE031AE**
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**10.8**	**0.88**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE031A6**
		Dilution Factor: 1		Analysis Time..: 05:04	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**90.6**	**0.88**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE031AF**
		Dilution Factor: 1		Analysis Time..: 14:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.48		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

TOTAL Metals

Lot-Sample #...: A8C120185-008 **Matrix.....:** SO
Date Sampled...: 03/11/08 16:05 **Date Received..:** 03/12/08
% Moisture.....: 9.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8073028						
Trivalent Chromium	**13.2**	**0.44**	**mg/kg**	**SW846 7196A**	**03/13-03/14/08**	**KJE041AL**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8073029						
Silver	ND	0.089	mg/kg	SW846 6020	03/13-03/14/08	KJE041AD
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6920**	**17.7**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AQ**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 10.6		
Arsenic	**5.0**	**0.089**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE041AA**
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**39.3 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AR**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.33**	**0.18**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AT**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**75600 J**	**2210**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AV**
		Dilution Factor: 5		Analysis Time..: 09:00	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 88.6		
Cadmium	**0.28**	**0.089**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AU**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**7.4**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AW**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

TOTAL Metals

Lot-Sample #...: A8C120185-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.7**	**0.44**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A7**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**13.7**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041AX**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**13500**	**8.9**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A0**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	**0.021 B**	**0.044**	**mg/kg**	**SW846 7471A**	**03/13-03/17/08**	**KJE041AP**
		Dilution Factor: 1		Analysis Time..: 11:37	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1320 J**	**443**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A4**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**19600**	**88.6**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A1**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 5.6		
Manganese	**349 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A2**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**627**	**88.6**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A5**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 73.1		
Nickel	**18.0**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A3**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.1 J**	**0.27**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A8**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

TOTAL Metals

Lot-Sample #...: A8C120185-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.057 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE041A9**
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.39**	**0.19**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE041AC**
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.18**	**0.089**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE041AE**
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**18.4**	**0.89**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJE041A6**
		Dilution Factor: 1		Analysis Time..: 05:09	Analyst ID.....: 001887	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**33.4**	**0.89**	**mg/kg**	**SW846 6020**	**03/13-03/14/08**	**KJE041AF**
		Dilution Factor: 1		Analysis Time..: 14:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

TOTAL Metals

Lot-Sample #...: A8C130160-001 **Matrix.....:** SO
Date Sampled...: 03/12/08 08:25 **Date Received..:** 03/13/08
% Moisture.....: 18

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**18.4**	**0.48**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG3J1A9**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.16		
Prep Batch #...: 8074028						
Silver	**0.040 B**	**0.097**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3J1A2**
		Dilution Factor: 1		Analysis Time..: 17:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**10400**	**19.4**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AE**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 11.6		
Arsenic	**5.2**	**0.097**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3J1A0**
		Dilution Factor: 1		Analysis Time..: 17:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.075		
Barium	**83.9 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AF**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.086		
Beryllium	**1.1 J**	**0.19**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AG**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.052		
Calcium	**2240**	**485**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AJ**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 19.4		
Cadmium	**0.17 J**	**0.097**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AH**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.044		
Cobalt	**7.2 J**	**0.48**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AK**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

TOTAL Metals

Lot-Sample #...: A8C130160-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**18.4 J**	**0.48**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AV**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.24		
Copper	**13.4**	**0.97**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AL**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.90		
Iron	**29300**	**9.7**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3J1AM**
		Dilution Factor: 1		Analysis Time..: 02:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.9		
Mercury	**0.037 B**	**0.048**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG3J1AD**
		Dilution Factor: 1		Analysis Time..: 13:37	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**861 J**	**485**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AR**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 7.5		
Magnesium	**2210 J**	**97.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AN**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 6.2		
Manganese	**230 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AP**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.090		
Sodium	**1850**	**97.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AT**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 80.0		
Nickel	**15.4 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AQ**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.33		
Lead	**9.9**	**0.29**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AW**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.23		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

TOTAL Metals

Lot-Sample #...: A8C130160-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.14 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3J1AX**
		Dilution Factor: 1		Analysis Time..: 17:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.029		
Selenium	**0.90**	**0.21**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3J1A1**
		Dilution Factor: 1		Analysis Time..: 17:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.11**	**0.097**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3J1A3**
		Dilution Factor: 1		Analysis Time..: 17:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.016		
Vanadium	**44.6 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3J1AU**
		Dilution Factor: 1		Analysis Time..: 18:32	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.15		
Zinc	**43.1**	**0.97**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3J1A4**
		Dilution Factor: 1		Analysis Time..: 17:53	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.53		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

TOTAL Metals

Lot-Sample #...: A8C130160-002 **Matrix.....:** SO
Date Sampled...: 03/12/08 08:50 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**12.0**	**0.45**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG3N1AL**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8074028						
Silver	ND	0.090	mg/kg	SW846 6020	03/14/08	KJG3N1AD
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7610**	**18.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1AQ**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.8		
Arsenic	**4.8**	**0.090**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3N1AA**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**47.3 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1AR**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.080		
Beryllium	**0.51 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1AT**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**83700**	**2250**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3N1AV**
		Dilution Factor: 5		Analysis Time..: 02:53	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 90.0		
Cadmium	**0.19 J**	**0.090**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1AU**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**7.8 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1AW**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

TOTAL Metals

Lot-Sample #...: A8C130160-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**13.0 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A7**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**17.5**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1AX**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**16100**	**45.0**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3N1A0**
		Dilution Factor: 5		Analysis Time..: 02:53	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 27.6		
Mercury	**0.022 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG3N1AP**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1540 J**	**450**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A4**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**14100 J**	**90.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A1**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**421 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A2**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	ND	90.0	mg/kg	SW846 6010B	03/14-03/17/08	KJG3N1A5
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 74.2		
Nickel	**20.8 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A3**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.6**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A8**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

TOTAL Metals

Lot-Sample #...: A8C130160-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.092 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3N1A9**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.49**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3N1AC**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.25**	**0.090**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3N1AE**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**17.4 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3N1A6**
		Dilution Factor: 1		Analysis Time..: 18:37	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**37.4**	**0.90**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3N1AF**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

TOTAL Metals

Lot-Sample #...: A8C130160-003 **Matrix.....:** SO
Date Sampled...: 03/12/08 09:00 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**12.3**	**0.45**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG3T1AL**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8074028						
Silver	ND	0.089	mg/kg	SW846 6020	03/14/08	KJG3T1AD
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6990**	**17.9**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1AQ**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**4.7**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3T1AA**
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**45.8 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1AR**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.48 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1AT**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**74200**	**2230**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3T1AV**
		Dilution Factor: 5		Analysis Time..: 02:58	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 89.3		
Cadmium	**0.20 J**	**0.089**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1AU**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**7.0 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1AW**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

TOTAL Metals

Lot-Sample #...: A8C130160-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.3 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A7**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**17.2**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1AX**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**14500**	**44.7**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3T1A0**
		Dilution Factor: 5		Analysis Time..: 02:58	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 27.4		
Mercury	**0.022 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG3T1AP**
		Dilution Factor: 1		Analysis Time..: 13:51	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1460 J**	**447**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A4**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**12600 J**	**89.3**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A1**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**391 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A2**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	**78.7 B**	**89.3**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A5**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.7		
Nickel	**19.7 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A3**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.5**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A8**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

TOTAL Metals

Lot-Sample #...: A8C130160-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.080 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3T1A9**
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.43**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3T1AC**
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.22**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3T1AE**
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**16.0 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3T1A6**
		Dilution Factor: 1		Analysis Time..: 18:42	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**35.6**	**0.89**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3T1AF**
		Dilution Factor: 1		Analysis Time..: 18:01	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

TOTAL Metals

Lot-Sample #...: A8C130160-004 **Matrix.....:** SO
Date Sampled...: 03/12/08 12:40 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**13.6**	**0.45**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG3V1AL**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8074028						
Silver	ND	0.089	mg/kg	SW846 6020	03/14/08	KJG3V1AD
		Dilution Factor: 1		Analysis Time..: 18:05	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**7110**	**17.9**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AQ**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**4.8**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3V1AA**
		Dilution Factor: 1		Analysis Time..: 18:05	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**34.7 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AR**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.40 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AT**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**568**	**447**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AV**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 17.9		
Cadmium	**0.11 J**	**0.089**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AU**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**6.8 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AW**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

TOTAL Metals

Lot-Sample #...: A8C130160-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.1 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A7**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**13.2**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1AX**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**12600**	**8.9**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3V1A0**
		Dilution Factor: 1		Analysis Time..: 03:02	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	**0.038 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG3V1AP**
		Dilution Factor: 1		Analysis Time..: 13:45	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**818 J**	**447**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A4**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**1940 J**	**89.4**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A1**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**293 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A2**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	**428**	**89.4**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A5**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.8		
Nickel	**13.9 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A3**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**7.7**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A8**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

TOTAL Metals

Lot-Sample #...: A8C130160-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.069 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3V1A9**
		Dilution Factor: 1		Analysis Time..: 18:05	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.45**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3V1AC**
		Dilution Factor: 1		Analysis Time..: 18:05	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.11**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3V1AE**
		Dilution Factor: 1		Analysis Time..: 18:05	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**18.7 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3V1A6**
		Dilution Factor: 1		Analysis Time..: 18:46	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**25.1**	**0.89**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3V1AF**
		Dilution Factor: 1		Analysis Time..: 18:05	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

TOTAL Metals

Lot-Sample #...: A8C130160-005 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**10.2**	**0.45**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG3W1A7**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8074028						
Silver	ND	0.090	mg/kg	SW846 6020	03/14/08	KJG3W1AH
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6190**	**18.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1CJ**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.8		
Arsenic	**3.8**	**0.090**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3W1AA**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**38.7 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1CM**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.080		
Beryllium	**0.44 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1CQ**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**63200**	**451**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1CX**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 18.0		
Cadmium	**0.17 J**	**0.090**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1CU**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**6.0 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1C2**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

TOTAL Metals

Lot-Sample #...: A8C130160-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**10.2 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DX**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**17.5**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1C5**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.83		
Iron	**12400**	**9.0**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG3W1C8**
		Dilution Factor: 1		Analysis Time..: 03:07	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.5		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/14-03/17/08	KJG3W1CF
		Dilution Factor: 1		Analysis Time..: 13:30	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1210 J**	**451**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DM**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 7.0		
Magnesium	**9690 J**	**90.2**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DC**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**331 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DF**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.083		
Sodium	**106**	**90.2**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DQ**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 74.4		
Nickel	**15.8 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DJ**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**6.4**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1D2**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

TOTAL Metals

Lot-Sample #...: A8C130160-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.072 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3W1D5**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.43**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3W1AE**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.16**	**0.090**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3W1AL**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**14.7 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG3W1DU**
		Dilution Factor: 1		Analysis Time..: 18:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**33.8**	**0.90**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG3W1AP**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

TOTAL Metals

Lot-Sample #...: A8C130160-006 **Matrix.....:** SO
Date Sampled...: 03/12/08 14:50 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**9.7**	**0.45**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG301AL**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8074028						
Silver	**0.026 B**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG301AD**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5720**	**17.8**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301AQ**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**3.3**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG301AA**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**28.2 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301AR**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.41 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301AT**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**77200**	**2230**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG301AV**
		Dilution Factor: 5		Analysis Time..: 03:21	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 89.0		
Cadmium	**0.15 J**	**0.089**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301AU**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**6.2 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301AW**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

TOTAL Metals

Lot-Sample #...: A8C130160-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**9.7 J**	**0.45**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A7**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**15.5**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301AX**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**11800**	**44.5**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG301A0**
		Dilution Factor: 5		Analysis Time..: 03:21	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 27.3		
Mercury	**0.018 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG301AP**
		Dilution Factor: 1		Analysis Time..: 13:47	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1280 J**	**445**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A4**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**15300 J**	**89.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A1**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**356 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A2**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**86.6 B**	**89.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A5**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.5		
Nickel	**16.3 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A3**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**5.6**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A8**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

TOTAL Metals

Lot-Sample #...: A8C130160-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.070 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG301A9**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.43**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG301AC**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.24**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG301AE**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**13.8 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG301A6**
		Dilution Factor: 1		Analysis Time..: 19:18	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**31.9**	**0.89**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG301AF**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

TOTAL Metals

Lot-Sample #...: A8C130160-007 **Matrix.....:** SO
Date Sampled...: 03/12/08 16:25 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**9.7**	**0.44**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG331AL**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8074028						
Silver	ND	0.089	mg/kg	SW846 6020	03/14/08	KJG331AD
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5490**	**17.8**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AQ**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**4.6**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG331AA**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**38.1 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AR**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.40 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AT**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**57400**	**444**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AV**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 17.8		
Cadmium	**0.30 J**	**0.089**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AU**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**5.3 J**	**0.44**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AW**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

TOTAL Metals

Lot-Sample #...: A8C130160-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**9.7 J**	**0.44**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A7**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**12.6**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331AX**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**11000**	**8.9**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG331A0**
		Dilution Factor: 1		Analysis Time..: 03:26	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.4		
Mercury	**0.020 B**	**0.044**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG331AP**
		Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1140 J**	**444**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A4**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**15400 J**	**88.9**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A1**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**338 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A2**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	ND	88.9	mg/kg	SW846 6010B	03/14-03/17/08	KJG331A5
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.3		
Nickel	**14.4 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A3**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**4.2**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A8**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

TOTAL Metals

Lot-Sample #...: A8C130160-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.064 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG331A9**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.34**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG331AC**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.16**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG331AE**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**14.0 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG331A6**
		Dilution Factor: 1		Analysis Time..: 19:22	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**35.4**	**0.89**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG331AF**
		Dilution Factor: 1		Analysis Time..: 18:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

TOTAL Metals

Lot-Sample #...: A8C130160-008 **Matrix.....:** SO
Date Sampled...: 03/12/08 16:30 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**10.7**	**0.44**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG341AL**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.14		
Prep Batch #...: 8074028						
Silver	ND	0.089	mg/kg	SW846 6020	03/14/08	KJG341AD
		Dilution Factor: 1		Analysis Time..: 18:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**5930**	**17.8**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341AQ**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 10.7		
Arsenic	**5.0**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG341AA**
		Dilution Factor: 1		Analysis Time..: 18:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**38.4 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341AR**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.079		
Beryllium	**0.43 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341AT**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.048		
Calcium	**73100**	**2220**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG341AV**
		Dilution Factor: 5		Analysis Time..: 03:30	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 88.9		
Cadmium	**0.33 J**	**0.089**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341AU**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.040		
Cobalt	**6.4 J**	**0.44**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341AW**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

TOTAL Metals

Lot-Sample #...: A8C130160-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**10.7 J**	**0.44**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A7**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		
Copper	**14.3**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341AX**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.82		
Iron	**12700**	**44.5**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG341A0**
		Dilution Factor: 5		Analysis Time..: 03:30	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 27.2		
Mercury	**0.063**	**0.044**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG341AP**
		Dilution Factor: 1		Analysis Time..: 13:52	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1220 J**	**445**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A4**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 6.9		
Magnesium	**19400 J**	**88.9**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A1**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.7		
Manganese	**290 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A2**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.082		
Sodium	**108**	**88.9**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A5**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 73.4		
Nickel	**14.8 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A3**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.30		
Lead	**5.1**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A8**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

TOTAL Metals

Lot-Sample #...: A8C130160-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.067 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG341A9**
		Dilution Factor: 1		Analysis Time..: 18:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.36**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG341AC**
		Dilution Factor: 1		Analysis Time..: 18:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.17**	**0.089**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG341AE**
		Dilution Factor: 1		Analysis Time..: 18:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**15.7 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG341A6**
		Dilution Factor: 1		Analysis Time..: 19:27	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.13		
Zinc	**37.4**	**0.89**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG341AF**
		Dilution Factor: 1		Analysis Time..: 18:40	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

TOTAL Metals

Lot-Sample #...: A8C130160-009 **Matrix.....:** SO
Date Sampled...: 03/12/08 17:00 **Date Received..:** 03/13/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8074027						
Trivalent Chromium	**9.1**	**0.46**	**mg/kg**	**SW846 7196A**	**03/14-03/17/08**	**KJG361AL**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.15		
Prep Batch #...: 8074028						
Silver	**0.037 B**	**0.091**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG361AD**
		Dilution Factor: 1		Analysis Time..: 18:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**4840**	**18.3**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361AQ**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 11.0		
Arsenic	**0.97**	**0.091**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG361AA**
		Dilution Factor: 1		Analysis Time..: 18:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.071		
Barium	**38.2 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361AR**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.081		
Beryllium	**0.32 J**	**0.18**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361AT**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.049		
Calcium	**95400**	**2280**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG361AV**
		Dilution Factor: 5		Analysis Time..: 03:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 91.3		
Cadmium	**0.14 J**	**0.091**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361AU**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.041		
Cobalt	**2.2 J**	**0.46**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361AW**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

TOTAL Metals

Lot-Sample #...: A8C130160-009 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**9.4 J**	**0.46**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A7**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.23		
Copper	**6.8**	**0.91**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361AX**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.84		
Iron	**5980**	**45.7**	**mg/kg**	**SW846 6010B**	**03/14-03/18/08**	**KJG361A0**
		Dilution Factor: 5		Analysis Time..: 03:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 28.0		
Mercury	**0.021 B**	**0.046**	**mg/kg**	**SW846 7471A**	**03/14-03/17/08**	**KJG361AP**
		Dilution Factor: 1		Analysis Time..: 13:57	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**668 J**	**457**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A4**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 7.1		
Magnesium	**17300 J**	**91.3**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A1**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.8		
Manganese	**150 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A2**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.084		
Sodium	**105**	**91.3**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A5**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 75.4		
Nickel	**8.0 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A3**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.31		
Lead	**3.9**	**0.27**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A8**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

TOTAL Metals

Lot-Sample #...: A8C130160-009 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	0.18	mg/kg	SW846 6020	03/14/08	KJG361A9
		Dilution Factor: 1		Analysis Time..: 18:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.30**	**0.19**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG361AC**
		Dilution Factor: 1		Analysis Time..: 18:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.12**	**0.091**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG361AE**
		Dilution Factor: 1		Analysis Time..: 18:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**8.2 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJG361A6**
		Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.14		
Zinc	**21.4**	**0.91**	**mg/kg**	**SW846 6020**	**03/14/08**	**KJG361AF**
		Dilution Factor: 1		Analysis Time..: 18:44	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

TOTAL Metals

Lot-Sample #...: A8C140235-001 **Matrix.....:** SO
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**13.3**	**0.46**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJLXF1A9**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 8077030						
Silver	**0.027 B**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXF1A2**
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**8950**	**18.5**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AE**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 11.1		
Arsenic	**4.1**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXF1A0**
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.072		
Barium	**64.4 J**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AF**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.082		
Beryllium	**0.26**	**0.19**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AG**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.050		
Calcium	**44900**	**463**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AJ**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 18.5		
Cadmium	**0.053 B**	**0.093**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AH**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.042		
Cobalt	**4.6**	**0.46**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AK**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

TOTAL Metals

Lot-Sample #...: A8C140235-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**14.3**	**0.46**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AV**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**13.4**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AL**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.86		
Iron	**12800**	**9.3**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AM**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.7		
Mercury	**0.031 B**	**0.046**	**mg/kg**	**SW846 7471A**	**03/17/08**	**KJLXF1AD**
		Dilution Factor: 1		Analysis Time..: 16:24	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**755**	**463**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AR**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.2		
Magnesium	**18600**	**92.6**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AN**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.9		
Manganese	**218**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AP**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.086		
Sodium	**120**	**92.6**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AT**
		Dilution Factor: 1		Analysis Time..: 14:45	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 76.4		
Nickel	**13.3**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AQ**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.31		
Lead	**7.4**	**0.28**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AW**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

TOTAL Metals

Lot-Sample #...: A8C140235-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.034 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXF1AX**
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.37**	**0.20**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXF1A1**
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.095**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXF1A3**
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**21.5**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXF1AU**
		Dilution Factor: 1		Analysis Time..: 01:50	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**30.3**	**0.93**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXF1A4**
		Dilution Factor: 1		Analysis Time..: 09:20	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

TOTAL Metals

Lot-Sample #...: A8C140235-002 **Matrix.....:** SO
Date Sampled...: 03/13/08 11:15 **Date Received..:** 03/14/08
% Moisture.....: 10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**10.7**	**0.45**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJLXP1AL**
		Dilution Factor: 1		Analysis Time..: 01:55		Analyst ID.....: 001887
		Instrument ID..: I6		MDL.....: 0.14		
Prep Batch #...: 8077030						
Silver	ND	0.089	mg/kg	SW846 6020	03/17-03/18/08	KJLXP1AD
		Dilution Factor: 1		Analysis Time..: 09:24		Analyst ID.....: 002260
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6220**	**17.8**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AQ**
		Dilution Factor: 1		Analysis Time..: 01:55		Analyst ID.....: 001887
		Instrument ID..: I6		MDL.....: 10.7		
Arsenic	**4.4**	**0.089**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXP1AA**
		Dilution Factor: 1		Analysis Time..: 09:24		Analyst ID.....: 002260
		Instrument ID..: I8		MDL.....: 0.069		
Barium	**41.1 J**	**0.89**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AR**
		Dilution Factor: 1		Analysis Time..: 01:55		Analyst ID.....: 001887
		Instrument ID..: I6		MDL.....: 0.079		
Beryllium	**0.11 B**	**0.18**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AT**
		Dilution Factor: 1		Analysis Time..: 01:55		Analyst ID.....: 001887
		Instrument ID..: I6		MDL.....: 0.048		
Calcium	**71700**	**2230**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AV**
		Dilution Factor: 5		Analysis Time..: 11:08		Analyst ID.....: 001637
		Instrument ID..: I6		MDL.....: 89.0		
Cadmium	**0.12**	**0.089**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AU**
		Dilution Factor: 1		Analysis Time..: 01:55		Analyst ID.....: 001887
		Instrument ID..: I6		MDL.....: 0.040		
Cobalt	**6.2**	**0.45**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AW**
		Dilution Factor: 1		Analysis Time..: 01:55		Analyst ID.....: 001887
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

TOTAL Metals

Lot-Sample #...: A8C140235-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**11.3**	**0.45**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A7**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.22		
Copper	**12.7**	**0.89**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1AX**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.82		
Iron	**12500**	**8.9**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A0**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.5		
Mercury	ND	0.045	mg/kg	SW846 7471A	03/17/08	KJLXP1AP
		Dilution Factor: 1		Analysis Time..: 16:31	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1210**	**445**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A4**
		Dilution Factor: 1		Analysis Time..: 14:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 6.9		
Magnesium	**14500**	**89.0**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A1**
		Dilution Factor: 1		Analysis Time..: 14:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.7		
Manganese	**277**	**0.89**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A2**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.082		
Sodium	**77.0 B**	**89.0**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A5**
		Dilution Factor: 1		Analysis Time..: 14:51	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 73.5		
Nickel	**15.3**	**0.89**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A3**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.30		
Lead	**5.5**	**0.27**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A8**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

TOTAL Metals

Lot-Sample #...: A8C140235-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	0.18	mg/kg	SW846 6020	03/17-03/18/08	KJLXP1A9
		Dilution Factor: 1		Analysis Time..: 09:24	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.32**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXP1AC**
		Dilution Factor: 1		Analysis Time..: 09:24	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.15**	**0.089**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXP1AE**
		Dilution Factor: 1		Analysis Time..: 09:24	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**14.8**	**0.89**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLXP1A6**
		Dilution Factor: 1		Analysis Time..: 01:55	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**31.2**	**0.89**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLXP1AF**
		Dilution Factor: 1		Analysis Time..: 09:24	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.49		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

TOTAL Metals

Lot-Sample #...: A8C140235-004 **Matrix.....:** SO
Date Sampled...: 03/13/08 14:35 **Date Received..:** 03/14/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**12.0**	**0.45**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJLX71AL**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 8077030						
Silver	**0.032 B**	**0.090**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLX71AD**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**6790**	**18.1**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AQ**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 10.8		
Arsenic	**3.9**	**0.090**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLX71AA**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**25.3 J**	**0.90**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AR**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.080		
Beryllium	**0.072 B**	**0.18**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AT**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.049		
Calcium	**81300**	**2260**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AV**
		Dilution Factor: 5		Analysis Time..: 11:13	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 90.4		
Cadmium	**0.14**	**0.090**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AU**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.041		
Cobalt	**7.5**	**0.45**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AW**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

TOTAL Metals

Lot-Sample #...: A8C140235-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**12.0**	**0.45**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A7**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**15.7**	**0.90**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71AX**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.84		
Iron	**13300**	**9.0**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A0**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.5		
Mercury	**0.021 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/17/08**	**KJLX71AP**
		Dilution Factor: 1		Analysis Time..: 16:33	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1650**	**452**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A4**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.0		
Magnesium	**12800**	**90.4**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A1**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.8		
Manganese	**343**	**0.90**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A2**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.084		
Sodium	**283**	**90.4**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A5**
		Dilution Factor: 1		Analysis Time..: 14:56	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 74.6		
Nickel	**19.3**	**0.90**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A3**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.31		
Lead	**6.8**	**0.27**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A8**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.21		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

TOTAL Metals

Lot-Sample #...: A8C140235-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	0.18	mg/kg	SW846 6020	03/17-03/18/08	KJLX71A9
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.54**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLX71AC**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.20**	**0.090**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLX71AE**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**15.7**	**0.90**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJLX71A6**
		Dilution Factor: 1		Analysis Time..: 02:00	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**36.4**	**0.90**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJLX71AF**
		Dilution Factor: 1		Analysis Time..: 09:39	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

TOTAL Metals

Lot-Sample #...: A8C140235-005 **Matrix.....:** SO
Date Sampled...: 03/13/08 15:10 **Date Received..:** 03/14/08
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**14.4**	**0.45**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJL0A1AL**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 8077030						
Silver	**0.038 B**	**0.091**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0A1AD**
		Dilution Factor: 1		Analysis Time..: 09:43	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.018		
Aluminum	**8700**	**18.2**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1AQ**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 10.9		
Arsenic	**4.0**	**0.091**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0A1AA**
		Dilution Factor: 1		Analysis Time..: 09:43	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.070		
Barium	**68.3 J**	**0.91**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1AR**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.081		
Beryllium	ND	0.18	mg/kg	SW846 6010B	03/17-03/18/08	KJL0A1AT
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.049		
Calcium	**83300**	**2270**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1AV**
		Dilution Factor: 5		Analysis Time..: 11:18	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 90.9		
Cadmium	**0.22**	**0.091**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1AU**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.041		
Cobalt	**6.5**	**0.45**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1AW**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.18		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

TOTAL Metals

Lot-Sample #...: A8C140235-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**15.0**	**0.45**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A7**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**18.1**	**0.91**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1AX**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.84		
Iron	**17300**	**9.1**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A0**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.6		
Mercury	**0.021 B**	**0.045**	**mg/kg**	**SW846 7471A**	**03/17/08**	**KJL0A1AP**
		Dilution Factor: 1		Analysis Time..: 16:22	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.017		
Potassium	**1650**	**455**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A4**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.0		
Magnesium	**15100**	**90.9**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A1**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.8		
Manganese	**391**	**0.91**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A2**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.084		
Sodium	**506**	**90.9**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A5**
		Dilution Factor: 1		Analysis Time..: 15:01	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 75.0		
Nickel	**18.2**	**0.91**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A3**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.31		
Lead	**6.5**	**0.27**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A8**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

TOTAL Metals

Lot-Sample #...: A8C140235-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.043 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0A1A9**
		Dilution Factor: 1		Analysis Time..: 09:43	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.027		
Selenium	**0.57**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0A1AC**
		Dilution Factor: 1		Analysis Time..: 09:43	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.10		
Thallium	**0.16**	**0.091**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0A1AE**
		Dilution Factor: 1		Analysis Time..: 09:43	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**20.2**	**0.91**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0A1A6**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**37.6**	**0.91**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0A1AF**
		Dilution Factor: 1		Analysis Time..: 09:43	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.50		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

TOTAL Metals

Lot-Sample #...: A8C140235-006 **Matrix.....:** SO
Date Sampled...: 03/13/08 16:00 **Date Received..:** 03/14/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**10.1**	**0.47**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJL0D1AL**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 8077030						
Silver	**0.021 B**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0D1AD**
		Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**5740**	**18.7**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AQ**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 11.2		
Arsenic	**3.1**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0D1AA**
		Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.072		
Barium	**35.9 J**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AR**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.083		
Beryllium	**0.11 B**	**0.19**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AT**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.050		
Calcium	**38400**	**467**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AV**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 18.7		
Cadmium	**0.085 B**	**0.093**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AU**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.042		
Cobalt	**5.4**	**0.47**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AW**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

TOTAL Metals

Lot-Sample #...: A8C140235-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**10.1**	**0.47**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A7**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**10.2**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1AX**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.86		
Iron	**15200**	**9.3**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A0**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.7		
Mercury	ND	0.047	mg/kg	SW846 7471A	03/17/08	KJL0D1AP
		Dilution Factor: 1		Analysis Time..: 16:38	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**971**	**467**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A4**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.2		
Magnesium	**9350**	**93.4**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A1**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 6.0		
Manganese	**214**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A2**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.086		
Sodium	**862**	**93.4**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A5**
		Dilution Factor: 1		Analysis Time..: 15:06	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 77.1		
Nickel	**13.2**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A3**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.32		
Lead	**6.5**	**0.28**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A8**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

TOTAL Metals

Lot-Sample #...: A8C140235-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	0.19	mg/kg	SW846 6020	03/17-03/18/08	KJL0D1A9
		Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.46**	**0.20**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0D1AC**
		Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.12**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0D1AE**
		Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**13.1**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJL0D1A6**
		Dilution Factor: 1		Analysis Time..: 02:11	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**32.8**	**0.93**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJL0D1AF**
		Dilution Factor: 1		Analysis Time..: 09:48	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

TOTAL Metals

Lot-Sample #...: A8C150172-001 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**23.6**	**0.48**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJNQM1A9**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.16		
Prep Batch #...: 8077030						
Silver	**0.042 B**	**0.097**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQM1A2**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**14700**	**19.4**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AE**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 11.6		
Arsenic	**12.1**	**0.097**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQM1A0**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.075		
Barium	**55.8 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AF**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.086		
Beryllium	**0.24**	**0.19**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AG**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.052		
Calcium	**4350**	**485**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AJ**
		Dilution Factor: 1		Analysis Time..: 15:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 19.4		
Cadmium	**0.075 B**	**0.097**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AH**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.044		
Cobalt	**15.0**	**0.48**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AK**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

TOTAL Metals

Lot-Sample #...: A8C150172-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**23.6**	**0.48**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AV**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.24		
Copper	**48.9**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AL**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.90		
Iron	**34200**	**9.7**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AM**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.9		
Mercury	**0.028 B**	**0.048**	**mg/kg**	**SW846 7471A**	**03/17/08**	**KJNQM1AD**
		Dilution Factor: 1		Analysis Time..: 16:17	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**1710**	**485**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AR**
		Dilution Factor: 1		Analysis Time..: 15:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.5		
Magnesium	**4460**	**96.9**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AN**
		Dilution Factor: 1		Analysis Time..: 15:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 6.2		
Manganese	**923**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AP**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.090		
Sodium	**709**	**96.9**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AT**
		Dilution Factor: 1		Analysis Time..: 15:11	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 80.0		
Nickel	**40.0**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AQ**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.33		
Lead	**18.0**	**0.29**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AW**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

TOTAL Metals

Lot-Sample #...: A8C150172-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.12 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQM1AX**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.029		
Selenium	**1.6**	**0.21**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQM1A1**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.42**	**0.097**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQM1A3**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.016		
Vanadium	**36.2**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQM1AU**
		Dilution Factor: 1		Analysis Time..: 03:13	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Zinc	**92.1**	**0.97**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQM1A4**
		Dilution Factor: 1		Analysis Time..: 09:52	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.53		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

TOTAL Metals

Lot-Sample #...: A8C150172-002 **Matrix.....:** SO
Date Sampled...: 03/14/08 10:50 **Date Received..:** 03/15/08
% Moisture.....: 14

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**14.4**	**0.47**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJNQ11AL**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Prep Batch #...: 8077030						
Silver	**0.035 B**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ11AD**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**9050**	**18.7**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AQ**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 11.2		
Arsenic	**7.4**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ11AA**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.072		
Barium	**50.2 J**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AR**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.083		
Beryllium	**0.15 B**	**0.19**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AT**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.050		
Calcium	**77500**	**2340**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AV**
		Dilution Factor: 5		Analysis Time..: 11:30	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 93.5		
Cadmium	**0.12**	**0.093**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AU**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.042		
Cobalt	**8.9**	**0.47**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AW**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

TOTAL Metals

Lot-Sample #...: A8C150172-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**15.5**	**0.47**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A7**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		
Copper	**19.8**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11AX**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.86		
Iron	**18100**	**9.3**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A0**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.7		
Mercury	**0.023 B**	**0.047**	**mg/kg**	**SW846 7471A**	**03/17/08**	**KJNQ11AP**
		Dilution Factor: 1		Analysis Time..: 16:23	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**1640**	**467**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A4**
		Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.2		
Magnesium	**9930**	**93.5**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A1**
		Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 6.0		
Manganese	**536**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A2**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.086		
Sodium	**905**	**93.5**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A5**
		Dilution Factor: 1		Analysis Time..: 15:28	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 77.1		
Nickel	**24.8**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A3**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.32		
Lead	**8.6**	**0.28**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A8**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.22		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

TOTAL Metals

Lot-Sample #...: A8C150172-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.077 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ11A9**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.028		
Selenium	**0.56**	**0.20**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ11AC**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.24**	**0.093**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ11AE**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.015		
Vanadium	**19.6**	**0.93**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ11A6**
		Dilution Factor: 1		Analysis Time..: 03:28	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.14		
Zinc	**45.2**	**0.93**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ11AF**
		Dilution Factor: 1		Analysis Time..: 10:07	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.51		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

TOTAL Metals

Lot-Sample #...: A8C150172-003 **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08
% Moisture.....: 6.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	ND	0.43	mg/kg	SW846 7196A	03/17-03/18/08	KJNQ21AL
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.14		
Prep Batch #...: 8077030						
Silver	ND	0.085	mg/kg	SW846 6020	03/17-03/18/08	KJNQ21AD
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.017		
Aluminum	**1600**	**17.1**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21AQ**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 10.2		
Arsenic	**2.7**	**0.085**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ21AA**
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.066		
Barium	**6.9 J**	**0.85**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21AR**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.076		
Beryllium	ND	0.17	mg/kg	SW846 6010B	03/17-03/18/08	KJNQ21AT
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.046		
Calcium	**39500**	**427**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21AV**
		Dilution Factor: 1		Analysis Time..: 15:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 17.1		
Cadmium	**0.065 B**	**0.085**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21AU**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.038		
Cobalt	**2.2**	**0.43**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21AW**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.17		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

TOTAL Metals

Lot-Sample #...: A8C150172-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.6**	**0.43**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A7**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.21		
Copper	**5.1**	**0.85**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21AX**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.79		
Iron	**4370**	**8.5**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A0**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.2		
Mercury	ND	0.043	mg/kg	SW846 7471A	03/17/08	KJNQ21AP
		Dilution Factor: 1		Analysis Time..: 16:44	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.016		
Potassium	**239 B**	**427**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A4**
		Dilution Factor: 1		Analysis Time..: 15:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 6.6		
Magnesium	**7430**	**85.3**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A1**
		Dilution Factor: 1		Analysis Time..: 15:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.4		
Manganese	**138**	**0.85**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A2**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.079		
Sodium	ND	85.3	mg/kg	SW846 6010B	03/17-03/18/08	KJNQ21A5
		Dilution Factor: 1		Analysis Time..: 15:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 70.4		
Nickel	**5.5**	**0.85**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A3**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.29		
Lead	**2.9**	**0.26**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A8**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.20		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

TOTAL Metals

Lot-Sample #...: A8C150172-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	ND	0.17	mg/kg	SW846 6020	03/17-03/18/08	KJNQ21A9
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.026		
Selenium	**0.15 B**	**0.18**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ21AC**
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.096		
Thallium	**0.067 B**	**0.085**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ21AE**
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.014		
Vanadium	**6.1**	**0.85**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ21A6**
		Dilution Factor: 1		Analysis Time..: 03:34	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.13		
Zinc	**17.1**	**0.85**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ21AF**
		Dilution Factor: 1		Analysis Time..: 10:11	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.47		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

TOTAL Metals

Lot-Sample #...: A8C150172-004 **Matrix.....:** SO
Date Sampled...: 03/14/08 10:00 **Date Received..:** 03/15/08
% Moisture.....: 17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8077029						
Trivalent Chromium	**8.5**	**0.48**	**mg/kg**	**SW846 7196A**	**03/17-03/18/08**	**KJNQ31AL**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.16		
Prep Batch #...: 8077030						
Silver	ND	0.097	mg/kg	SW846 6020	03/17-03/18/08	KJNQ31AD
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.019		
Aluminum	**5200**	**19.4**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31AQ**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 11.6		
Arsenic	**5.6**	**0.097**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ31AA**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.075		
Barium	**28.8 J**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31AR**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.086		
Beryllium	ND	0.19	mg/kg	SW846 6010B	03/17-03/18/08	KJNQ31AT
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.052		
Calcium	**86200**	**2420**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31AV**
		Dilution Factor: 5		Analysis Time..: 11:35	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 96.8		
Cadmium	**0.12**	**0.097**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31AU**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.044		
Cobalt	**5.8**	**0.48**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31AW**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.19		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

TOTAL Metals

Lot-Sample #...: A8C150172-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**8.9**	**0.48**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A7**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.24		
Copper	**16.6**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31AX**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.90		
Iron	**13400**	**9.7**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A0**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 5.9		
Mercury	**0.024 B**	**0.048**	**mg/kg**	**SW846 7471A**	**03/17/08**	**KJNQ31AP**
		Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 001576	
		Instrument ID..: H1		MDL.....: 0.018		
Potassium	**1110**	**484**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A4**
		Dilution Factor: 1		Analysis Time..: 15:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 7.5		
Magnesium	**15700**	**96.8**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A1**
		Dilution Factor: 1		Analysis Time..: 15:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 6.2		
Manganese	**340**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A2**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.090		
Sodium	**131**	**96.8**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A5**
		Dilution Factor: 1		Analysis Time..: 15:53	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 79.9		
Nickel	**15.0**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A3**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.33		
Lead	**6.8**	**0.29**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A8**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.23		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

TOTAL Metals

Lot-Sample #...: A8C150172-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	**0.045 B**	**0.19**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ31A9**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.029		
Selenium	**0.45**	**0.21**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ31AC**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.11		
Thallium	**0.24**	**0.097**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ31AE**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.016		
Vanadium	**14.4**	**0.97**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJNQ31A6**
		Dilution Factor: 1		Analysis Time..: 03:39	Analyst ID.....: 001887	
		Instrument ID..: I6		MDL.....: 0.15		
Zinc	**43.5**	**0.97**	**mg/kg**	**SW846 6020**	**03/17-03/18/08**	**KJNQ31AF**
		Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.53		

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8C120000-030 **Prep Batch #...:** 8072030						
Aluminum	ND	16.0	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AG
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Antimony	ND	0.16	mg/kg	SW846 6020	03/12-03/14/08	KJD5F1A1
		Dilution Factor: 1				
		Analysis Time..: 15:32	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	0.080	mg/kg	SW846 6020	03/12-03/14/08	KJD5F1A2
		Dilution Factor: 1				
		Analysis Time..: 15:32	Analyst ID.....: 002260		Instrument ID..: I8	
Barium	**0.099 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJD5F1AH**
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Beryllium	ND	0.16	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AJ
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Cadmium	ND	0.080	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AK
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Calcium	**36.5 B**	**400**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJD5F1AL**
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Chromium	ND	0.40	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AX
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Cobalt	ND	0.40	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AM
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Copper	ND	0.80	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AN
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Iron	ND	8.0	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AP
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.24	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1A0
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Magnesium	**6.3 B**	**80.0**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJD5F1AQ**
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Manganese	ND	0.80	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AR
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Mercury	ND	0.040	mg/kg	SW846 7471A	03/12-03/17/08	KJD5F1AF
		Dilution Factor: 1				
		Analysis Time..: 12:25	Analyst ID.....: 001576		Instrument ID..: H1	
Nickel	ND	0.80	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AT
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Potassium	**26.0 B**	**400**	**mg/kg**	**SW846 6010B**	**03/12-03/14/08**	**KJD5F1AU**
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Selenium	ND	0.17	mg/kg	SW846 6020	03/12-03/14/08	KJD5F1AA
		Dilution Factor: 1				
		Analysis Time..: 15:32	Analyst ID.....: 002260		Instrument ID..: I8	
Silver	ND	0.080	mg/kg	SW846 6020	03/12-03/14/08	KJD5F1AC
		Dilution Factor: 1				
		Analysis Time..: 15:32	Analyst ID.....: 002260		Instrument ID..: I8	
Sodium	ND	80.0	mg/kg	SW846 6010B	03/12-03/17/08	KJD5F1AV
		Dilution Factor: 1				
		Analysis Time..: 15:17	Analyst ID.....: 001644		Instrument ID..: I5	
Thallium	ND	0.080	mg/kg	SW846 6020	03/12-03/14/08	KJD5F1AD
		Dilution Factor: 1				
		Analysis Time..: 15:32	Analyst ID.....: 002260		Instrument ID..: I8	
Vanadium	ND	0.80	mg/kg	SW846 6010B	03/12-03/14/08	KJD5F1AW
		Dilution Factor: 1				
		Analysis Time..: 10:11	Analyst ID.....: 001637		Instrument ID..: I5	
Zinc	ND	0.80	mg/kg	SW846 6020	03/12-03/14/08	KJD5F1AE
		Dilution Factor: 1				
		Analysis Time..: 15:32	Analyst ID.....: 002260		Instrument ID..: I8	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8C130000-029 **Prep Batch #...:** 8073029						
Aluminum	ND	16.0	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AC
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Antimony	ND	0.16	mg/kg	SW846 6020	03/13-03/14/08	KJGJ71AV
		Dilution Factor: 1				
		Analysis Time..: 12:44	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	0.080	mg/kg	SW846 6020	03/13-03/14/08	KJGJ71AW
		Dilution Factor: 1				
		Analysis Time..: 12:44	Analyst ID.....: 002260		Instrument ID..: I8	
Barium	**0.076 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJGJ71AD**
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Beryllium	ND	0.16	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AE
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Cadmium	ND	0.080	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AF
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Calcium	**25.5 B**	**400**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJGJ71AG**
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Chromium	ND	0.40	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AT
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Cobalt	ND	0.40	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AH
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Copper	ND	0.80	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AJ
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	
Iron	ND	8.0	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AK
		Dilution Factor: 1				
		Analysis Time..: 04:03	Analyst ID.....: 001887		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	**0.27**	**0.24**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJGJ71AU**
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Magnesium	ND	80.0	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AL
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Manganese	**0.10 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJGJ71AM**
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Mercury	ND	0.040	mg/kg	SW846 7471A	03/13-03/17/08	KJGJ71AA
		Dilution Factor: 1				
		Analysis Time..: 11:18		Analyst ID.....: 001576	Instrument ID..: H1	
Nickel	ND	0.80	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AN
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Potassium	**21.6 B**	**400**	**mg/kg**	**SW846 6010B**	**03/13-03/14/08**	**KJGJ71AP**
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Selenium	ND	0.17	mg/kg	SW846 6020	03/13-03/14/08	KJGJ71AX
		Dilution Factor: 1				
		Analysis Time..: 12:44		Analyst ID.....: 002260	Instrument ID..: I8	
Silver	ND	0.080	mg/kg	SW846 6020	03/13-03/14/08	KJGJ71A0
		Dilution Factor: 1				
		Analysis Time..: 12:44		Analyst ID.....: 002260	Instrument ID..: I8	
Sodium	ND	80.0	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AQ
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Thallium	ND	0.080	mg/kg	SW846 6020	03/13-03/14/08	KJGJ71A1
		Dilution Factor: 1				
		Analysis Time..: 12:44		Analyst ID.....: 002260	Instrument ID..: I8	
Vanadium	ND	0.80	mg/kg	SW846 6010B	03/13-03/14/08	KJGJ71AR
		Dilution Factor: 1				
		Analysis Time..: 04:03		Analyst ID.....: 001887	Instrument ID..: I5	
Zinc	ND	0.80	mg/kg	SW846 6020	03/13-03/14/08	KJGJ71A2
		Dilution Factor: 1				
		Analysis Time..: 12:44		Analyst ID.....: 002260	Instrument ID..: I8	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8C140000-028 **Prep Batch #...:** 8074028						
Aluminum	ND	16.0	mg/kg	SW846 6010B	03/14-03/17/08	KJKJQ1AH
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Antimony	ND	0.16	mg/kg	SW846 6020	03/14/08	KJKJQ1A2
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	0.080	mg/kg	SW846 6020	03/14/08	KJKJQ1AA
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 002260		Instrument ID..: I8	
Barium	**0.22 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AJ**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Beryllium	**0.10 B**	**0.16**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AK**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Cadmium	**0.050 B**	**0.080**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AL**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Calcium	ND	400	mg/kg	SW846 6010B	03/14-03/17/08	KJKJQ1AM
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Chromium	**0.35 B**	**0.40**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1A0**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Cobalt	**0.24 B**	**0.40**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AN**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Copper	ND	0.80	mg/kg	SW846 6010B	03/14-03/17/08	KJKJQ1AP
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Iron	ND	8.0	mg/kg	SW846 6010B	03/14-03/18/08	KJKJQ1AQ
		Dilution Factor: 1				
		Analysis Time..: 02:25	Analyst ID.....: 001644		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.24	mg/kg	SW846 6010B	03/14-03/17/08	KJKJQ1A1
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Magnesium	**7.8 B**	**80.0**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AR**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Manganese	**0.11 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AT**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Mercury	ND	0.040	mg/kg	SW846 7471A	03/14-03/17/08	KJKJQ1AG
		Dilution Factor: 1				
		Analysis Time..: 13:28	Analyst ID.....: 001576		Instrument ID..: H1	
Nickel	**0.29 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AU**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Potassium	**23.4 B**	**400**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AV**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Selenium	ND	0.17	mg/kg	SW846 6020	03/14/08	KJKJQ1AC
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 002260		Instrument ID..: I8	
Silver	ND	0.080	mg/kg	SW846 6020	03/14/08	KJKJQ1AD
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 002260		Instrument ID..: I8	
Sodium	ND	80.0	mg/kg	SW846 6010B	03/14-03/17/08	KJKJQ1AW
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Thallium	ND	0.080	mg/kg	SW846 6020	03/14/08	KJKJQ1AE
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 002260		Instrument ID..: I8	
Vanadium	**0.19 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/14-03/17/08**	**KJKJQ1AX**
		Dilution Factor: 1				
		Analysis Time..: 18:22	Analyst ID.....: 001644		Instrument ID..: I5	
Zinc	ND	0.80	mg/kg	SW846 6020	03/14/08	KJKJQ1AF
		Dilution Factor: 1				
		Analysis Time..: 17:44	Analyst ID.....: 002260		Instrument ID..: I8	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8C170000-030 **Prep Batch #...:** 8077030						
Aluminum	ND	16.0	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AC
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Antimony	ND	0.16	mg/kg	SW846 6020	03/17-03/18/08	KJPFK1AV
		Dilution Factor: 1				
		Analysis Time..: 09:11	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	0.080	mg/kg	SW846 6020	03/17-03/18/08	KJPFK1AW
		Dilution Factor: 1				
		Analysis Time..: 09:11	Analyst ID.....: 002260		Instrument ID..: I8	
Barium	**0.090 B**	**0.80**	**mg/kg**	**SW846 6010B**	**03/17-03/18/08**	**KJPFK1AD**
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Beryllium	ND	0.16	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AE
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Cadmium	ND	0.080	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AF
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Calcium	ND	400	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AG
		Dilution Factor: 1				
		Analysis Time..: 14:19	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	0.40	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AT
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Cobalt	ND	0.40	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AH
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Copper	ND	0.80	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AJ
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Iron	ND	8.0	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AK
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.24	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AU
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Magnesium	ND	80.0	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AL
		Dilution Factor: 1				
		Analysis Time..: 14:19	Analyst ID.....: 001637		Instrument ID..: I6	
Manganese	ND	0.80	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AM
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Mercury	ND	0.040	mg/kg	SW846 7471A	03/17/08	KJPFK1AA
		Dilution Factor: 1				
		Analysis Time..: 16:15	Analyst ID.....: 001576		Instrument ID..: H1	
Nickel	ND	0.80	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AN
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Potassium	ND	400	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AP
		Dilution Factor: 1				
		Analysis Time..: 14:19	Analyst ID.....: 001637		Instrument ID..: I6	
Selenium	ND	0.17	mg/kg	SW846 6020	03/17-03/18/08	KJPFK1AX
		Dilution Factor: 1				
		Analysis Time..: 09:11	Analyst ID.....: 002260		Instrument ID..: I8	
Silver	ND	0.080	mg/kg	SW846 6020	03/17-03/18/08	KJPFK1A0
		Dilution Factor: 1				
		Analysis Time..: 09:11	Analyst ID.....: 002260		Instrument ID..: I8	
Sodium	ND	80.0	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AQ
		Dilution Factor: 1				
		Analysis Time..: 14:19	Analyst ID.....: 001637		Instrument ID..: I6	
Thallium	ND	0.080	mg/kg	SW846 6020	03/17-03/18/08	KJPFK1A1
		Dilution Factor: 1				
		Analysis Time..: 09:11	Analyst ID.....: 002260		Instrument ID..: I8	
Vanadium	ND	0.80	mg/kg	SW846 6010B	03/17-03/18/08	KJPFK1AR
		Dilution Factor: 1				
		Analysis Time..: 01:25	Analyst ID.....: 001887		Instrument ID..: I6	
Zinc	ND	0.80	mg/kg	SW846 6020	03/17-03/18/08	KJPFK1A2
		Dilution Factor: 1				
		Analysis Time..: 09:11	Analyst ID.....: 002260		Instrument ID..: I8	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8C120000-030 **Prep Batch #...:** 8072030							
Selenium	10.0	7.3	mg/kg	73	SW846 6020	03/12-03/14/08	KJD5F1A3
			Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 002260	
			Instrument ID..: I8				
Silver	10.0	8.3	mg/kg	83	SW846 6020	03/12-03/14/08	KJD5F1A4
			Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	10.0	7.9	mg/kg	79	SW846 6020	03/12-03/14/08	KJD5F1A5
			Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 002260	
			Instrument ID..: I8				
Zinc	10.0	8.2	mg/kg	82	SW846 6020	03/12-03/14/08	KJD5F1A6
			Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 002260	
			Instrument ID..: I8				
Mercury	0.83	0.84	mg/kg	101	SW846 7471A	03/12-03/17/08	KJD5F1A7
			Dilution Factor: 1		Analysis Time..: 12:26	Analyst ID.....: 001576	
			Instrument ID..: H1				
Aluminum	200	174	mg/kg	87	SW846 6010B	03/12-03/14/08	KJD5F1A8
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Barium	200	181	mg/kg	90	SW846 6010B	03/12-03/14/08	KJD5F1A9
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Beryllium	5.0	4.6	mg/kg	92	SW846 6010B	03/12-03/14/08	KJD5F1CA
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Cadmium	5.0	4.5	mg/kg	91	SW846 6010B	03/12-03/14/08	KJD5F1CC
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Calcium	5000	4470	mg/kg	89	SW846 6010B	03/12-03/14/08	KJD5F1CD
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	50.0	44.9	mg/kg	90	SW846 6010B	03/12-03/14/08	KJD5F1CE
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Copper	25.0	22.0	mg/kg	88	SW846 6010B	03/12-03/14/08	KJD5F1CF
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Iron	100	96.0	mg/kg	96	SW846 6010B	03/12-03/14/08	KJD5F1CG
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Magnesium	5000	4310	mg/kg	86	SW846 6010B	03/12-03/14/08	KJD5F1CH
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Manganese	50.0	47.0	mg/kg	94	SW846 6010B	03/12-03/14/08	KJD5F1CJ
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Nickel	50.0	47.8	mg/kg	96	SW846 6010B	03/12-03/14/08	KJD5F1CK
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Potassium	5000	4430	mg/kg	89	SW846 6010B	03/12-03/14/08	KJD5F1CL
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Sodium	5000	4240	mg/kg	85	SW846 6010B	03/12-03/17/08	KJD5F1CM
			Dilution Factor: 1		Analysis Time..: 15:21	Analyst ID.....: 001644	
			Instrument ID..: I5				
Vanadium	50.0	43.6	mg/kg	87	SW846 6010B	03/12-03/14/08	KJD5F1CN
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Chromium	20.0	17.7	mg/kg	88	SW846 6010B	03/12-03/14/08	KJD5F1CP
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				
Lead	50.0	44.4	mg/kg	89	SW846 6010B	03/12-03/14/08	KJD5F1CQ
			Dilution Factor: 1		Analysis Time..: 10:16	Analyst ID.....: 001637	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	10.0	7.6	mg/kg	76	SW846 6020	03/12-03/14/08	KJD5F1CR
			Dilution Factor: 1		Analysis Time..: 15:36	Analyst ID.....: 002260	
			Instrument ID..: I8				
Arsenic	10.0	7.3	mg/kg	73	SW846 6020	03/12-03/17/08	KJD5F1CT
			Dilution Factor: 1		Analysis Time..: 09:47	Analyst ID.....: 002260	
			Instrument ID..: I8				

LCS Lot-Sample#: A8C130000-029 **Prep Batch #...:** 8073029

Mercury	0.83	0.86	mg/kg	104	SW846 7471A	03/13-03/17/08	KJGJ71A3
			Dilution Factor: 1		Analysis Time..: 11:20	Analyst ID.....: 001576	
			Instrument ID..: H1				
Aluminum	200	175	mg/kg	88	SW846 6010B	03/13-03/14/08	KJGJ71A4
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Barium	200	189	mg/kg	94	SW846 6010B	03/13-03/14/08	KJGJ71A5
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Beryllium	5.0	4.7	mg/kg	94	SW846 6010B	03/13-03/14/08	KJGJ71A6
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Cadmium	5.0	4.6	mg/kg	92	SW846 6010B	03/13-03/14/08	KJGJ71A7
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Calcium	5000	4550	mg/kg	91	SW846 6010B	03/13-03/14/08	KJGJ71A8
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Cobalt	50.0	45.5	mg/kg	91	SW846 6010B	03/13-03/14/08	KJGJ71A9
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Copper	25.0	22.4	mg/kg	89	SW846 6010B	03/13-03/14/08	KJGJ71CA
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Iron	100	96.9	mg/kg	97	SW846 6010B	03/13-03/14/08	KJGJ71CC
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5000	4410	mg/kg	88	SW846 6010B	03/13-03/14/08	KJGJ71CD
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Manganese	50.0	48.2	mg/kg	96	SW846 6010B	03/13-03/14/08	KJGJ71CE
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Nickel	50.0	45.4	mg/kg	91	SW846 6010B	03/13-03/14/08	KJGJ71CF
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Potassium	5000	4410	mg/kg	88	SW846 6010B	03/13-03/14/08	KJGJ71CG
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Sodium	5000	4300	mg/kg	86	SW846 6010B	03/13-03/14/08	KJGJ71CH
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Vanadium	50.0	44.7	mg/kg	89	SW846 6010B	03/13-03/14/08	KJGJ71CJ
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Chromium	20.0	18.0	mg/kg	90	SW846 6010B	03/13-03/14/08	KJGJ71CK
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Lead	50.0	45.3	mg/kg	91	SW846 6010B	03/13-03/14/08	KJGJ71CL
			Dilution Factor: 1		Analysis Time..: 04:08	Analyst ID.....: 001887	
			Instrument ID..: I5				
Antimony	10.0	8.1	mg/kg	81	SW846 6020	03/13-03/14/08	KJGJ71CM
			Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 002260	
			Instrument ID..: I8				
Arsenic	10.0	7.5	mg/kg	75	SW846 6020	03/13-03/14/08	KJGJ71CN
			Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 002260	
			Instrument ID..: I8				
Selenium	10.0	7.5	mg/kg	75	SW846 6020	03/13-03/14/08	KJGJ71CP
			Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 002260	
			Instrument ID..: I8				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	10.0	9.0	mg/kg	90	SW846 6020	03/13-03/14/08	KJGJ71CQ
			Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	10.0	8.5	mg/kg	85	SW846 6020	03/13-03/14/08	KJGJ71CR
			Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 002260	
			Instrument ID..: I8				
Zinc	10.0	8.6	mg/kg	86	SW846 6020	03/13-03/14/08	KJGJ71CT
			Dilution Factor: 1		Analysis Time..: 13:56	Analyst ID.....: 002260	
			Instrument ID..: I8				

LCS Lot-Sample#: A8C140000-028 **Prep Batch #...:** 8074028

Arsenic	10.0	7.4	mg/kg	74	SW846 6020	03/14/08	KJKJQ1A3
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 002260	
			Instrument ID..: I8				
Selenium	10.0	7.4	mg/kg	74	SW846 6020	03/14/08	KJKJQ1A4
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 002260	
			Instrument ID..: I8				
Silver	10.0	9.2	mg/kg	92	SW846 6020	03/14/08	KJKJQ1A5
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	10.0	8.6	mg/kg	86	SW846 6020	03/14/08	KJKJQ1A6
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 002260	
			Instrument ID..: I8				
Zinc	10.0	8.2	mg/kg	82	SW846 6020	03/14/08	KJKJQ1A7
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 002260	
			Instrument ID..: I8				
Mercury	0.83	0.86	mg/kg	103	SW846 7471A	03/14-03/17/08	KJKJQ1A8
			Dilution Factor: 1		Analysis Time..: 13:29	Analyst ID.....: 001576	
			Instrument ID..: H1				
Aluminum	200	185	mg/kg	93	SW846 6010B	03/14-03/17/08	KJKJQ1A9
			Dilution Factor: 1		Analysis Time..: 18:27	Analyst ID.....: 001644	
			Instrument ID..: I5				
Barium	200	198	mg/kg	99	SW846 6010B	03/14-03/17/08	KJKJQ1CA
			Dilution Factor: 1		Analysis Time..: 18:27	Analyst ID.....: 001644	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	5.0	4.8	mg/kg	96	SW846 6010B	03/14-03/17/08	KJKJQ1CC
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Cadmium	5.0	4.5	mg/kg	90	SW846 6010B	03/14-03/17/08	KJKJQ1CD
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Calcium	5000	4240	mg/kg	85	SW846 6010B	03/14-03/17/08	KJKJQ1CE
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Cobalt	50.0	44.8	mg/kg	90	SW846 6010B	03/14-03/17/08	KJKJQ1CF
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Copper	25.0	24.5	mg/kg	98	SW846 6010B	03/14-03/17/08	KJKJQ1CG
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Iron	100	94.3	mg/kg	94	SW846 6010B	03/14-03/18/08	KJKJQ1CH
		Dilution Factor: 1		Analysis Time..: 02:29		Analyst ID.....: 001644	
		Instrument ID..: I5					
Magnesium	5000	4190	mg/kg	84	SW846 6010B	03/14-03/17/08	KJKJQ1CJ
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Manganese	50.0	48.8	mg/kg	98	SW846 6010B	03/14-03/17/08	KJKJQ1CK
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Nickel	50.0	47.1	mg/kg	94	SW846 6010B	03/14-03/17/08	KJKJQ1CL
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Potassium	5000	4640	mg/kg	93	SW846 6010B	03/14-03/17/08	KJKJQ1CM
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					
Sodium	5000	4380	mg/kg	88	SW846 6010B	03/14-03/17/08	KJKJQ1CN
		Dilution Factor: 1		Analysis Time..: 18:27		Analyst ID.....: 001644	
		Instrument ID..: I5					

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	44.1	mg/kg	88	SW846 6010B	03/14-03/17/08	KJKJQ1CP
			Dilution Factor: 1		Analysis Time..: 18:27	Analyst ID.....: 001644	
			Instrument ID..: I5				
Chromium	20.0	17.8	mg/kg	89	SW846 6010B	03/14-03/17/08	KJKJQ1CQ
			Dilution Factor: 1		Analysis Time..: 18:27	Analyst ID.....: 001644	
			Instrument ID..: I5				
Lead	50.0	43.6	mg/kg	87	SW846 6010B	03/14-03/17/08	KJKJQ1CR
			Dilution Factor: 1		Analysis Time..: 18:27	Analyst ID.....: 001644	
			Instrument ID..: I5				
Antimony	10.0	7.8	mg/kg	78	SW846 6020	03/14/08	KJKJQ1CT
			Dilution Factor: 1		Analysis Time..: 17:48	Analyst ID.....: 002260	
			Instrument ID..: I8				
LCS Lot-Sample#: A8C170000-030 **Prep Batch #...:** 8077030							
Mercury	0.83	0.80	mg/kg	96	SW846 7471A	03/17/08	KJPFK1A3
			Dilution Factor: 1		Analysis Time..: 16:16	Analyst ID.....: 001576	
			Instrument ID..: H1				
Aluminum	200	182	mg/kg	91	SW846 6010B	03/17-03/18/08	KJPFK1A4
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Barium	200	196	mg/kg	98	SW846 6010B	03/17-03/18/08	KJPFK1A5
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Beryllium	5.0	4.7	mg/kg	94	SW846 6010B	03/17-03/18/08	KJPFK1A6
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Cadmium	5.0	4.7	mg/kg	95	SW846 6010B	03/17-03/18/08	KJPFK1A7
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Calcium	5000	4540	mg/kg	91	SW846 6010B	03/17-03/18/08	KJPFK1A8
			Dilution Factor: 1		Analysis Time..: 14:40	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cobalt	50.0	47.4	mg/kg	95	SW846 6010B	03/17-03/18/08	KJPFK1A9
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	25.0	23.2	mg/kg	93	SW846 6010B	03/17-03/18/08	KJPFK1CA
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Iron	100	97.9	mg/kg	98	SW846 6010B	03/17-03/18/08	KJPFK1CC
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Magnesium	5000	4390	mg/kg	88	SW846 6010B	03/17-03/18/08	KJPFK1CD
			Dilution Factor: 1		Analysis Time..: 14:40	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	50.0	47.8	mg/kg	96	SW846 6010B	03/17-03/18/08	KJPFK1CE
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Nickel	50.0	48.3	mg/kg	97	SW846 6010B	03/17-03/18/08	KJPFK1CF
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Potassium	5000	4530	mg/kg	91	SW846 6010B	03/17-03/18/08	KJPFK1CG
			Dilution Factor: 1		Analysis Time..: 14:40	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	5000	4450	mg/kg	89	SW846 6010B	03/17-03/18/08	KJPFK1CH
			Dilution Factor: 1		Analysis Time..: 14:40	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	50.0	46.2	mg/kg	92	SW846 6010B	03/17-03/18/08	KJPFK1CJ
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Chromium	20.0	18.7	mg/kg	93	SW846 6010B	03/17-03/18/08	KJPFK1CK
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Lead	50.0	46.9	mg/kg	94	SW846 6010B	03/17-03/18/08	KJPFK1CL
			Dilution Factor: 1		Analysis Time..: 01:43	Analyst ID.....: 001887	
			Instrument ID..: I6				
Antimony	10.0	9.0	mg/kg	90	SW846 6020	03/17-03/18/08	KJPFK1CM
			Dilution Factor: 1		Analysis Time..: 09:15	Analyst ID.....: 002260	
			Instrument ID..: I8				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	10.0	8.5	mg/kg	85	SW846 6020	03/17-03/18/08	KJPFK1CN
			Dilution Factor: 1		Analysis Time..: 09:15	Analyst ID.....: 002260	
			Instrument ID..: I8				
Selenium	10.0	8.2	mg/kg	82	SW846 6020	03/17-03/18/08	KJPFK1CP
			Dilution Factor: 1		Analysis Time..: 09:15	Analyst ID.....: 002260	
			Instrument ID..: I8				
Silver	10.0	9.8	mg/kg	98	SW846 6020	03/17-03/18/08	KJPFK1CQ
			Dilution Factor: 1		Analysis Time..: 09:15	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	10.0	9.5	mg/kg	95	SW846 6020	03/17-03/18/08	KJPFK1CR
			Dilution Factor: 1		Analysis Time..: 09:15	Analyst ID.....: 002260	
			Instrument ID..: I8				
Zinc	10.0	9.2	mg/kg	92	SW846 6020	03/17-03/18/08	KJPFK1CT
			Dilution Factor: 1		Analysis Time..: 09:15	Analyst ID.....: 002260	
			Instrument ID..: I8				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8C120000-030 **Prep Batch #...:** 8072030					
Selenium	73	(65 - 97)	SW846 6020	03/12-03/14/08	KJD5F1A3
		Dilution Factor: 1	Analysis Time..: 15:36	Analyst ID.....: 002260	
		Instrument ID..: I8			
Silver	83	(60 - 114)	SW846 6020	03/12-03/14/08	KJD5F1A4
		Dilution Factor: 1	Analysis Time..: 15:36	Analyst ID.....: 002260	
		Instrument ID..: I8			
Thallium	79	(71 - 110)	SW846 6020	03/12-03/14/08	KJD5F1A5
		Dilution Factor: 1	Analysis Time..: 15:36	Analyst ID.....: 002260	
		Instrument ID..: I8			
Zinc	82	(72 - 113)	SW846 6020	03/12-03/14/08	KJD5F1A6
		Dilution Factor: 1	Analysis Time..: 15:36	Analyst ID.....: 002260	
		Instrument ID..: I8			
Mercury	101	(73 - 121)	SW846 7471A	03/12-03/17/08	KJD5F1A7
		Dilution Factor: 1	Analysis Time..: 12:26	Analyst ID.....: 001576	
		Instrument ID..: H1			
Aluminum	87	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1A8
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Barium	90	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1A9
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Beryllium	92	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CA
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Cadmium	91	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CC
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Calcium	89	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CD
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	90	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CE
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Copper	88	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CF
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Iron	96	(73 - 137)	SW846 6010B	03/12-03/14/08	KJD5F1CG
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Magnesium	86	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CH
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CJ
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Nickel	96	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CK
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Potassium	89	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CL
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Sodium	85	(80 - 120)	SW846 6010B	03/12-03/17/08	KJD5F1CM
		Dilution Factor: 1	Analysis Time..: 15:21	Analyst ID.....: 001644	
		Instrument ID..: I5			
Vanadium	87	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CN
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Chromium	88	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CP
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			
Lead	89	(80 - 120)	SW846 6010B	03/12-03/14/08	KJD5F1CQ
		Dilution Factor: 1	Analysis Time..: 10:16	Analyst ID.....: 001637	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	76	(68 - 113)	SW846 6020	03/12-03/14/08	KJD5F1CR
		Dilution Factor: 1	Analysis Time..: 15:36	Analyst ID.....: 002260	
		Instrument ID..: I8			
Arsenic	73	(73 - 110)	SW846 6020	03/12-03/17/08	KJD5F1CT
		Dilution Factor: 1	Analysis Time..: 09:47	Analyst ID.....: 002260	
		Instrument ID..: I8			
LCS Lot-Sample#: A8C130000-029 **Prep Batch #...:** 8073029					
Mercury	104	(73 - 121)	SW846 7471A	03/13-03/17/08	KJGJ71A3
		Dilution Factor: 1	Analysis Time..: 11:20	Analyst ID.....: 001576	
		Instrument ID..: H1			
Aluminum	88	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71A4
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Barium	94	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71A5
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Beryllium	94	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71A6
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Cadmium	92	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71A7
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Calcium	91	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71A8
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Cobalt	91	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71A9
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Copper	89	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CA
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			
Iron	97	(73 - 137)	SW846 6010B	03/13-03/14/08	KJGJ71CC
		Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	88	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CD
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Manganese	96	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CE
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Nickel	91	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CF
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Potassium	88	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CG
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Sodium	86	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CH
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Vanadium	89	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CJ
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Chromium	90	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CK
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Lead	91	(80 - 120)	SW846 6010B	03/13-03/14/08	KJGJ71CL
	Dilution Factor: 1	Analysis Time..: 04:08	Analyst ID.....: 001887		
	Instrument ID..: I5				
Antimony	81	(68 - 113)	SW846 6020	03/13-03/14/08	KJGJ71CM
	Dilution Factor: 1	Analysis Time..: 13:56	Analyst ID.....: 002260		
	Instrument ID..: I8				
Arsenic	75	(73 - 110)	SW846 6020	03/13-03/14/08	KJGJ71CN
	Dilution Factor: 1	Analysis Time..: 13:56	Analyst ID.....: 002260		
	Instrument ID..: I8				
Selenium	75	(65 - 97)	SW846 6020	03/13-03/14/08	KJGJ71CP
	Dilution Factor: 1	Analysis Time..: 13:56	Analyst ID.....: 002260		
	Instrument ID..: I8				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	90	(60 - 114)	SW846 6020	03/13-03/14/08	KJGJ71CQ
	Dilution Factor: 1	Analysis Time..: 13:56	Analyst ID.....: 002260		
	Instrument ID..: I8				
Thallium	85	(71 - 110)	SW846 6020	03/13-03/14/08	KJGJ71CR
	Dilution Factor: 1	Analysis Time..: 13:56	Analyst ID.....: 002260		
	Instrument ID..: I8				
Zinc	86	(72 - 113)	SW846 6020	03/13-03/14/08	KJGJ71CT
	Dilution Factor: 1	Analysis Time..: 13:56	Analyst ID.....: 002260		
	Instrument ID..: I8				
LCS Lot-Sample#: A8C140000-028	**Prep Batch #...:** 8074028				
Arsenic	74	(73 - 110)	SW846 6020	03/14/08	KJKJQ1A3
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 002260		
	Instrument ID..: I8				
Selenium	74	(65 - 97)	SW846 6020	03/14/08	KJKJQ1A4
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 002260		
	Instrument ID..: I8				
Silver	92	(60 - 114)	SW846 6020	03/14/08	KJKJQ1A5
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 002260		
	Instrument ID..: I8				
Thallium	86	(71 - 110)	SW846 6020	03/14/08	KJKJQ1A6
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 002260		
	Instrument ID..: I8				
Zinc	82	(72 - 113)	SW846 6020	03/14/08	KJKJQ1A7
	Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 002260		
	Instrument ID..: I8				
Mercury	103	(73 - 121)	SW846 7471A	03/14-03/17/08	KJKJQ1A8
	Dilution Factor: 1	Analysis Time..: 13:29	Analyst ID.....: 001576		
	Instrument ID..: H1				
Aluminum	93	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1A9
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Barium	99	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CA
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Beryllium	96	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CC
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Cadmium	90	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CD
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Calcium	85	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CE
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Cobalt	90	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CF
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Copper	98	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CG
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Iron	94	(73 - 137)	SW846 6010B	03/14-03/18/08	KJKJQ1CH
	Dilution Factor: 1	Analysis Time..: 02:29	Analyst ID.....: 001644		
	Instrument ID..: I5				
Magnesium	84	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CJ
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Manganese	98	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CK
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Nickel	94	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CL
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Potassium	93	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CM
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				
Sodium	88	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CN
	Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644		
	Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	88	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CP
		Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644	
		Instrument ID..: I5			
Chromium	89	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CQ
		Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644	
		Instrument ID..: I5			
Lead	87	(80 - 120)	SW846 6010B	03/14-03/17/08	KJKJQ1CR
		Dilution Factor: 1	Analysis Time..: 18:27	Analyst ID.....: 001644	
		Instrument ID..: I5			
Antimony	78	(68 - 113)	SW846 6020	03/14/08	KJKJQ1CT
		Dilution Factor: 1	Analysis Time..: 17:48	Analyst ID.....: 002260	
		Instrument ID..: I8			

LCS Lot-Sample#: A8C170000-030 **Prep Batch #...:** 8077030

Mercury	96	(73 - 121)	SW846 7471A	03/17/08	KJPFK1A3
		Dilution Factor: 1	Analysis Time..: 16:16	Analyst ID.....: 001576	
		Instrument ID..: H1			
Aluminum	91	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1A4
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Barium	98	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1A5
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Beryllium	94	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1A6
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Cadmium	95	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1A7
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Calcium	91	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1A8
		Dilution Factor: 1	Analysis Time..: 14:40	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cobalt	95	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1A9
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	93	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CA
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Iron	98	(73 - 137)	SW846 6010B	03/17-03/18/08	KJPFK1CC
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Magnesium	88	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CD
		Dilution Factor: 1	Analysis Time..: 14:40	Analyst ID.....: 001637	
		Instrument ID..: I6			
Manganese	96	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CE
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Nickel	97	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CF
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Potassium	91	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CG
		Dilution Factor: 1	Analysis Time..: 14:40	Analyst ID.....: 001637	
		Instrument ID..: I6			
Sodium	89	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CH
		Dilution Factor: 1	Analysis Time..: 14:40	Analyst ID.....: 001637	
		Instrument ID..: I6			
Vanadium	92	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CJ
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Chromium	93	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CK
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Lead	94	(80 - 120)	SW846 6010B	03/17-03/18/08	KJPFK1CL
		Dilution Factor: 1	Analysis Time..: 01:43	Analyst ID.....: 001887	
		Instrument ID..: I6			
Antimony	90	(68 - 113)	SW846 6020	03/17-03/18/08	KJPFK1CM
		Dilution Factor: 1	Analysis Time..: 09:15	Analyst ID.....: 002260	
		Instrument ID..: I8			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	85	(73 - 110)	SW846 6020	03/17-03/18/08	KJPFK1CN
		Dilution Factor: 1	Analysis Time..: 09:15	Analyst ID.....: 002260	
		Instrument ID..: I8			
Selenium	82	(65 - 97)	SW846 6020	03/17-03/18/08	KJPFK1CP
		Dilution Factor: 1	Analysis Time..: 09:15	Analyst ID.....: 002260	
		Instrument ID..: I8			
Silver	98	(60 - 114)	SW846 6020	03/17-03/18/08	KJPFK1CQ
		Dilution Factor: 1	Analysis Time..: 09:15	Analyst ID.....: 002260	
		Instrument ID..: I8			
Thallium	95	(71 - 110)	SW846 6020	03/17-03/18/08	KJPFK1CR
		Dilution Factor: 1	Analysis Time..: 09:15	Analyst ID.....: 002260	
		Instrument ID..: I8			
Zinc	92	(72 - 113)	SW846 6020	03/17-03/18/08	KJPFK1CT
		Dilution Factor: 1	Analysis Time..: 09:15	Analyst ID.....: 002260	
		Instrument ID..: I8			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C110158-005 **Prep Batch #...:** 8072030									
Aluminum									
	7820	235	10600	mg/kg			SW846 6010B	03/12-03/14/08	KJCPL1CJ
			Qualifiers: NC,MSB						
	7820	235	9900	mg/kg			SW846 6010B	03/12-03/14/08	KJCPL1CK
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 10:30	Instrument ID..: I5			Analyst ID.....: 001637		
Antimony									
	0.074	11.7	2.6 N	mg/kg	22		SW846 6020	03/12-03/14/08	KJCPL1DL
	0.074	11.7	2.7 N	mg/kg	23	4.1	SW846 6020	03/12-03/14/08	KJCPL1DM
			Dilution Factor: 1						
			Analysis Time..: 15:45	Instrument ID..: I8			Analyst ID.....: 002260		
Arsenic									
	2.7	11.7	11.3	mg/kg	74		SW846 6020	03/12-03/14/08	KJCPL1DN
	2.7	11.7	11.9	mg/kg	79	4.7	SW846 6020	03/12-03/14/08	KJCPL1DP
			Dilution Factor: 1						
			Analysis Time..: 15:45	Instrument ID..: I8			Analyst ID.....: 002260		
Barium									
	42.0	235	250	mg/kg	89		SW846 6010B	03/12-03/14/08	KJCPL1CL
	42.0	235	243	mg/kg	86	3.0	SW846 6010B	03/12-03/14/08	KJCPL1CM
			Dilution Factor: 1						
			Analysis Time..: 10:30	Instrument ID..: I5			Analyst ID.....: 001637		
Beryllium									
	0.41	5.9	5.5	mg/kg	86		SW846 6010B	03/12-03/14/08	KJCPL1CN
	0.41	5.9	5.3	mg/kg	83	3.0	SW846 6010B	03/12-03/14/08	KJCPL1CP
			Dilution Factor: 1						
			Analysis Time..: 10:30	Instrument ID..: I5			Analyst ID.....: 001637		
Cadmium									
	0.14	5.9	4.9	mg/kg	82		SW846 6010B	03/12-03/14/08	KJCPL1CQ
	0.14	5.9	4.8	mg/kg	80	2.5	SW846 6010B	03/12-03/14/08	KJCPL1CR
			Dilution Factor: 1						
			Analysis Time..: 10:30	Instrument ID..: I5			Analyst ID.....: 001637		
Calcium									
	77700	5870	76800	mg/kg			SW846 6010B	03/12-03/17/08	KJCPL1CT
			Qualifiers: NC,MSB						
	77700	5870	74200	mg/kg			SW846 6010B	03/12-03/17/08	KJCPL1CU
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 15:55	Instrument ID..: I5			Analyst ID.....: 001644		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	14.0	23.5	36.3	mg/kg	95		SW846 6010B	03/12-03/14/08	KJCPL1DG
	14.0	23.5	34.7	mg/kg	88	4.5	SW846 6010B	03/12-03/14/08	KJCPL1DH
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		
Cobalt									
	7.9	58.7	56.9	mg/kg	84		SW846 6010B	03/12-03/14/08	KJCPL1CV
	7.9	58.7	54.7	mg/kg	80	3.9	SW846 6010B	03/12-03/14/08	KJCPL1CW
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		
Copper									
	14.2	29.3	43.2	mg/kg	99		SW846 6010B	03/12-03/14/08	KJCPL1CX
	14.2	29.3	40.6	mg/kg	90	6.2	SW846 6010B	03/12-03/14/08	KJCPL1C0
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		
Iron									
	13300	117	14800	mg/kg			SW846 6010B	03/12-03/14/08	KJCPL1C1
			Qualifiers: NC,MSB						
	13300	117	14000	mg/kg			SW846 6010B	03/12-03/14/08	KJCPL1C2
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		
Lead									
	7.0	58.7	54.8	mg/kg	81		SW846 6010B	03/12-03/14/08	KJCPL1DJ
	7.0	58.7	53.5	mg/kg	79	2.4	SW846 6010B	03/12-03/14/08	KJCPL1DK
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		
Magnesium									
	14400	5870	19800	mg/kg	92		SW846 6010B	03/12-03/14/08	KJCPL1C3
	14400	5870	19200	mg/kg	81	3.4	SW846 6010B	03/12-03/14/08	KJCPL1C4
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		
Manganese									
	350	58.7	434	mg/kg			SW846 6010B	03/12-03/14/08	KJCPL1C5
			Qualifiers: NC,MSB						
	350	58.7	414	mg/kg			SW846 6010B	03/12-03/14/08	KJCPL1C6
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5		Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.20	0.19	mg/kg	95		SW846 7471A	03/12-03/17/08	KJCPL1CG
	ND	0.20	0.19	mg/kg	95	0.08	SW846 7471A	03/12-03/17/08	KJCPL1CH
			Dilution Factor: 1						
			Analysis Time..: 12:30		Instrument ID..: H1			Analyst ID.....: 001576	
Nickel									
	20.9	58.7	73.5	mg/kg	90		SW846 6010B	03/12-03/14/08	KJCPL1C7
	20.9	58.7	69.6	mg/kg	83	5.4	SW846 6010B	03/12-03/14/08	KJCPL1C8
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5			Analyst ID.....: 001637	
Potassium									
	1830	5870	7400	mg/kg	95		SW846 6010B	03/12-03/14/08	KJCPL1C9
	1830	5870	7090	mg/kg	90	4.3	SW846 6010B	03/12-03/14/08	KJCPL1DA
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5			Analyst ID.....: 001637	
Selenium									
	0.55	11.7	9.3	mg/kg	74		SW846 6020	03/12-03/14/08	KJCPL1A7
	0.55	11.7	9.7	mg/kg	78	4.0	SW846 6020	03/12-03/14/08	KJCPL1A8
			Dilution Factor: 1						
			Analysis Time..: 15:45		Instrument ID..: I8			Analyst ID.....: 002260	
Silver									
	0.031	11.7	7.8 N	mg/kg	66		SW846 6020	03/12-03/14/08	KJCPL1A9
	0.031	11.7	8.6 N	mg/kg	73	9.1	SW846 6020	03/12-03/14/08	KJCPL1CA
			Dilution Factor: 1						
			Analysis Time..: 15:45		Instrument ID..: I8			Analyst ID.....: 002260	
Sodium									
	588	5870	5580	mg/kg	85		SW846 6010B	03/12-03/17/08	KJCPL1DC
	588	5870	5420	mg/kg	82	2.9	SW846 6010B	03/12-03/17/08	KJCPL1DD
			Dilution Factor: 1						
			Analysis Time..: 15:36		Instrument ID..: I5			Analyst ID.....: 001644	
Thallium									
	0.22	11.7	9.0	mg/kg	74		SW846 6020	03/12-03/14/08	KJCPL1CC
	0.22	11.7	9.8	mg/kg	82	9.5	SW846 6020	03/12-03/14/08	KJCPL1CD
			Dilution Factor: 1						
			Analysis Time..: 15:45		Instrument ID..: I8			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	17.7	58.7	70.4	mg/kg	90		SW846 6010B	03/12-03/14/08	KJCPL1DE
	17.7	58.7	68.4	mg/kg	86	3.0	SW846 6010B	03/12-03/14/08	KJCPL1DF
			Dilution Factor: 1						
			Analysis Time..: 10:30		Instrument ID..: I5			Analyst ID.....: 001637	
Zinc									
	33.3	11.7	46.2	mg/kg	109		SW846 6020	03/12-03/14/08	KJCPL1CE
	33.3	11.7	48.7	mg/kg	131	5.3	SW846 6020	03/12-03/14/08	KJCPL1CF
			Dilution Factor: 1						
			Analysis Time..: 15:45		Instrument ID..: I8			Analyst ID.....: 002260	

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C110158-005 **Prep Batch #...:** 8072030							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1CJ
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1CK
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Antimony	22 N	(75 - 125)			SW846 6020	03/12-03/14/08	KJCPL1DL
	23 N	(75 - 125)	4.1	(0-20)	SW846 6020	03/12-03/14/08	KJCPL1DM
		Dilution Factor: 1					
		Analysis Time..: 15:45			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	74	(23 - 131)			SW846 6020	03/12-03/14/08	KJCPL1DN
	79	(23 - 131)	4.7	(0-20)	SW846 6020	03/12-03/14/08	KJCPL1DP
		Dilution Factor: 1					
		Analysis Time..: 15:45			Instrument ID..: I8	Analyst ID.....: 002260	
Barium	89	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1CL
	86	(75 - 125)	3.0	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1CM
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Beryllium	86	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1CN
	83	(75 - 125)	3.0	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1CP
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Cadmium	82	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1CQ
	80	(75 - 125)	2.5	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1CR
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	03/12-03/17/08	KJCPL1CT
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/12-03/17/08	KJCPL1CU
		Dilution Factor: 5					
		Analysis Time..: 15:55			Instrument ID..: I5	Analyst ID.....: 001644	
Chromium	95	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1DG
	88	(75 - 125)	4.5	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1DH
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	84	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1CV
	80	(75 - 125)	3.9	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1CW
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Copper	99	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1CX
	90	(75 - 125)	6.2	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1C0
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Iron	NC,MSB	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1C1
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1C2
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Lead	81	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1DJ
	79	(75 - 125)	2.4	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1DK
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Magnesium	92	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1C3
	81	(75 - 125)	3.4	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1C4
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1C5
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1C6
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Mercury	95	(11 - 192)			SW846 7471A	03/12-03/17/08	KJCPL1CG
	95	(11 - 192)	0.08	(0-20)	SW846 7471A	03/12-03/17/08	KJCPL1CH
		Dilution Factor: 1					
		Analysis Time..: 12:30			Instrument ID..: H1	Analyst ID.....: 001576	
Nickel	90	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1C7
	83	(75 - 125)	5.4	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1C8
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Potassium	95	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1C9
	90	(75 - 125)	4.3	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1DA
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	74	(39 - 116)			SW846 6020	03/12-03/14/08	KJCPL1A7
	78	(39 - 116)	4.0	(0-20)	SW846 6020	03/12-03/14/08	KJCPL1A8
		Dilution Factor: 1					
		Analysis Time..: 15:45			Instrument ID..: I8	Analyst ID.....: 002260	
Silver	66 N	(75 - 125)			SW846 6020	03/12-03/14/08	KJCPL1A9
	73 N	(75 - 125)	9.1	(0-20)	SW846 6020	03/12-03/14/08	KJCPL1CA
		Dilution Factor: 1					
		Analysis Time..: 15:45			Instrument ID..: I8	Analyst ID.....: 002260	
Sodium	85	(75 - 125)			SW846 6010B	03/12-03/17/08	KJCPL1DC
	82	(75 - 125)	2.9	(0-20)	SW846 6010B	03/12-03/17/08	KJCPL1DD
		Dilution Factor: 1					
		Analysis Time..: 15:36			Instrument ID..: I5	Analyst ID.....: 001644	
Thallium	74	(62 - 110)			SW846 6020	03/12-03/14/08	KJCPL1CC
	82	(62 - 110)	9.5	(0-20)	SW846 6020	03/12-03/14/08	KJCPL1CD
		Dilution Factor: 1					
		Analysis Time..: 15:45			Instrument ID..: I8	Analyst ID.....: 002260	
Vanadium	90	(75 - 125)			SW846 6010B	03/12-03/14/08	KJCPL1DE
	86	(75 - 125)	3.0	(0-20)	SW846 6010B	03/12-03/14/08	KJCPL1DF
		Dilution Factor: 1					
		Analysis Time..: 10:30			Instrument ID..: I5	Analyst ID.....: 001637	
Zinc	109	(10 - 199)			SW846 6020	03/12-03/14/08	KJCPL1CE
	131	(10 - 199)	5.3	(0-20)	SW846 6020	03/12-03/14/08	KJCPL1CF
		Dilution Factor: 1					
		Analysis Time..: 15:45			Instrument ID..: I8	Analyst ID.....: 002260	

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C120185-001 **Prep Batch #...:** 8073029									
Aluminum									
	3190	227	3960	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1C6
			Qualifiers: NC,MSB						
	3190	227	4920	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1C7
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 04:18	Instrument ID..: I5			Analyst ID.....: 001887		
Antimony									
	0.063	11.4	4.2 N	mg/kg	36		SW846 6020	03/13-03/14/08	KJEXT1D8
	0.063	11.4	3.9 N	mg/kg	34	7.4	SW846 6020	03/13-03/14/08	KJEXT1D9
			Dilution Factor: 1						
			Analysis Time..: 14:05	Instrument ID..: I8			Analyst ID.....: 002260		
Arsenic									
	6.0	11.4	14.5	mg/kg	75		SW846 6020	03/13-03/14/08	KJEXT1CA
	6.0	11.4	13.0	mg/kg	61	11	SW846 6020	03/13-03/14/08	KJEXT1CC
			Dilution Factor: 1						
			Analysis Time..: 14:05	Instrument ID..: I8			Analyst ID.....: 002260		
Barium									
	26.0	227	234	mg/kg	92		SW846 6010B	03/13-03/14/08	KJEXT1C8
	26.0	227	241	mg/kg	94	2.6	SW846 6010B	03/13-03/14/08	KJEXT1C9
			Dilution Factor: 1						
			Analysis Time..: 04:18	Instrument ID..: I5			Analyst ID.....: 001887		
Beryllium									
	0.20	5.7	5.2	mg/kg	88		SW846 6010B	03/13-03/14/08	KJEXT1DA
	0.20	5.7	5.2	mg/kg	88	0.01	SW846 6010B	03/13-03/14/08	KJEXT1DC
			Dilution Factor: 1						
			Analysis Time..: 04:18	Instrument ID..: I5			Analyst ID.....: 001887		
Cadmium									
	0.30	5.7	5.0	mg/kg	83		SW846 6010B	03/13-03/14/08	KJEXT1DD
	0.30	5.7	5.0	mg/kg	82	0.23	SW846 6010B	03/13-03/14/08	KJEXT1DE
			Dilution Factor: 1						
			Analysis Time..: 04:18	Instrument ID..: I5			Analyst ID.....: 001887		
Calcium									
	75200	5680	95900	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1DF
			Qualifiers: NC,MSB						
	75200	5680	96000	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1DG
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 08:47	Instrument ID..: I5			Analyst ID.....: 001887		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	6.5	22.7	26.3	mg/kg	87		SW846 6010B	03/13-03/14/08	KJEXT1D4
	6.5	22.7	27.7	mg/kg	93	5.3	SW846 6010B	03/13-03/14/08	KJEXT1D5
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Cobalt									
	4.4	56.8	52.7	mg/kg	85		SW846 6010B	03/13-03/14/08	KJEXT1DH
	4.4	56.8	53.1	mg/kg	86	0.59	SW846 6010B	03/13-03/14/08	KJEXT1DJ
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Copper									
	18.2	28.4	42.9	mg/kg	87		SW846 6010B	03/13-03/14/08	KJEXT1DK
	18.2	28.4	43.8	mg/kg	90	2.0	SW846 6010B	03/13-03/14/08	KJEXT1DL
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Iron									
	9560	114	10800	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1DM
			Qualifiers: NC,MSB						
	9560	114	12500	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1DN
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Lead									
	6.1	56.8	53.8	mg/kg	84		SW846 6010B	03/13-03/14/08	KJEXT1D6
	6.1	56.8	54.1	mg/kg	85	0.52	SW846 6010B	03/13-03/14/08	KJEXT1D7
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Magnesium									
	10900	5680	17300	mg/kg	112		SW846 6010B	03/13-03/14/08	KJEXT1DP
	10900	5680	18900 N	mg/kg	140	8.7	SW846 6010B	03/13-03/14/08	KJEXT1DQ
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Manganese									
	286	56.8	401	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1DR
			Qualifiers: NC,MSB						
	286	56.8	479	mg/kg			SW846 6010B	03/13-03/14/08	KJEXT1DT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.19	0.21	mg/kg	111		SW846 7471A	03/13-03/17/08	KJEXT1C4
	ND	0.19	0.21	mg/kg	111	0.18	SW846 7471A	03/13-03/17/08	KJEXT1C5
			Dilution Factor: 1						
			Analysis Time..: 11:24		Instrument ID..: H1			Analyst ID.....: 001576	
Nickel									
	11.5	56.8	58.5	mg/kg	83		SW846 6010B	03/13-03/14/08	KJEXT1DU
	11.5	56.8	59.1	mg/kg	84	1.0	SW846 6010B	03/13-03/14/08	KJEXT1DV
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Potassium									
	819	5680	5840	mg/kg	88		SW846 6010B	03/13-03/14/08	KJEXT1DW
	819	5680	6070	mg/kg	92	3.8	SW846 6010B	03/13-03/14/08	KJEXT1DX
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Selenium									
	0.48	11.4	10.1	mg/kg	84		SW846 6020	03/13-03/14/08	KJEXT1CD
	0.48	11.4	10	mg/kg	83	1.0	SW846 6020	03/13-03/14/08	KJEXT1CE
			Dilution Factor: 1						
			Analysis Time..: 14:05		Instrument ID..: I8			Analyst ID.....: 002260	
Silver									
	0.024	11.4	8.5 N	mg/kg	74		SW846 6020	03/13-03/14/08	KJEXT1CF
	0.024	11.4	8.6	mg/kg	75	1.5	SW846 6020	03/13-03/14/08	KJEXT1CG
			Dilution Factor: 1						
			Analysis Time..: 14:05		Instrument ID..: I8			Analyst ID.....: 002260	
Sodium									
	85.3	5680	4940	mg/kg	86		SW846 6010B	03/13-03/14/08	KJEXT1D0
	85.3	5680	4910	mg/kg	85	0.67	SW846 6010B	03/13-03/14/08	KJEXT1D1
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Thallium									
	0.19	11.4	9.9	mg/kg	85		SW846 6020	03/13-03/14/08	KJEXT1CH
	0.19	11.4	9.5	mg/kg	81	4.2	SW846 6020	03/13-03/14/08	KJEXT1CJ
			Dilution Factor: 1						
			Analysis Time..: 14:05		Instrument ID..: I8			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	10.1	56.8	59.8	mg/kg	87		SW846 6010B	03/13-03/14/08	KJEXT1D2
	10.1	56.8	62.4	mg/kg	92	4.3	SW846 6010B	03/13-03/14/08	KJEXT1D3
			Dilution Factor: 1						
			Analysis Time..: 04:18		Instrument ID..: I5			Analyst ID.....: 001887	
Zinc									
	34.7	11.4	39.7	mg/kg	44		SW846 6020	03/13-03/14/08	KJEXT1CK
	34.7	11.4	42.6	mg/kg	69	7.0	SW846 6020	03/13-03/14/08	KJEXT1CL
			Dilution Factor: 1						
			Analysis Time..: 14:05		Instrument ID..: I8			Analyst ID.....: 002260	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C120185-001 **Prep Batch #...:** 8073029							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1C6
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1C7
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Antimony	36 N	(75 - 125)			SW846 6020	03/13-03/14/08	KJEXT1D8
	34 N	(75 - 125)	7.4	(0-20)	SW846 6020	03/13-03/14/08	KJEXT1D9
		Dilution Factor: 1					
		Analysis Time..: 14:05			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	75	(23 - 131)			SW846 6020	03/13-03/14/08	KJEXT1CA
	61	(23 - 131)	11	(0-20)	SW846 6020	03/13-03/14/08	KJEXT1CC
		Dilution Factor: 1					
		Analysis Time..: 14:05			Instrument ID..: I8	Analyst ID.....: 002260	
Barium	92	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1C8
	94	(75 - 125)	2.6	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1C9
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Beryllium	88	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DA
	88	(75 - 125)	0.01	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DC
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Cadmium	83	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DD
	82	(75 - 125)	0.23	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DE
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DF
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DG
		Dilution Factor: 5					
		Analysis Time..: 08:47			Instrument ID..: I5	Analyst ID.....: 001887	
Chromium	87	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1D4
	93	(75 - 125)	5.3	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1D5
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	85	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DH
	86	(75 - 125)	0.59	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DJ
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Copper	87	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DK
	90	(75 - 125)	2.0	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DL
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Iron	NC,MSB	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DN
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Lead	84	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1D6
	85	(75 - 125)	0.52	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1D7
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Magnesium	112	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DP
	140 N	(75 - 125)	8.7	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DQ
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DR
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DT
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Mercury	111	(11 - 192)			SW846 7471A	03/13-03/17/08	KJEXT1C4
	111	(11 - 192)	0.18	(0-20)	SW846 7471A	03/13-03/17/08	KJEXT1C5
		Dilution Factor: 1					
		Analysis Time..: 11:24			Instrument ID..: H1	Analyst ID.....: 001576	
Nickel	83	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DU
	84	(75 - 125)	1.0	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DV
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Potassium	88	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1DW
	92	(75 - 125)	3.8	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1DX
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	84	(39 - 116)			SW846 6020	03/13-03/14/08	KJEXT1CD
	83	(39 - 116)	1.0	(0-20)	SW846 6020	03/13-03/14/08	KJEXT1CE
		Dilution Factor: 1					
		Analysis Time..: 14:05			Instrument ID..: I8	Analyst ID.....: 002260	
Silver	74 N	(75 - 125)			SW846 6020	03/13-03/14/08	KJEXT1CF
	75	(75 - 125)	1.5	(0-20)	SW846 6020	03/13-03/14/08	KJEXT1CG
		Dilution Factor: 1					
		Analysis Time..: 14:05			Instrument ID..: I8	Analyst ID.....: 002260	
Sodium	86	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1D0
	85	(75 - 125)	0.67	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1D1
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Thallium	85	(62 - 110)			SW846 6020	03/13-03/14/08	KJEXT1CH
	81	(62 - 110)	4.2	(0-20)	SW846 6020	03/13-03/14/08	KJEXT1CJ
		Dilution Factor: 1					
		Analysis Time..: 14:05			Instrument ID..: I8	Analyst ID.....: 002260	
Vanadium	87	(75 - 125)			SW846 6010B	03/13-03/14/08	KJEXT1D2
	92	(75 - 125)	4.3	(0-20)	SW846 6010B	03/13-03/14/08	KJEXT1D3
		Dilution Factor: 1					
		Analysis Time..: 04:18			Instrument ID..: I5	Analyst ID.....: 001887	
Zinc	44	(10 - 199)			SW846 6020	03/13-03/14/08	KJEXT1CK
	69	(10 - 199)	7.0	(0-20)	SW846 6020	03/13-03/14/08	KJEXT1CL
		Dilution Factor: 1					
		Analysis Time..: 14:05			Instrument ID..: I8	Analyst ID.....: 002260	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C130160-005 **Prep Batch #...:** 8074028									
Aluminum									
	6190	226	5950	mg/kg			SW846 6010B	03/14-03/17/08	KJG3W1CK
			Qualifiers: NC,MSB						
	6190	226	8430	mg/kg			SW846 6010B	03/14-03/17/08	KJG3W1CL
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Antimony									
	0.072	11.3	2.5 N	mg/kg	22		SW846 6020	03/14/08	KJG3W1D6
	0.072	11.3	2.6 N	mg/kg	22	0.97	SW846 6020	03/14/08	KJG3W1D7
			Dilution Factor: 1						
			Analysis Time..: 18:14		Instrument ID..: I8			Analyst ID.....: 002260	
Arsenic									
	3.8	11.3	12.4	mg/kg	77		SW846 6020	03/14/08	KJG3W1AC
	3.8	11.3	12.0	mg/kg	73	3.8	SW846 6020	03/14/08	KJG3W1AD
			Dilution Factor: 1						
			Analysis Time..: 18:14		Instrument ID..: I8			Analyst ID.....: 002260	
Barium									
	38.7	226	247	mg/kg	92		SW846 6010B	03/14-03/17/08	KJG3W1CN
	38.7	226	259	mg/kg	98	4.9	SW846 6010B	03/14-03/17/08	KJG3W1CP
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Beryllium									
	0.44	5.6	5.3	mg/kg	86		SW846 6010B	03/14-03/17/08	KJG3W1CR
	0.44	5.6	5.5	mg/kg	89	3.0	SW846 6010B	03/14-03/17/08	KJG3W1CT
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Cadmium									
	0.17	5.6	4.7	mg/kg	81		SW846 6010B	03/14-03/17/08	KJG3W1CV
	0.17	5.6	4.7	mg/kg	81	0.39	SW846 6010B	03/14-03/17/08	KJG3W1CW
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Calcium									
	63200	5640	147000	mg/kg			SW846 6010B	03/14-03/18/08	KJG3W1C0
			Qualifiers: NC,MSB						
	63200	5640	79300	mg/kg			SW846 6010B	03/14-03/18/08	KJG3W1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 03:11		Instrument ID..: I5			Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	10.2	22.6	27.9	mg/kg	78		SW846 6010B	03/14-03/17/08	KJG3W1D0
	10.2	22.6	30.7	mg/kg	91	9.7	SW846 6010B	03/14-03/17/08	KJG3W1D1
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5		Analyst ID.....: 001644		
Cobalt									
	6.0	56.4	51.2	mg/kg	80		SW846 6010B	03/14-03/17/08	KJG3W1C3
	6.0	56.4	53.4	mg/kg	84	4.2	SW846 6010B	03/14-03/17/08	KJG3W1C4
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5		Analyst ID.....: 001644		
Copper									
	17.5	28.2	40.5	mg/kg	81		SW846 6010B	03/14-03/17/08	KJG3W1C6
	17.5	28.2	45.9	mg/kg	101	12	SW846 6010B	03/14-03/17/08	KJG3W1C7
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5		Analyst ID.....: 001644		
Iron									
	12400	113	10200	mg/kg			SW846 6010B	03/14-03/18/08	KJG3W1C9
			Qualifiers: NC,MSB						
	12400	113	14300	mg/kg			SW846 6010B	03/14-03/18/08	KJG3W1DA
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 03:11		Instrument ID..: I5		Analyst ID.....: 001644		
Lead									
	6.4	56.4	48.7	mg/kg	75		SW846 6010B	03/14-03/17/08	KJG3W1D3
	6.4	56.4	51.9	mg/kg	81	6.3	SW846 6010B	03/14-03/17/08	KJG3W1D4
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5		Analyst ID.....: 001644		
Magnesium									
	9690	5640	12600 N	mg/kg	51		SW846 6010B	03/14-03/17/08	KJG3W1DD
	9690	5640	14400	mg/kg	84	14	SW846 6010B	03/14-03/17/08	KJG3W1DE
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5		Analyst ID.....: 001644		
Manganese									
	331	56.4	385	mg/kg			SW846 6010B	03/14-03/17/08	KJG3W1DG
			Qualifiers: NC,MSB						
	331	56.4	427	mg/kg			SW846 6010B	03/14-03/17/08	KJG3W1DH
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5		Analyst ID.....: 001644		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	0.19	0.19	mg/kg	103		SW846 7471A	03/14-03/17/08	KJG3W1CG
	ND	0.19	0.21	mg/kg	111	7.8	SW846 7471A	03/14-03/17/08	KJG3W1CH
			Dilution Factor: 1						
			Analysis Time..: 13:31		Instrument ID..: H1			Analyst ID.....: 001576	
Nickel									
	15.8	56.4	59.1	mg/kg	77		SW846 6010B	03/14-03/17/08	KJG3W1DK
	15.8	56.4	64.0	mg/kg	86	8.0	SW846 6010B	03/14-03/17/08	KJG3W1DL
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Potassium									
	1210	5640	6490	mg/kg	94		SW846 6010B	03/14-03/17/08	KJG3W1DN
	1210	5640	6660	mg/kg	97	2.6	SW846 6010B	03/14-03/17/08	KJG3W1DP
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Selenium									
	0.43	11.3	8.6	mg/kg	73		SW846 6020	03/14/08	KJG3W1AF
	0.43	11.3	8.2	mg/kg	69	5.2	SW846 6020	03/14/08	KJG3W1AG
			Dilution Factor: 1						
			Analysis Time..: 18:14		Instrument ID..: I8			Analyst ID.....: 002260	
Silver									
	ND	11.3	8.4	mg/kg	75		SW846 6020	03/14/08	KJG3W1AJ
	ND	11.3	8.0 N	mg/kg	71	4.8	SW846 6020	03/14/08	KJG3W1AK
			Dilution Factor: 1						
			Analysis Time..: 18:14		Instrument ID..: I8			Analyst ID.....: 002260	
Sodium									
	106	5640	5100	mg/kg	89		SW846 6010B	03/14-03/17/08	KJG3W1DR
	106	5640	4880	mg/kg	85	4.4	SW846 6010B	03/14-03/17/08	KJG3W1DT
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Thallium									
	0.16	11.3	10.1	mg/kg	88		SW846 6020	03/14/08	KJG3W1AM
	0.16	11.3	9.5	mg/kg	83	5.8	SW846 6020	03/14/08	KJG3W1AN
			Dilution Factor: 1						
			Analysis Time..: 18:14		Instrument ID..: I8			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	14.7	56.4	59.3	mg/kg	79		SW846 6010B	03/14-03/17/08	KJG3W1DV
	14.7	56.4	64.9	mg/kg	89	9.0	SW846 6010B	03/14-03/17/08	KJG3W1DW
			Dilution Factor: 1						
			Analysis Time..: 18:55		Instrument ID..: I5			Analyst ID.....: 001644	
Zinc									
	33.8	11.3	48.1	mg/kg	127		SW846 6020	03/14/08	KJG3W1AQ
	33.8	11.3	48.2	mg/kg	128	0.28	SW846 6020	03/14/08	KJG3W1AR
			Dilution Factor: 1						
			Analysis Time..: 18:14		Instrument ID..: I8			Analyst ID.....: 002260	

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C130160-005 **Prep Batch #...:** 8074028							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1CK
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1CL
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Antimony	22 N	(75 - 125)			SW846 6020	03/14/08	KJG3W1D6
	22 N	(75 - 125)	0.97	(0-20)	SW846 6020	03/14/08	KJG3W1D7
		Dilution Factor: 1					
		Analysis Time..: 18:14			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	77	(23 - 131)			SW846 6020	03/14/08	KJG3W1AC
	73	(23 - 131)	3.8	(0-20)	SW846 6020	03/14/08	KJG3W1AD
		Dilution Factor: 1					
		Analysis Time..: 18:14			Instrument ID..: I8	Analyst ID.....: 002260	
Barium	92	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1CN
	98	(75 - 125)	4.9	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1CP
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Beryllium	86	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1CR
	89	(75 - 125)	3.0	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1CT
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Cadmium	81	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1CV
	81	(75 - 125)	0.39	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1CW
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Calcium	NC,MSB	(75 - 125)			SW846 6010B	03/14-03/18/08	KJG3W1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/14-03/18/08	KJG3W1C1
		Dilution Factor: 5					
		Analysis Time..: 03:11			Instrument ID..: I5	Analyst ID.....: 001644	
Chromium	78	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1D0
	91	(75 - 125)	9.7	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1D1
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	80	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1C3
	84	(75 - 125)	4.2	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1C4
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Copper	81	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1C6
	101	(75 - 125)	12	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1C7
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Iron	NC,MSB	(75 - 125)			SW846 6010B	03/14-03/18/08	KJG3W1C9
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/14-03/18/08	KJG3W1DA
		Dilution Factor: 5					
		Analysis Time..: 03:11			Instrument ID..: I5	Analyst ID.....: 001644	
Lead	75	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1D3
	81	(75 - 125)	6.3	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1D4
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Magnesium	51 N	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1DD
	84	(75 - 125)	14	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1DE
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1DG
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1DH
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Mercury	103	(11 - 192)			SW846 7471A	03/14-03/17/08	KJG3W1CG
	111	(11 - 192)	7.8	(0-20)	SW846 7471A	03/14-03/17/08	KJG3W1CH
		Dilution Factor: 1					
		Analysis Time..: 13:31			Instrument ID..: H1	Analyst ID.....: 001576	
Nickel	77	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1DK
	86	(75 - 125)	8.0	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1DL
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Potassium	94	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1DN
	97	(75 - 125)	2.6	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1DP
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	73	(39 - 116)			SW846 6020	03/14/08	KJG3W1AF
	69	(39 - 116)	5.2	(0-20)	SW846 6020	03/14/08	KJG3W1AG
		Dilution Factor: 1					
		Analysis Time..: 18:14			Instrument ID..: I8	Analyst ID.....: 002260	
Silver	75	(75 - 125)			SW846 6020	03/14/08	KJG3W1AJ
	71 N	(75 - 125)	4.8	(0-20)	SW846 6020	03/14/08	KJG3W1AK
		Dilution Factor: 1					
		Analysis Time..: 18:14			Instrument ID..: I8	Analyst ID.....: 002260	
Sodium	89	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1DR
	85	(75 - 125)	4.4	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1DT
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Thallium	88	(62 - 110)			SW846 6020	03/14/08	KJG3W1AM
	83	(62 - 110)	5.8	(0-20)	SW846 6020	03/14/08	KJG3W1AN
		Dilution Factor: 1					
		Analysis Time..: 18:14			Instrument ID..: I8	Analyst ID.....: 002260	
Vanadium	79	(75 - 125)			SW846 6010B	03/14-03/17/08	KJG3W1DV
	89	(75 - 125)	9.0	(0-20)	SW846 6010B	03/14-03/17/08	KJG3W1DW
		Dilution Factor: 1					
		Analysis Time..: 18:55			Instrument ID..: I5	Analyst ID.....: 001644	
Zinc	127	(10 - 199)			SW846 6020	03/14/08	KJG3W1AQ
	128	(10 - 199)	0.28	(0-20)	SW846 6020	03/14/08	KJG3W1AR
		Dilution Factor: 1					
		Analysis Time..: 18:14			Instrument ID..: I8	Analyst ID.....: 002260	

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C150172-001 **Prep Batch #...:** 8077030									
Aluminum									
	14700	242	9390	mg/kg			SW846 6010B	03/17-03/18/08	KJNQM1CD
			Qualifiers: NC,MSB						
	14700	242	14000	mg/kg			SW846 6010B	03/17-03/18/08	KJNQM1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:18	Instrument ID..: I6			Analyst ID.....: 001887		
Antimony									
	0.12	12.1	5.1 N	mg/kg	41		SW846 6020	03/17-03/18/08	KJNQM1DF
	0.12	12.1	4.9 N	mg/kg	39	4.2	SW846 6020	03/17-03/18/08	KJNQM1DG
			Dilution Factor: 1						
			Analysis Time..: 09:56	Instrument ID..: I8			Analyst ID.....: 002260		
Arsenic									
	12.1	12.1	15.9	mg/kg	32		SW846 6020	03/17-03/18/08	KJNQM1DH
	12.1	12.1	16.1	mg/kg	33	0.83	SW846 6020	03/17-03/18/08	KJNQM1DJ
			Dilution Factor: 1						
			Analysis Time..: 09:56	Instrument ID..: I8			Analyst ID.....: 002260		
Barium									
	55.8	242	247	mg/kg	79		SW846 6010B	03/17-03/18/08	KJNQM1CF
	55.8	242	269	mg/kg	88	8.6	SW846 6010B	03/17-03/18/08	KJNQM1CG
			Dilution Factor: 1						
			Analysis Time..: 03:18	Instrument ID..: I6			Analyst ID.....: 001887		
Beryllium									
	0.24	6.1	4.9	mg/kg	78		SW846 6010B	03/17-03/18/08	KJNQM1CH
	0.24	6.1	5.2	mg/kg	82	5.6	SW846 6010B	03/17-03/18/08	KJNQM1CJ
			Dilution Factor: 1						
			Analysis Time..: 03:18	Instrument ID..: I6			Analyst ID.....: 001887		
Cadmium									
	0.075	6.1	5.0	mg/kg	82		SW846 6010B	03/17-03/18/08	KJNQM1CK
	0.075	6.1	5.1	mg/kg	83	1.4	SW846 6010B	03/17-03/18/08	KJNQM1CL
			Dilution Factor: 1						
			Analysis Time..: 03:18	Instrument ID..: I6			Analyst ID.....: 001887		
Calcium									
	4350	6060	7380 N	mg/kg	50		SW846 6010B	03/17-03/18/08	KJNQM1CM
	4350	6060	7350 N	mg/kg	50	0.39	SW846 6010B	03/17-03/18/08	KJNQM1CN
			Dilution Factor: 1						
			Analysis Time..: 15:17	Instrument ID..: I6			Analyst ID.....: 001637		

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	23.6	24.2	33.8 N	mg/kg	42		SW846 6010B	03/17-03/18/08	KJNQM1DA
	23.6	24.2	39.8 N	mg/kg	67	16	SW846 6010B	03/17-03/18/08	KJNQM1DC
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Cobalt									
	15.0	60.6	58.8 N	mg/kg	72		SW846 6010B	03/17-03/18/08	KJNQM1CP
	15.0	60.6	61.1	mg/kg	76	3.9	SW846 6010B	03/17-03/18/08	KJNQM1CQ
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Copper									
	48.9	30.3	53.1 N	mg/kg	14		SW846 6010B	03/17-03/18/08	KJNQM1CR
	48.9	30.3	56.1 N	mg/kg	24	5.6	SW846 6010B	03/17-03/18/08	KJNQM1CT
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Iron									
	34200	121	18800	mg/kg			SW846 6010B	03/17-03/18/08	KJNQM1CU
			Qualifiers: NC,MSB						
	34200	121	25400	mg/kg			SW846 6010B	03/17-03/18/08	KJNQM1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Lead									
	18.0	60.6	60.1 N	mg/kg	69		SW846 6010B	03/17-03/18/08	KJNQM1DD
	18.0	60.6	62.7 N	mg/kg	74	4.4	SW846 6010B	03/17-03/18/08	KJNQM1DE
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Magnesium									
	4460	6060	7180 N	mg/kg	45		SW846 6010B	03/17-03/18/08	KJNQM1CW
	4460	6060	8260 N	mg/kg	63	14	SW846 6010B	03/17-03/18/08	KJNQM1CX
			Dilution Factor: 1						
			Analysis Time..: 15:17		Instrument ID..: I6			Analyst ID.....: 001637	
Manganese									
	923	60.6	467	mg/kg			SW846 6010B	03/17-03/18/08	KJNQM1C0
			Qualifiers: NC,MSB						
	923	60.6	617	mg/kg			SW846 6010B	03/17-03/18/08	KJNQM1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	0.028	0.20	0.23	mg/kg	102		SW846 7471A	03/17/08	KJNQM1CA
	0.028	0.20	0.22	mg/kg	94	7.0	SW846 7471A	03/17/08	KJNQM1CC
			Dilution Factor: 1						
			Analysis Time..: 16:18		Instrument ID..: H1			Analyst ID.....: 001576	
Nickel									
	40.0	60.6	72.8 N	mg/kg	54		SW846 6010B	03/17-03/18/08	KJNQM1C2
	40.0	60.6	81.0 N	mg/kg	68	11	SW846 6010B	03/17-03/18/08	KJNQM1C3
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Potassium									
	1710	6060	6310	mg/kg	76		SW846 6010B	03/17-03/18/08	KJNQM1C4
	1710	6060	6840	mg/kg	85	8.1	SW846 6010B	03/17-03/18/08	KJNQM1C5
			Dilution Factor: 1						
			Analysis Time..: 15:17		Instrument ID..: I6			Analyst ID.....: 001637	
Selenium									
	1.6	12.1	10.2	mg/kg	71		SW846 6020	03/17-03/18/08	KJNQM1DK
	1.6	12.1	10.8	mg/kg	76	5.4	SW846 6020	03/17-03/18/08	KJNQM1DL
			Dilution Factor: 1						
			Analysis Time..: 09:56		Instrument ID..: I8			Analyst ID.....: 002260	
Silver									
	0.042	12.1	10.5	mg/kg	87		SW846 6020	03/17-03/18/08	KJNQM1DM
	0.042	12.1	10.7	mg/kg	88	1.8	SW846 6020	03/17-03/18/08	KJNQM1DN
			Dilution Factor: 1						
			Analysis Time..: 09:56		Instrument ID..: I8			Analyst ID.....: 002260	
Sodium									
	709	6060	5290	mg/kg	76		SW846 6010B	03/17-03/18/08	KJNQM1C6
	709	6060	5390	mg/kg	77	2.0	SW846 6010B	03/17-03/18/08	KJNQM1C7
			Dilution Factor: 1						
			Analysis Time..: 15:17		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	0.42	12.1	10.7	mg/kg	85		SW846 6020	03/17-03/18/08	KJNQM1DP
	0.42	12.1	10.8	mg/kg	86	0.47	SW846 6020	03/17-03/18/08	KJNQM1DQ
			Dilution Factor: 1						
			Analysis Time..: 09:56		Instrument ID..: I8			Analyst ID.....: 002260	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium									
	36.2	60.6	71.3 N	mg/kg	58		SW846 6010B	03/17-03/18/08	KJNQM1C8
	36.2	60.6	78.7 N	mg/kg	70	9.9	SW846 6010B	03/17-03/18/08	KJNQM1C9
			Dilution Factor: 1						
			Analysis Time..: 03:18		Instrument ID..: I6			Analyst ID.....: 001887	
Zinc									
	92.1	12.1	55.5	mg/kg			SW846 6020	03/17-03/18/08	KJNQM1DR
			Qualifiers: NC,MSB						
	92.1	12.1	59.0	mg/kg			SW846 6020	03/17-03/18/08	KJNQM1DT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:56		Instrument ID..: I8			Analyst ID.....: 002260	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8C150172-001 **Prep Batch #...:** 8077030							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CE
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Antimony	41 N	(75 - 125)			SW846 6020	03/17-03/18/08	KJNQM1DF
	39 N	(75 - 125)	4.2	(0-20)	SW846 6020	03/17-03/18/08	KJNQM1DG
		Dilution Factor: 1					
		Analysis Time..: 09:56			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	32	(23 - 131)			SW846 6020	03/17-03/18/08	KJNQM1DH
	33	(23 - 131)	0.83	(0-20)	SW846 6020	03/17-03/18/08	KJNQM1DJ
		Dilution Factor: 1					
		Analysis Time..: 09:56			Instrument ID..: I8	Analyst ID.....: 002260	
Barium	79	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CF
	88	(75 - 125)	8.6	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CG
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Beryllium	78	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CH
	82	(75 - 125)	5.6	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CJ
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Cadmium	82	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CK
	83	(75 - 125)	1.4	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CL
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Calcium	50 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CM
	50 N	(75 - 125)	0.39	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CN
		Dilution Factor: 1					
		Analysis Time..: 15:17			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	42 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1DA
	67 N	(75 - 125)	16	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1DC
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	72 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CP
	76	(75 - 125)	3.9	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CQ
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Copper	14 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CR
	24 N	(75 - 125)	5.6	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CT
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Iron	NC,MSB	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CV
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Lead	69 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1DD
	74 N	(75 - 125)	4.4	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1DE
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Magnesium	45 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1CW
	63 N	(75 - 125)	14	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1CX
		Dilution Factor: 1					
		Analysis Time..: 15:17			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	NC,MSB	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1C1
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Mercury	102	(11 - 192)			SW846 7471A	03/17/08	KJNQM1CA
	94	(11 - 192)	7.0	(0-20)	SW846 7471A	03/17/08	KJNQM1CC
		Dilution Factor: 1					
		Analysis Time..: 16:18			Instrument ID..: H1	Analyst ID.....: 001576	
Nickel	54 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1C2
	68 N	(75 - 125)	11	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1C3
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Potassium	76	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1C4
	85	(75 - 125)	8.1	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1C5
		Dilution Factor: 1					
		Analysis Time..: 15:17			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	71	(39 - 116)			SW846 6020	03/17-03/18/08	KJNQM1DK
	76	(39 - 116)	5.4	(0-20)	SW846 6020	03/17-03/18/08	KJNQM1DL
		Dilution Factor: 1					
		Analysis Time..: 09:56			Instrument ID..: I8	Analyst ID.....: 002260	
Silver	87	(75 - 125)			SW846 6020	03/17-03/18/08	KJNQM1DM
	88	(75 - 125)	1.8	(0-20)	SW846 6020	03/17-03/18/08	KJNQM1DN
		Dilution Factor: 1					
		Analysis Time..: 09:56			Instrument ID..: I8	Analyst ID.....: 002260	
Sodium	76	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1C6
	77	(75 - 125)	2.0	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1C7
		Dilution Factor: 1					
		Analysis Time..: 15:17			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	85	(62 - 110)			SW846 6020	03/17-03/18/08	KJNQM1DP
	86	(62 - 110)	0.47	(0-20)	SW846 6020	03/17-03/18/08	KJNQM1DQ
		Dilution Factor: 1					
		Analysis Time..: 09:56			Instrument ID..: I8	Analyst ID.....: 002260	
Vanadium	58 N	(75 - 125)			SW846 6010B	03/17-03/18/08	KJNQM1C8
	70 N	(75 - 125)	9.9	(0-20)	SW846 6010B	03/17-03/18/08	KJNQM1C9
		Dilution Factor: 1					
		Analysis Time..: 03:18			Instrument ID..: I6	Analyst ID.....: 001887	
Zinc	NC,MSB	(10 - 199)			SW846 6020	03/17-03/18/08	KJNQM1DR
	NC,MSB	(10 - 199)		(0-20)	SW846 6020	03/17-03/18/08	KJNQM1DT
		Dilution Factor: 1					
		Analysis Time..: 09:56			Instrument ID..: I8	Analyst ID.....: 002260	

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

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GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-001

General Chemistry

Lot-Sample #...: A8C110158-001 **Work Order #...:** KJCPC **Matrix.....:** SO
Date Sampled...: 03/06/08 14:15 **Date Received..:** 03/11/08
% Moisture.....: 9.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.52 B,J**	**0.88**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.23		
Percent Solids	**90.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077349**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-002

General Chemistry

Lot-Sample #...: A8C110158-002 **Work Order #...:** KJCPE **Matrix.....:** SO
Date Sampled...: 03/06/08 14:17 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.38 B,J**	**0.91**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.24		
Percent Solids	**87.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077349**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-001

General Chemistry

Lot-Sample #...: A8C110158-003 **Work Order #...:** KJCPF **Matrix.....:** SO
Date Sampled...: 03/07/08 08:15 **Date Received..:** 03/11/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077349**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-002

General Chemistry

Lot-Sample #...: A8C110158-004 **Work Order #...:** KJCPJ **Matrix.....:** SO
Date Sampled...: 03/07/08 08:17 **Date Received..:** 03/11/08
% Moisture.....: 23

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	1.0	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.27		
Percent Solids	**77.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077349**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-003

General Chemistry

Lot-Sample #...: A8C110158-005 **Work Order #...:** KJCPL **Matrix.....:** SO
Date Sampled...: 03/07/08 09:00 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.66 B,J**	**0.94**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.25		
Percent Solids	**85.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077349**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-004

General Chemistry

Lot-Sample #...: A8C110158-006 **Work Order #...:** KJCPM **Matrix.....:** SO
Date Sampled...: 03/07/08 09:20 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.33 B,J**	**0.93**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.24		
Percent Solids	**85.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077349**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-005

General Chemistry

Lot-Sample #...: A8C110158-007 **Work Order #...:** KJCPN **Matrix.....:** SO
Date Sampled...: 03/07/08 09:22 **Date Received..:** 03/11/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.26 B,J**	**0.89**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.23		
Percent Solids	**89.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-006

General Chemistry

Lot-Sample #...: A8C110158-008 **Work Order #...:** KJCPP **Matrix.....:** SO
Date Sampled...: 03/07/08 10:50 **Date Received..:** 03/11/08
% Moisture.....: 8.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.25 B,J**	**0.87**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.23		
Percent Solids	**91.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-007

General Chemistry

Lot-Sample #...: A8C110158-009 **Work Order #...:** KJCPQ **Matrix.....:** SO
Date Sampled...: 03/07/08 10:52 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.91	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-008

General Chemistry

Lot-Sample #...: A8C110158-010 **Work Order #...:** KJCPR **Matrix.....:** SO
Date Sampled...: 03/07/08 11:15 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.28 B,J**	**0.94**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.25		
Percent Solids	**85.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-009

General Chemistry

Lot-Sample #...: A8C110158-011 **Work Order #...:** KJCPT **Matrix.....:** SO
Date Sampled...: 03/07/08 11:17 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.56 B,J**	**0.91**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.24		
Percent Solids	**87.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-010

General Chemistry

Lot-Sample #...: A8C110158-012 **Work Order #...:** KJCPV **Matrix.....:** SO
Date Sampled...: 03/07/08 13:00 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.93	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**85.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-011

General Chemistry

Lot-Sample #...: A8C110158-013 **Work Order #...:** KJCPW **Matrix.....:** SO
Date Sampled...: 03/07/08 13:02 **Date Received..:** 03/11/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-012

General Chemistry

Lot-Sample #...: A8C110158-014 **Work Order #...:** KJCPX **Matrix.....:** SO
Date Sampled...: 03/07/08 13:45 **Date Received..:** 03/11/08
% Moisture.....: 3.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.83	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**96.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-013

General Chemistry

Lot-Sample #...: A8C110158-015 **Work Order #...:** KJCP0 **Matrix.....:** SO
Date Sampled...: 03/07/08 13:47 **Date Received..:** 03/11/08
% Moisture.....: 9.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.88	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-014

General Chemistry

Lot-Sample #...: A8C110158-016 **Work Order #...:** KJCP1 **Matrix.....:** SO
Date Sampled...: 03/07/08 14:35 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.54 B,J**	**0.91**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
	Dilution Factor: 1			MDL.....: 0.24		
Percent Solids	**87.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
	Dilution Factor: 1			MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030708-MC-015

General Chemistry

Lot-Sample #...: A8C110158-017 **Work Order #...:** KJCP2 **Matrix.....:** SO
Date Sampled...: 03/07/08 14:37 **Date Received..:** 03/11/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.90	mg/kg	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-003

General Chemistry

Lot-Sample #...: A8C110158-018 **Work Order #...:** KJCP3 **Matrix.....:** SO
Date Sampled...: 03/06/08 15:00 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	**0.29 B,J**	**0.95**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-030608-MC-004

General Chemistry

Lot-Sample #...: A8C110158-019 **Work Order #...:** KJCP4 **Matrix.....:** SO
Date Sampled...: 03/06/08 15:02 **Date Received..:** 03/11/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	ND	0.91	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077350**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-003

General Chemistry

Lot-Sample #...: A8C110158-025 **Work Order #...:** KJCQA **Matrix.....:** SO
Date Sampled...: 03/10/08 11:00 **Date Received..:** 03/11/08
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.94	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/11-03/12/08**	**8071361**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-005

General Chemistry

Lot-Sample #...: A8C110158-026 **Work Order #...:** KJCQD **Matrix.....:** SO
Date Sampled...: 03/10/08 11:40 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.93	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/11-03/12/08**	**8071361**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-007

General Chemistry

Lot-Sample #...: A8C110158-027 **Work Order #...:** KJCQF **Matrix.....:** SO
Date Sampled...: 03/10/08 12:35 **Date Received..:** 03/11/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.90	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/11-03/12/08**	**8071361**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-009

General Chemistry

Lot-Sample #...: A8C110158-028 **Work Order #...:** KJCQG **Matrix.....:** SO
Date Sampled...: 03/10/08 14:10 **Date Received..:** 03/11/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.90	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**89.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/11-03/12/08**	**8071361**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031008-CB-012

General Chemistry

Lot-Sample #...: A8C110158-029 **Work Order #...:** KJCQH **Matrix.....:** SO
Date Sampled...: 03/10/08 15:20 **Date Received..:** 03/11/08
% Moisture.....: 9.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.88	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/11-03/12/08**	**8071361**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-015

General Chemistry

Lot-Sample #...: A8C120185-001 **Work Order #...:** KJEXT **Matrix.....:** SO
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.91	mg/kg	SW846 7196A	03/13/08	8073354
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-018

General Chemistry

Lot-Sample #...: A8C120185-002 **Work Order #...:** KJE0K **Matrix.....:** SO
Date Sampled...: 03/11/08 12:05 **Date Received..:** 03/12/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.0**	**0.90**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**89.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-020

General Chemistry

Lot-Sample #...: A8C120185-003 **Work Order #...:** KJE0P **Matrix.....:** SO
Date Sampled...: 03/11/08 13:30 **Date Received..:** 03/12/08
% Moisture.....: 9.6

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.1**	**0.89**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-021

General Chemistry

Lot-Sample #...: A8C120185-004 **Work Order #...:** KJE0T **Matrix.....:** SO
Date Sampled...: 03/11/08 13:40 **Date Received..:** 03/12/08
% Moisture.....: 9.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.27 B**	**0.88**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-023

General Chemistry

Lot-Sample #...: A8C120185-005 **Work Order #...:** KJE01 **Matrix.....:** SO
Date Sampled...: 03/11/08 14:15 **Date Received..:** 03/12/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.2**	**0.91**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-024

General Chemistry

Lot-Sample #...: A8C120185-006 **Work Order #...:** KJE02 **Matrix.....:** SO
Date Sampled...: 03/11/08 15:00 **Date Received..:** 03/12/08
% Moisture.....: 8.0

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.8**	**0.87**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**92.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-025

General Chemistry

Lot-Sample #...: A8C120185-007 **Work Order #...:** KJE03 **Matrix.....:** SO
Date Sampled...: 03/11/08 15:05 **Date Received..:** 03/12/08
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**2.1**	**0.88**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031108-CB-029

General Chemistry

Lot-Sample #...: A8C120185-008 **Work Order #...:** KJE04 **Matrix.....:** SO
Date Sampled...: 03/11/08 16:05 **Date Received..:** 03/12/08
% Moisture.....: 9.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.47 B**	**0.89**	**mg/kg**	**SW846 7196A**	**03/13/08**	**8073354**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/12-03/13/08**	**8072390**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-032

General Chemistry

Lot-Sample #...: A8C130160-001 **Work Order #...:** KJG3J **Matrix.....:** SO
Date Sampled...: 03/12/08 08:25 **Date Received..:** 03/13/08
% Moisture.....: 18

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.97	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**82.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-034

General Chemistry

Lot-Sample #...: A8C130160-002 **Work Order #...:** KJG3N **Matrix.....:** SO
Date Sampled...: 03/12/08 08:50 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.0**	**0.90**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078313**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-035

General Chemistry

Lot-Sample #...: A8C130160-003 **Work Order #...:** KJG3T **Matrix.....:** SO
Date Sampled...: 03/12/08 09:00 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-037

General Chemistry

Lot-Sample #...: A8C130160-004 **Work Order #...:** KJG3V **Matrix.....:** SO
Date Sampled...: 03/12/08 12:40 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.50 B**	**0.89**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078313**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-040

General Chemistry

Lot-Sample #...: A8C130160-005 **Work Order #...:** KJG3W **Matrix.....:** SO
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/17/08	8077358
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.90	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-043

General Chemistry

Lot-Sample #...: A8C130160-006 **Work Order #...:** KJG30 **Matrix.....:** SO
Date Sampled...: 03/12/08 14:50 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-047

General Chemistry

Lot-Sample #...: A8C130160-007 **Work Order #...:** KJG33 **Matrix.....:** SO
Date Sampled...: 03/12/08 16:25 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-048

General Chemistry

Lot-Sample #...: A8C130160-008 **Work Order #...:** KJG34 **Matrix.....:** SO
Date Sampled...: 03/12/08 16:30 **Date Received..:** 03/13/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.89	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031208-CB-050

General Chemistry

Lot-Sample #...: A8C130160-009 **Work Order #...:** KJG36 **Matrix.....:** SO
Date Sampled...: 03/12/08 17:00 **Date Received..:** 03/13/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.30 B**	**0.91**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078313**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/14-03/17/08**	**8074205**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-053

General Chemistry

Lot-Sample #...: A8C140235-001 **Work Order #...:** KJLXF **Matrix.....:** SO
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.0**	**0.93**	**mg/kg**	**SW846 7196A**	**03/20-03/21/08**	**8080276**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.4**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077353**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-055

General Chemistry

Lot-Sample #...: A8C140235-002 **Work Order #...:** KJLXP **Matrix.....:** SO
Date Sampled...: 03/13/08 11:15 **Date Received..:** 03/14/08
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.55 B**	**0.89**	**mg/kg**	**SW846 7196A**	**03/20-03/21/08**	**8080276**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**89.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077353**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-059

General Chemistry

Lot-Sample #...: A8C140235-004 **Work Order #...:** KJLX7 **Matrix.....:** SO
Date Sampled...: 03/13/08 14:35 **Date Received..:** 03/14/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.90	mg/kg	SW846 7196A	03/20-03/21/08	8080276
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077353**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-060

General Chemistry

Lot-Sample #...: A8C140235-005 **Work Order #...:** KJL0A **Matrix.....:** SO
Date Sampled...: 03/13/08 15:10 **Date Received..:** 03/14/08
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.62 B**	**0.91**	**mg/kg**	**SW846 7196A**	**03/20-03/21/08**	**8080276**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077353**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031308-CB-061

General Chemistry

Lot-Sample #...: A8C140235-006 **Work Order #...:** KJL0D **Matrix.....:** SO
Date Sampled...: 03/13/08 16:00 **Date Received..:** 03/14/08
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.93	mg/kg	SW846 7196A	03/20-03/21/08	8080276
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**85.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077353**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-062

General Chemistry

Lot-Sample #...: A8C150172-001 **Work Order #...:** KJNQM **Matrix.....:** SO
Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	ND	0.97	mg/kg	SW846 7196A	03/20-03/21/08	8080276
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**82.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077354**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-069

General Chemistry

Lot-Sample #...: A8C150172-002 **Work Order #...:** KJNQ1 **Matrix.....:** SO
Date Sampled...: 03/14/08 10:50 **Date Received..:** 03/15/08
% Moisture.....: 14

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.1**	**0.93**	**mg/kg**	**SW846 7196A**	**03/20-03/21/08**	**8080276**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**85.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077354**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-063

General Chemistry

Lot-Sample #...: A8C150172-003 **Work Order #...:** KJNQ2 **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08
% Moisture.....: 6.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**4.1**	**0.85**	**mg/kg**	**SW846 7196A**	**03/20-03/21/08**	**8080276**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**93.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077354**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-031408-CB-067

General Chemistry

Lot-Sample #...: A8C150172-004 **Work Order #...:** KJNQ3 **Matrix.....:** SO
Date Sampled...: 03/14/08 10:00 **Date Received..:** 03/15/08
% Moisture.....: 17

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.35 B**	**0.97**	**mg/kg**	**SW846 7196A**	**03/20-03/21/08**	**8080276**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**82.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**03/17-03/18/08**	**8077354**
		Dilution Factor: 1		MDL.....: 10.0		

NOTE(S):

RL Reporting Limit

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KJQC41AA		MB Lot-Sample #:	A8C170000-357	
	ND	0.20	mg/kg	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1				
Cyanide, Total		Work Order #: KJQC51AA		MB Lot-Sample #:	A8C170000-358	
	ND	0.20	mg/kg	SW846 9012A	03/17/08	8077358
		Dilution Factor: 1				
Cyanide, Total		Work Order #: KJRQW1AA		MB Lot-Sample #:	A8C180000-259	
	ND	0.20	mg/kg	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KJH6C1AA		MB Lot-Sample #:	A8C130000-354	
	ND	0.80	mg/kg	SW846 7196A	03/13/08	8073354
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KJRXA1AA		MB Lot-Sample #:	A8C180000-268	
	0.53 B	**0.80**	**mg/kg**	**SW846 7196A**	**03/18-03/19/08**	**8078268**
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KJRXL1AA		MB Lot-Sample #:	A8C180000-313	
	ND	0.80	mg/kg	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KJ1RE1AA		MB Lot-Sample #:	A8C200000-276	
	ND	0.80	mg/kg	SW846 7196A	03/20-03/21/08	8080276
		Dilution Factor: 1				
Percent Solids		Work Order #: KJDEC1AA		MB Lot-Sample #:	A8C110000-361	
	ND	10.0	%	MCAWW 160.3 MOD	03/11-03/12/08	8071361
		Dilution Factor: 1				
Percent Solids		Work Order #: KJFNJ1AA		MB Lot-Sample #:	A8C120000-390	
	ND	10.0	%	MCAWW 160.3 MOD	03/12-03/13/08	8072390
		Dilution Factor: 1				
Percent Solids		Work Order #: KJLAG1AA		MB Lot-Sample #:	A8C140000-205	
	ND	10.0	%	MCAWW 160.3 MOD	03/14-03/17/08	8074205
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids		Work Order #: KJQCV1AA		MB Lot-Sample #:	A8C170000-349	
	ND	10.0	%	MCAWW 160.3 MOD	03/17-03/18/08	8077349
		Dilution Factor: 1				
Percent Solids		Work Order #: KJQCW1AA		MB Lot-Sample #:	A8C170000-350	
	ND	10.0	%	MCAWW 160.3 MOD	03/17-03/18/08	8077350
		Dilution Factor: 1				
Percent Solids		Work Order #: KJQC11AA		MB Lot-Sample #:	A8C170000-353	
	ND	10.0	%	MCAWW 160.3 MOD	03/17-03/18/08	8077353
		Dilution Factor: 1				
Percent Solids		Work Order #: KJQC21AA		MB Lot-Sample #:	A8C170000-354	
	ND	10.0	%	MCAWW 160.3 MOD	03/17-03/18/08	8077354
		Dilution Factor: 1				

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: KJQC41AC		LCS Lot-Sample#: A8C170000-357		
	33.0	27.3	mg/kg	83	SW846 9012A	03/17/08	8077357
			Dilution Factor: 1				
Cyanide, Total			Work Order #: KJQC51AC		LCS Lot-Sample#: A8C170000-358		
	33.0	27.3	mg/kg	83	SW846 9012A	03/17/08	8077358
			Dilution Factor: 1				
Cyanide, Total			Work Order #: KJRQW1AC		LCS Lot-Sample#: A8C180000-259		
	33.0	31.2	mg/kg	95	SW846 9012A	03/18/08	8078259
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KJH6C1AC		LCS Lot-Sample#: A8C130000-354		
	644	566	mg/kg	88	SW846 7196A	03/13/08	8073354
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KJRXA1AC		LCS Lot-Sample#: A8C180000-268		
	644	459	mg/kg	71	SW846 7196A	03/18-03/19/08	8078268
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KJRXL1AC		LCS Lot-Sample#: A8C180000-313		
	644	635	mg/kg	99	SW846 7196A	03/18-03/19/08	8078313
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: KJ1RE1AC		LCS Lot-Sample#: A8C200000-276		
	644	621	mg/kg	96	SW846 7196A	03/20-03/21/08	8080276
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 8C11158 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: KJQC41AC	LCS Lot-Sample#: A8C170000-357		
	83	(68 - 123)	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1			
Cyanide, Total		Work Order #: KJQC51AC	LCS Lot-Sample#: A8C170000-358		
	83	(68 - 123)	SW846 9012A	03/17/08	8077358
		Dilution Factor: 1			
Cyanide, Total		Work Order #: KJRQW1AC	LCS Lot-Sample#: A8C180000-259		
	95	(68 - 123)	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KJH6C1AC	LCS Lot-Sample#: A8C130000-354		
	88	(10 - 200)	SW846 7196A	03/13/08	8073354
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KJRXA1AC	LCS Lot-Sample#: A8C180000-268		
	71	(10 - 200)	SW846 7196A	03/18-03/19/08	8078268
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KJRXL1AC	LCS Lot-Sample#: A8C180000-313		
	99	(10 - 200)	SW846 7196A	03/18-03/19/08	8078313
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KJ1RE1AC	LCS Lot-Sample#: A8C200000-276		
	96	(10 - 200)	SW846 7196A	03/20-03/21/08	8080276
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: KJEXT1CU-MS/KJEXT1CV-MSD		MS Lot-Sample #: A8C120185-001				
	ND	2.3	1.9	mg/kg	86		SW846 9012A	03/17/08	8077357
	ND	2.3	2.2	mg/kg	96	12	SW846 9012A	03/17/08	8077357
			Dilution Factor: 1						
Cyanide, Total			WO#: KJG3W1A5-MS/KJG3W1A6-MSD		MS Lot-Sample #: A8C130160-005				
	ND	2.3	1.9	mg/kg	83		SW846 9012A	03/17/08	8077358
	ND	2.3	2.1	mg/kg	95	13	SW846 9012A	03/17/08	8077358
			Dilution Factor: 1						
Cyanide, Total			WO#: KJNQ21CA-MS/KJNQ21CC-MSD		MS Lot-Sample #: A8C150172-003				
	ND	2.1	2.0	mg/kg	93		SW846 9012A	03/18/08	8078259
	ND	2.1	1.8	mg/kg	85	8.9	SW846 9012A	03/18/08	8078259
			Dilution Factor: 1						

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 8C11158 **Matrix.....:** SO
Date Sampled...: 03/14/08 09:30 **Date Received..:** 03/15/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: KJEXT1CU-MS/KJEXT1CV-MSD				MS Lot-Sample #: A8C120185-001	
	86	(50 - 134)			SW846 9012A	03/17/08	8077357
	96	(50 - 134)	12	(0-20)	SW846 9012A	03/17/08	8077357
		Dilution Factor: 1					
Cyanide, Total		WO#: KJG3W1A5-MS/KJG3W1A6-MSD				MS Lot-Sample #: A8C130160-005	
	83	(50 - 134)			SW846 9012A	03/17/08	8077358
	95	(50 - 134)	13	(0-20)	SW846 9012A	03/17/08	8077358
		Dilution Factor: 1					
Cyanide, Total		WO#: KJNQ21CA-MS/KJNQ21CC-MSD				MS Lot-Sample #: A8C150172-003	
	93	(50 - 134)			SW846 9012A	03/18/08	8078259
	85	(50 - 134)	8.9	(0-20)	SW846 9012A	03/18/08	8078259
		Dilution Factor: 1					

NOTE(S):

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

Results and reporting limits have been adjusted for dry weight.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJCKP-SMP **Matrix.....:** SOLID
KJCKP-DUP
Date Sampled...: 03/10/08 11:20 **Date Received..:** 03/11/08
% Moisture.....: 30

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C110145-001		
	69.6	68.6	%	1.4	(0-20)	MCAWW 160.3 MOD	03/11-03/12/08	8071361

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJC46-SMP **Matrix.....:** SOLID
KJC46-DUP
Date Sampled...: 03/10/08 13:25 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C110202-001		
	85.9	87.6	%	1.9	(0-20)	MCAWW 160.3 MOD	03/11-03/12/08	8071361

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KH5T2-SMP **Matrix.....:** SOLID
KH5T2-DUP
Date Sampled...: 03/05/08 10:00 **Date Received..:** 03/06/08
% Moisture.....: 0.79

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C060289-003		
	99.2	99.2	%	0.048	(0-20)	MCAWW 160.3 MOD	03/12-03/13/08	8072390

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJEXT-SMP **Matrix.....:** SO
KJEXT-DUP
Date Sampled...: 03/11/08 08:35 **Date Received..:** 03/12/08
% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C120185-001		
	88.0	88.1	%	0.079	(0-20)	MCAWW 160.3 MOD	03/12-03/13/08	8072390

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJG3W-SMP **Matrix.....:** SO
KJG3W-DUP
Date Sampled...: 03/12/08 13:40 **Date Received..:** 03/13/08
% Moisture.....: 11

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C130160-005		
	88.7	88.4	%	0.31	(0-20)	MCAWW 160.3 MOD	03/14-03/17/08	8074205

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJG7H-SMP **Matrix.....:** SOLID
KJG7H-DUP
Date Sampled...: 03/12/08 **Date Received..:** 03/13/08
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C130178-008		
	86.1	84.3	%	2.1	(0-20)	MCAWW 160.3 MOD	03/14-03/17/08	8074205

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJCPM-SMP **Matrix.....:** SO
KJCPM-DUP
Date Sampled...: 03/07/08 09:20 **Date Received..:** 03/11/08
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C110158-006		
	85.8	85.0	%	0.84	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077349

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJFHH-SMP KJFHH-DUP **Matrix.....:** SOLID
Date Sampled...: 03/10/08 15:15 **Date Received..:** 03/12/08
% Moisture.....: 7.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C120241-001		
	92.4	93.6	%	1.3	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077349

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJCPP-SMP **Matrix.....:** SO
KJCPP-DUP
Date Sampled...: 03/07/08 10:50 **Date Received..:** 03/11/08
% Moisture.....: 8.2

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C110158-008		
	91.8	91.3	%	0.45	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077350

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJNRK-SMP **Matrix.....:** SOLID
KJNRK-DUP
Date Sampled...: 03/05/08 **Date Received..:** 03/15/08
% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C150176-002		
	87.7	86.7	%	1.2	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077350

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJLXF-SMP **Matrix.....:** SO
KJLXF-DUP
Date Sampled...: 03/13/08 08:30 **Date Received..:** 03/14/08
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C140235-001		
	86.4	87.6	%	1.5	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077353

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJM4R-SMP **Matrix.....:** SOLID
KJM4R-DUP
Date Sampled...: 03/13/08 **Date Received..:** 03/15/08
% Moisture.....: 7.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C150106-011		
	92.4	85.4	%	7.8	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077354

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A8C110158 **Work Order #...:** KJNQM-SMP KJNQM-DUP **Matrix.....:** SO

Date Sampled...: 03/14/08 08:10 **Date Received..:** 03/15/08

% Moisture.....: 17

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A8C150172-001		
	82.5	84.3	%	2.0	(0-20)	MCAWW 160.3 MOD	03/17-03/18/08	8077354

Dilution Factor: 1

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021
SDG #: 7K28195

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December 20, 2007

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CASE NARRATIVE

CASE NARRATIVE

7K28195

The following report contains the analytical results for nine water samples and two quality control samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM Validation SSOW# E111021 Site, project number 17322. The samples were received November 28, 2007 and November 29, 2007, according to documented sample acceptance procedures.

This SDG consists of (2) laboratory ID's: A7K280195 and A7K290147.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The coolers were received at temperatures ranging from 1.2 to 4.3°C.

CASE NARRATIVE (continued)

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for GW-17322-112707-CB-004 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 7337127 and 7339096 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GC/MS SEMIVOLATILES

The matrix spike/matrix spike duplicate(s) for GW-17322-112707-CB-004 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 7334040 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate data for batch(es) 7337129 are not included in this report. The batch QC samples, which document the effect of a specific sample matrix on method performance, were not associated with a sample reported in this lot. The data, therefore, has no bearing on the samples reported herein. In order to document compliance with the QC requirement for an MS/MSD per 20 environmental samples, a summary of sample/QC associations has been provided following this case narrative.

Sample(s) GW-17322-112707-CB-004 and GW-17322-112707-CB-006 had elevated reporting limits due to limited initial sample volume.

Sample(s) GW-17322-112707-CB-003 had elevated reporting limits due to matrix interferences.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

The matrix spike/matrix spike duplicate(s) for GW-17322-112707-CB-004 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

No ICP MS Form IX was provided for batch(es) 7337019. The serial dilution was performed on a different sample from the same QC batch(es).

For batch(es) 7337019, the CCV was outside of control limits biased high. Since the sample results were below the requested reporting limit, the results were accepted.

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton (formerly STL North Canton) conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton (formerly STL North Canton) requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TESTAMERICA LABORATORIES, INC.

MS RUN NUMBER REVIEW

Lot ID	Smp#	Work Order	Batch	MS Run#	SDG	Prep Date	Method

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

7K28195 : A7K280195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-112707-CB-001 11/27/07 09:15 001				
Aroclor 1248	0.086 J	0.10	ug/L	SW846 8082
Aluminum	191	50.0	ug/L	SW846 6020
Copper	6.3 J	2.0	ug/L	SW846 6020
Antimony	1.3 B	2.0	ug/L	SW846 6020
Barium	21.2 B,J	100	ug/L	SW846 6010B
Calcium	47400 J	5000	ug/L	SW846 6010B
Chromium	9.2	5.0	ug/L	SW846 6010B
Iron	415	100	ug/L	SW846 6010B
Potassium	7770 J	1000	ug/L	SW846 6010B
Magnesium	6860 J	1000	ug/L	SW846 6010B
Manganese	15.1 J	15.0	ug/L	SW846 6010B
Sodium	54900	1000	ug/L	SW846 6010B
Vanadium	3.3 B	4.0	ug/L	SW846 6010B
Hexavalent Chromium	0.01	0.01	mg/L	SW846 7196A
GW-17322-112707-CB-002 11/27/07 10:25 002				
Aluminum	523	50.0	ug/L	SW846 6020
Copper	2.1 J	2.0	ug/L	SW846 6020
Antimony	0.36 B	2.0	ug/L	SW846 6020
Barium	52.6 B,J	100	ug/L	SW846 6010B
Calcium	67500 J	5000	ug/L	SW846 6010B
Iron	879	100	ug/L	SW846 6010B
Potassium	1860 J	1000	ug/L	SW846 6010B
Magnesium	23400 J	1000	ug/L	SW846 6010B
Manganese	245 J	15.0	ug/L	SW846 6010B
Sodium	444000	1000	ug/L	SW846 6010B
Nickel	4.0 B	20.0	ug/L	SW846 6010B
Zinc	6.0 B	20.0	ug/L	SW846 6010B
1,3-Dichlorobenzene	0.28 J	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.48 J	1.0	ug/L	SW846 8260B
GW-17322-112707-CB-003 11/27/07 11:55 003				
Aluminum	463	50.0	ug/L	SW846 6020
Copper	2.5 J	2.0	ug/L	SW846 6020
Antimony	0.63 B	2.0	ug/L	SW846 6020
Barium	12.0 B,J	100	ug/L	SW846 6010B
Calcium	29400 J	5000	ug/L	SW846 6010B
Iron	829	100	ug/L	SW846 6010B
Potassium	2370 J	1000	ug/L	SW846 6010B
Magnesium	4700 J	1000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

7K28195 : A7K280195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-112707-CB-003 11/27/07 11:55 003				
Manganese	14.5 B,J	15.0	ug/L	SW846 6010B
Sodium	284000	1000	ug/L	SW846 6010B
Vanadium	3.2 B	4.0	ug/L	SW846 6010B
Zinc	10.5 B	20.0	ug/L	SW846 6010B
1,3-Dichlorobenzene	0.29 J	1.0	ug/L	SW846 8260B
GW-17322-112707-CB-004 11/27/07 14:30 004				
Aluminum	644	50.0	ug/L	SW846 6020
Copper	4.4 J	2.0	ug/L	SW846 6020
Antimony	1.1 B	2.0	ug/L	SW846 6020
Arsenic	5.9	5.0	ug/L	SW846 6010B
Barium	9.7 B,J	100	ug/L	SW846 6010B
Calcium	12800 J	5000	ug/L	SW846 6010B
Chromium	6.5	5.0	ug/L	SW846 6010B
Iron	1030	100	ug/L	SW846 6010B
Potassium	4960 J	1000	ug/L	SW846 6010B
Magnesium	2020 J	1000	ug/L	SW846 6010B
Manganese	23.5 J	15.0	ug/L	SW846 6010B
Sodium	68900	1000	ug/L	SW846 6010B
Lead	5.6	3.0	ug/L	SW846 6010B
Vanadium	5.4	4.0	ug/L	SW846 6010B
Zinc	16.2 B	20.0	ug/L	SW846 6010B
Hexavalent Chromium	0.006 B	0.01	mg/L	SW846 7196A
GW-17322-112707-CB-005 11/27/07 15:30 005				
Silver	0.086 B	0.20	ug/L	SW846 6020
Aluminum	9.8 B	50.0	ug/L	SW846 6020
Copper	1.5 B,J	2.0	ug/L	SW846 6020
Antimony	0.39 B	2.0	ug/L	SW846 6020
Barium	310 J	100	ug/L	SW846 6010B
Calcium	334000 J	5000	ug/L	SW846 6010B
Potassium	6320 J	1000	ug/L	SW846 6010B
Magnesium	59300 J	1000	ug/L	SW846 6010B
Manganese	121 J	15.0	ug/L	SW846 6010B
Sodium	2060000	10000	ug/L	SW846 6010B
1,3-Dichlorobenzene	0.22 J	1.0	ug/L	SW846 8260B
Cyanide Amenable to Chlorination	0.0071	0.0050	mg/L	SW846 9012A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

7K28195 : A7K280195

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-112707-CB-006 11/27/07 16:00 006				
Copper	1.6 B,J	2.0	ug/L	SW846 6020
Antimony	0.18 B	2.0	ug/L	SW846 6020
Barium	296 J	100	ug/L	SW846 6010B
Calcium	321000 J	5000	ug/L	SW846 6010B
Potassium	6020 J	1000	ug/L	SW846 6010B
Magnesium	57100 J	1000	ug/L	SW846 6010B
Manganese	114 J	15.0	ug/L	SW846 6010B
Sodium	2030000	10000	ug/L	SW846 6010B
1,3-Dichlorobenzene	0.21 J	1.0	ug/L	SW846 8260B
TB-17322-112707-CB-001 11/27/07 007				
Acetone	2.6 J	25	ug/L	SW846 8260B
Tetrachloroethene	0.45 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

7K28195 : A7K290147

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-112807-CB-007 11/28/07 09:55 001				
Copper	2.2 J	2.0	ug/L	SW846 6020
Antimony	0.17 B	2.0	ug/L	SW846 6020
Barium	197 J	100	ug/L	SW846 6010B
Calcium	324000 J	5000	ug/L	SW846 6010B
Cadmium	0.71 B	1.0	ug/L	SW846 6010B
Cobalt	2.1 B	7.0	ug/L	SW846 6010B
Chromium	2.8 B	5.0	ug/L	SW846 6010B
Iron	125	100	ug/L	SW846 6010B
Potassium	7370 J	1000	ug/L	SW846 6010B
Magnesium	70900 J	1000	ug/L	SW846 6010B
Manganese	192 J	15.0	ug/L	SW846 6010B
Sodium	488000	1000	ug/L	SW846 6010B
Nickel	3.5 B	20.0	ug/L	SW846 6010B
Zinc	5.8 B	20.0	ug/L	SW846 6010B
GW-17322-112807-CB-008 11/28/07 10:40 002				
Aroclor 1248	0.33	0.10	ug/L	SW846 8082
Aroclor 1260	0.29	0.10	ug/L	SW846 8082
Trivalent Chromium	0.0051	0.0050	mg/L	SW846 7196A
Aluminum	11.6 B	50.0	ug/L	SW846 6020
Copper	1.6 B,J	2.0	ug/L	SW846 6020
Barium	394 J	100	ug/L	SW846 6010B
Calcium	323000 J	5000	ug/L	SW846 6010B
Cobalt	2.5 B	7.0	ug/L	SW846 6010B
Chromium	5.1	5.0	ug/L	SW846 6010B
Iron	1810	100	ug/L	SW846 6010B
Potassium	5270 J	1000	ug/L	SW846 6010B
Magnesium	56000 J	1000	ug/L	SW846 6010B
Manganese	2150 J	15.0	ug/L	SW846 6010B
Sodium	876000	5000	ug/L	SW846 6010B
Nickel	6.7 B	20.0	ug/L	SW846 6010B
Zinc	5.8 B	20.0	ug/L	SW846 6010B
cis-1,2-Dichloroethene	8.8	1.7	ug/L	SW846 8260B
trans-1,2-Dichloroethene	2.9	1.7	ug/L	SW846 8260B
Trichloroethene	51	1.7	ug/L	SW846 8260B
GW-17322-112807-CB-009 11/28/07 12:50 003				
Aluminum	14.2 B	50.0	ug/L	SW846 6020
Copper	2.4 J	2.0	ug/L	SW846 6020
Antimony	0.59 B	2.0	ug/L	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

7K28195 : A7K290147

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-112807-CB-009 11/28/07 12:50 003				
Barium	79.5 B,J	100	ug/L	SW846 6010B
Calcium	226000 J	5000	ug/L	SW846 6010B
Iron	87.1 B	100	ug/L	SW846 6010B
Potassium	11000 J,E	1000	ug/L	SW846 6010B
Magnesium	16200 J	1000	ug/L	SW846 6010B
Manganese	57.7 J	15.0	ug/L	SW846 6010B
Sodium	643000	5000	ug/L	SW846 6010B
Acetone	20 J	25	ug/L	SW846 8260B
2-Butanone	2.5 J	25	ug/L	SW846 8260B
1,3-Dichlorobenzene	0.18 J	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.30 J	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	3.2 J	50	ug/L	SW846 8260B
TB-17322-112807-CB-001 11/28/07 004				
Acetone	3.1 J	25	ug/L	SW846 8260B
Tetrachloroethene	0.44 J	1.0	ug/L	SW846 8260B

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

7K28195

PARAMETER	ANALYTICAL METHOD
Amenable Cyanide	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

7K28195 : A7K280195

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KC0X3	001	GW-17322-112707-CB-001	11/27/07	09:15
KC00A	002	GW-17322-112707-CB-002	11/27/07	10:25
KC00E	003	GW-17322-112707-CB-003	11/27/07	11:55
KC00K	004	GW-17322-112707-CB-004	11/27/07	14:30
KC00M	005	GW-17322-112707-CB-005	11/27/07	15:30
KC00Q	006	GW-17322-112707-CB-006	11/27/07	16:00
KC00R	007	TB-17322-112707-CB-001	11/27/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

7K28195 : A7K290147

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KC3E3	001	GW-17322-112807-CB-007	11/28/07	09:55
KC3E4	002	GW-17322-112807-CB-008	11/28/07	10:40
KC3E6	003	GW-17322-112807-CB-009	11/28/07	12:50
KC3E7	004	TB-17322-112807-CB-001	11/28/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 5

ID # No 08445

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI 48170	Copy To: Terry Guyman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date: ____	TAT: Standard
QA/QC Requirements: see below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Site specific TAL Metals	Amenable Cyanide	Hexavalent chromium	trivalent chromium				Remarks/Lab ID
1. GW-17322-112707-CB-001	GW	11/27/07	915	3		3					X										
2. GW- -002	GW		1025	3		3					X										
3. GW- -003	GW		1155	10		3		1	1		X	X	X	X	X	X	X				
4. GW- -004	GW		1430	9		9					X										MS/MSD
5. GW- -005	GW		1530	3		3					X										
6. GW- -006	GW		1600	3		3					X										
7. TB- -001	WQ		—	1		1					X										
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
TOTAL NUMBER OF CONTAINERS				32																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Corrie Bondy/CRA	11/27/07	1800		11/28/07	0955
AIRBILL NO. 8627 4082 6575							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy

Date: 11/27/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 3 OF 5

ID # No 08446

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gauman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734)453-5123	Project Name: GM Validation
Fax: (734)453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date: ———	TAT: Standard
QA/QC Requirements: see below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Skspecific TAL Metals	Amenable Cyanide	Hexavalent chromium	Trivalent chromium	Remarks/Lab ID
1. GW-17322-112707-CB-004	WG	11/27/07	1430	08	8			1				X	X	X	X	X	X	
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		
TOTAL NUMBER OF CONTAINERS				10														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Corrie Bondy /CRA	11/27/07	1800	TAL	11/28/11	0955
AIRBILL NO. 8627 4082 6586							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 11/27/04

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 1 OF 5

ID # No 08444

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200 Plymouth, MI, 48170	Copy To: Terry Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date: —	TAT Standard
QA/QC Requirements: see below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL VOC	TCL SVOC	TCL PCB	Site-specific TAL Metals	Amenable Cyanide	Hexavalent chromium	Trivalent chromium				Remarks/Lab ID
1.	GW-17322-112707-CB-001	WG	11/27/07	915	7	5			1	1			X	X	X	X	X	X				
2.	GW-17322-112707-CB-002	WG	11/27/07	1025	7	5			1	1			X	X	X	X	X	X				
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
	TOTAL NUMBER OF CONTAINERS				14																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Corrie Bondy / CRA	11/27/07	1800	TAL	11/28/07	0855
AIRBILL NO. 8627 4092 6564							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: Cbondy Date: 11/27/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 4 OF 5

ID # No 08447

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: Standard
QA/QC Requirements:	See below

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Sikespecific TAL Metals	Amenable cyanide	Hexavalent chromium	Trivalent chromium				Remarks/Lab ID
1. GW-17322-112707-CB-004	W6	11/27/07	1430	10	6	2B		2	3			X	X	X	X	X	X				
2.																					
3.																					
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
TOTAL NUMBER OF CONTAINERS				11																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Corrie Bondy/CRA	11/27/07	1800		11/28/07	0955
AIRBILL NO. 8627 4082 6597							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 11/27/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 5 OF 5

ID # No. 08441

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Tony Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: Standard
QA/QC Requirements:	see below

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL VOC	TCL SVOC	TCL PCB	Site-specific TAL Metals	Amenable cyanide	Hexavalent chromium	Trivalent chromium	Remarks/Lab ID
1.	GW-17322-112707-CB-005	WG	11/27/07	1530	7	5			1	1			X	X	X	X	X	X	
2.	↓ ↓ ↓ ↓ -006	↓	↓	1600	7	5			1	1			X	X	X	X	X	X	
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			
	TOTAL NUMBER OF CONTAINERS				14														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	5	Connie Bondy / CRA	11/27/07	1800	TAL	11/28/07	0955
AIRBILL NO. 8627 4082 6601							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Connie Bondy

Sampler Signature: CBondy

Date: 11/27/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

TestAmerica Cooler Receipt Form/Narrative — Lot Number: ~~A~~ 280195
North Canton Facility

Client CRA Project GA Validation Quote # _____
Cooler Received on 11/28/07 Opened on 11/28/07 By _____ (Signature)
FedEx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐
Stetson ☐ US Cargo ☐ Other _____
TestAmerica Cooler # See back Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were custody seals on the outside of cooler signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottles? Yes ☐ No ☒
   If YES, are there any exceptions _____
2. Shipper's packing slip attached to this form? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temps)

METHOD: IR ☒ Other ☐ _____
COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM DDH Date 11/28 by GM via Voice Mail ☒ Verbal ☐ Other ☐
Concerning #14

14. CHAIN OF CUSTODY

The following discrepancies occurred:
Limited volume received for sample 003.
Received 2x L unpreserved for PCB & SVOC and the metals, CrVI, & Cn- bottles are only 1/2 full.

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*
What time was preserved added to sample(s)? _____
Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials
001	<2 >12	11/28/07	
002	<2 >12		
003	<2 >12		
004	<2 <2 <2 >12 >12 >12		
005	<2 >12		
006	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant
241-428	2.4°C	IR	Ice
241-569	2.9°C	1	1
241-117	1.2°C		
241-116	1.8°C		
241-050	1.9°C	2	1

Discrepancies Cont'd

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 1 OF 2

ID # N° 08440

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 971-9635 x123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: Standard
QA/QC Requirements: see below	

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Site specific TAL Metals	Amenable cyanide	Hexavalent chromium	Trivalent chromium				Remarks/Lab ID
1.	GW-17322-112807-CB-007	CB WG	11/28/07	955	10	5	3		1	1		X	X	X	X	X	X	X				
2.	-008	WG		1040	3		3					X										
3.	-009	WG		1250	3		3					X										
4.	TB -001	WQ		—	1		1					X										
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
	TOTAL NUMBER OF CONTAINERS				17																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy/CRA	11/28/07	1700	TAL	11/29/07	0940
AIRBILL NO. 8627 4092 6612							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 11/28/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 2

ID # Nº 0843

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA	Laboratory: Test America	
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI 48170	Copy To: Terry Gayman/CRA	Laboratory Location: North Canton, OH	
	Invoice To: Darla Stewart/CRA	Laboratory Contact: Denise Heckler	
	P.O.:	Requested Due Date:	TAT: Standard
Phone: (734) 453-5123	Project Name: GM Validation	QA/QC Requirements: See below	
Fax: (734) 453-5201	Project Number: 17322		
E-mail: pwiseman@craworld.com			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL SVOC	TCL PCB	Site specific TAL Metal	Amenable cyanide	Hexavalent chromium	Trivalent chromium	Remarks/Lab ID
1.	GW-17322-112807-CB-008	WG	11/28/07	1040	7	5			1	1		X	X	X	X	X	X	
2.	GW-17322-112807-CB-009	WG	11/28/07	1250	7	5			1	1		X	X	X	X	X	X	
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		
12.																		
13.																		
14.																		
15.																		
	TOTAL NUMBER OF CONTAINERS				14													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy /CRA	11/28/07	1700	TAL	11/29/07	0840
AIRBILL NO. 862740826623							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 11/28/07

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

TestAmerica Cooler Receipt Form/Narrative

Lot Number: 240-2901-47

North Canton Facility

Client CRA Project GM Validation Quote #

Cooler Received on 11/29/07 Opened on 11/29/07 By (Signature)

FedEx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐

Stetson ☐ US Cargo ☐ Other

TestAmerica Cooler # See back Foam Box ☐ Client Cooler ☐ Other

Intact? Yes ☐ No ☐ NA ☒

1. Were custody seals on the outside of the cooler? Yes ☐ No ☒
   If YES, Quantity
   Were custody seals on the outside of cooler signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottles? Yes ☐ No ☒
   If YES, are there any exceptions
2. Shipper's packing slip attached to this form? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐
   Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other
6. Cooler temperature upon receipt °C (see back of form for multiple coolers/temps)

METHOD: IR ☒ Other ☐

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning

14. CHAIN OF CUSTODY

The following discrepancies occurred:

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*

What time was preserved added to sample(s)?

Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials
007	<2 >12	11/29/07	
008	<2 >12		
009	<2 >12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant
241-642	3.2°C	IR	Ice
241-567	4.3°C	1	1

Discrepancies Cont'd

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

GC/MS Volatiles

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X31AD **Matrix.....:** WG
Date Sampled...: 11/27/07 09:15 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

GC/MS Volatiles

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X31AD **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	98	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

GC/MS Volatiles

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A1AN **Matrix.....:** WG
Date Sampled...: 11/27/07 10:25 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	**0.28 J**	**1.0**	**ug/L**	**0.14**
1,4-Dichlorobenzene	**0.48 J**	**1.0**	**ug/L**	**0.13**
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

GC/MS Volatiles

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	97	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

GC/MS Volatiles

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E1AN **Matrix.....:** WG
Date Sampled...: 11/27/07 11:55 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	**0.29 J**	**1.0**	**ug/L**	**0.14**
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

GC/MS Volatiles

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

GC/MS Volatiles

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K1CE **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

GC/MS Volatiles

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K1CE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

GC/MS Volatiles

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M1AN **Matrix.....:** WG
Date Sampled...: 11/27/07 15:30 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	**0.22 J**	**1.0**	**ug/L**	**0.14**
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

GC/MS Volatiles

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(73 - 122)
1,2-Dichloroethane-d4	87	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

GC/MS Volatiles

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q1AN **Matrix.....:** WG
Date Sampled...: 11/27/07 16:00 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	**0.21 J**	**1.0**	**ug/L**	**0.14**
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

GC/MS Volatiles

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-112707-CB-001

GC/MS Volatiles

Lot-Sample #...: A7K280195-007 **Work Order #...:** KC00R1AA **Matrix.....:** WQ
Date Sampled...: 11/27/07 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**2.6 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-112707-CB-001

GC/MS Volatiles

Lot-Sample #...: A7K280195-007 **Work Order #...:** KC00R1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**0.45 J**	**1.0**	**ug/L**	**0.29**
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

GC/MS Volatiles

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E31AD **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

GC/MS Volatiles

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E31AD **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	86	(61 - 128)
Toluene-d8	98	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

GC/MS Volatiles

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E41AN **Matrix.....:** WG
Date Sampled...: 11/28/07 10:40 **Date Received..:** 11/29/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339096
Dilution Factor: 1.67 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.7	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.7	ug/L	0.16
Acetone	ND	42	ug/L	1.8
Benzene	ND	1.7	ug/L	0.22
Bromodichloromethane	ND	1.7	ug/L	0.25
Bromoform	ND	1.7	ug/L	1.1
Bromomethane	ND	1.7	ug/L	0.68
2-Butanone	ND	42	ug/L	0.95
Carbon disulfide	ND	8.4	ug/L	0.22
Carbon tetrachloride	ND	1.7	ug/L	0.22
Chlorobenzene	ND	1.7	ug/L	0.25
Chloroethane	ND	1.7	ug/L	0.48
Chloroform	ND	1.7	ug/L	0.27
Chloromethane	ND	1.7	ug/L	0.50
Cyclohexane	ND	1.7	ug/L	0.20
Dibromochloromethane	ND	1.7	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	1.7	ug/L	1.1
1,2-Dibromoethane	ND	1.7	ug/L	0.40
1,2-Dichlorobenzene	ND	1.7	ug/L	0.22
1,3-Dichlorobenzene	ND	1.7	ug/L	0.23
1,4-Dichlorobenzene	ND	1.7	ug/L	0.22
Dichlorodifluoromethane	ND	1.7	ug/L	0.52
1,1-Dichloroethane	ND	1.7	ug/L	0.25
1,2-Dichloroethane	ND	1.7	ug/L	0.37
1,1-Dichloroethene	ND	1.7	ug/L	0.32
cis-1,2-Dichloroethene	**8.8**	**1.7**	**ug/L**	**0.28**
trans-1,2-Dichloroethene	**2.9**	**1.7**	**ug/L**	**0.32**
1,2-Dichloropropane	ND	1.7	ug/L	0.30
cis-1,3-Dichloropropene	ND	1.7	ug/L	0.23
trans-1,3-Dichloropropene	ND	1.7	ug/L	0.32
Ethylbenzene	ND	1.7	ug/L	0.28
2-Hexanone	ND	84	ug/L	0.68
Isopropylbenzene	ND	8.4	ug/L	0.22
Methyl acetate	ND	17	ug/L	0.63
Methylene chloride	ND	8.4	ug/L	0.55
Methylcyclohexane	ND	1.7	ug/L	0.22
4-Methyl-2-pentanone	ND	84	ug/L	0.53

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

GC/MS Volatiles

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E41AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	8.4	ug/L	0.28
Styrene	ND	1.7	ug/L	0.18
1,1,2,2-Tetrachloroethane	ND	1.7	ug/L	0.30
Tetrachloroethene	ND	1.7	ug/L	0.48
Toluene	ND	1.7	ug/L	0.22
1,2,4-Trichloro-benzene	ND	8.4	ug/L	0.25
1,1,1-Trichloroethane	ND	1.7	ug/L	0.37
1,1,2-Trichloroethane	ND	1.7	ug/L	0.45
Trichloroethene	**51**	**1.7**	**ug/L**	**0.28**
Trichlorofluoromethane	ND	1.7	ug/L	0.35
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.7	ug/L	0.47
Vinyl chloride	ND	1.7	ug/L	0.37
Xylenes (total)	ND	3.3	ug/L	0.47

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	86	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

GC/MS Volatiles

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E61AN **Matrix.....:** WG
Date Sampled...: 11/28/07 12:50 **Date Received..:** 11/29/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**20 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**2.5 J**	**25**	**ug/L**	**0.57**
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	**0.18 J**	**1.0**	**ug/L**	**0.14**
1,4-Dichlorobenzene	**0.30 J**	**1.0**	**ug/L**	**0.13**
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	**3.2 J**	**50**	**ug/L**	**0.32**

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

GC/MS Volatiles

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E61AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
Toluene-d8	97	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-112807-CB-001

GC/MS Volatiles

Lot-Sample #...: A7K290147-004 **Work Order #...:** KC3E71AA **Matrix.....:** WQ
Date Sampled...: 11/28/07 **Date Received..:** 11/29/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**3.1 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-112807-CB-001

GC/MS Volatiles

Lot-Sample #...: A7K290147-004 **Work Order #...:** KC3E71AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	**0.44 J**	**1.0**	**ug/L**	**0.29**
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(73 - 122)
1,2-Dichloroethane-d4	85	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L030000-127

Prep Date.....: 12/03/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/03/07 **Prep Batch #...:** 7337127
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	86	(61 - 128)
Toluene-d8	100	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L030000-242

Prep Date.....: 11/30/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 11/30/07 **Prep Batch #...:** 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(73 - 122)
1,2-Dichloroethane-d4	81	(61 - 128)
Toluene-d8	100	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AA **Matrix.....:** WATER
MB Lot-Sample #: A7L050000-096

Prep Date.....: 12/04/07 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 12/04/07 **Prep Batch #...:** 7339096
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
1,2-Dichloroethane-d4	85	(61 - 128)
Toluene-d8	97	(76 - 110)
4-Bromofluorobenzene	84	(74 - 116)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-127 KDAHA1AD-LCSD
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.5	ug/L	95	2.1	SW846 8260B
1,3,5-Trimethylbenzene	10	9.9	ug/L	99		SW846 8260B
	10	9.6	ug/L	96	2.8	SW846 8260B
Acetone	10	8.2	ug/L	82		SW846 8260B
	10	7.4	ug/L	74	9.9	SW846 8260B
Benzene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**1.5**	**SW846 8260B**
Bromodichloromethane	10	9.3	ug/L	93		SW846 8260B
	10	9.0	ug/L	90	3.2	SW846 8260B
Bromoform	10	8.5	ug/L	85		SW846 8260B
	10	8.3	ug/L	83	2.9	SW846 8260B
Bromomethane	10	8.9	ug/L	89		SW846 8260B
	10	8.9	ug/L	89	0.27	SW846 8260B
2-Butanone	10	7.9	ug/L	79		SW846 8260B
	10	7.7	ug/L	77	2.0	SW846 8260B
Carbon disulfide	10	11	ug/L	110		SW846 8260B
	10	11	ug/L	107	2.7	SW846 8260B
Carbon tetrachloride	10	9.7	ug/L	97		SW846 8260B
	10	9.2	ug/L	92	4.6	SW846 8260B
Chlorobenzene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**0.74**	**SW846 8260B**
Chloroethane	10	10	ug/L	103		SW846 8260B
	10	9.9	ug/L	99	3.9	SW846 8260B
Chloroform	10	8.9	ug/L	89		SW846 8260B
	10	8.7	ug/L	87	2.6	SW846 8260B
Chloromethane	10	9.9	ug/L	99		SW846 8260B
	10	9.8	ug/L	98	1.5	SW846 8260B
Cyclohexane	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	100	3.0	SW846 8260B
Dibromochloromethane	10	9.2	ug/L	92		SW846 8260B
	10	9.3	ug/L	93	0.43	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.4	ug/L	84		SW846 8260B
	10	8.3	ug/L	83	1.2	SW846 8260B
1,2-Dibromoethane	10	8.9	ug/L	89		SW846 8260B
	10	8.9	ug/L	89	0.15	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-127 KDAHA1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	8.9	ug/L	89		SW846 8260B
	10	8.6	ug/L	86	2.7	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.8	ug/L	88	3.1	SW846 8260B
1,4-Dichlorobenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.7	ug/L	87	2.6	SW846 8260B
Dichlorodifluoromethane	10	11	ug/L	107		SW846 8260B
	10	10	ug/L	104	3.6	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	101		SW846 8260B
	10	9.8	ug/L	98	2.6	SW846 8260B
1,2-Dichloroethane	10	8.9	ug/L	89		SW846 8260B
	10	8.9	ug/L	89	0.28	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**107**		**SW846 8260B**
	10	**10**	**ug/L**	**104**	**2.8**	**SW846 8260B**
cis-1,2-Dichloroethene	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	1.1	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	100		SW846 8260B
	10	9.7	ug/L	97	3.5	SW846 8260B
1,2-Dichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.15	SW846 8260B
cis-1,3-Dichloropropene	10	10	ug/L	100		SW846 8260B
	10	9.9	ug/L	99	0.75	SW846 8260B
trans-1,3-Dichloropropene	10	11	ug/L	106		SW846 8260B
	10	10	ug/L	104	2.4	SW846 8260B
Ethylbenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.6	ug/L	96	0.95	SW846 8260B
2-Hexanone	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	1.4	SW846 8260B
Isopropylbenzene	10	10	ug/L	105		SW846 8260B
	10	10	ug/L	102	2.3	SW846 8260B
Methyl acetate	10	11	ug/L	113		SW846 8260B
	10	11	ug/L	112	1.2	SW846 8260B
Methylene chloride	10	11	ug/L	108		SW846 8260B
	10	10	ug/L	105	3.2	SW846 8260B
Methylcyclohexane	10	10	ug/L	101		SW846 8260B
	10	9.8	ug/L	98	3.0	SW846 8260B
4-Methyl-2-pentanone	10	8.6	ug/L	86		SW846 8260B
	10	8.8	ug/L	88	2.4	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	100	1.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-127 KDAHA1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	9.3	ug/L	93		SW846 8260B
	10	9.1	ug/L	91	2.1	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.1	ug/L	91		SW846 8260B
	10	9.0	ug/L	90	1.4	SW846 8260B
Tetrachloroethene	10	9.3	ug/L	93		SW846 8260B
	10	9.0	ug/L	90	3.0	SW846 8260B
Toluene	**10**	**10**	**ug/L**	**103**		**SW846 8260B**
	10	**10**	**ug/L**	**101**	**1.3**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	8.3	ug/L	83		SW846 8260B
	10	8.2	ug/L	82	1.9	SW846 8260B
1,1,1-Trichloroethane	10	8.7	ug/L	87		SW846 8260B
	10	8.4	ug/L	84	4.4	SW846 8260B
1,1,2-Trichloroethane	10	9.1	ug/L	91		SW846 8260B
	10	9.1	ug/L	91	0.38	SW846 8260B
Trichloroethene	**10**	**8.8**	**ug/L**	**88**		**SW846 8260B**
	10	**8.5**	**ug/L**	**85**	**3.2**	**SW846 8260B**
Trichlorofluoromethane	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	1.8	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	118		SW846 8260B
	10	12	ug/L	115	2.6	SW846 8260B
Vinyl chloride	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	101	1.4	SW846 8260B
Xylenes (total)	30	29	ug/L	96		SW846 8260B
	30	29	ug/L	95	1.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(73 - 122)
	85	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
	90	(61 - 128)
Toluene-d8	105	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	95	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-127 KDAHA1AD-LCSD
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	95	(70 - 130)	2.1	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	99	(70 - 130)			SW846 8260B
	96	(70 - 130)	2.8	(0-30)	SW846 8260B
Acetone	82	(22 - 200)			SW846 8260B
	74	(22 - 200)	9.9	(0-95)	SW846 8260B
Benzene	**93**	**(80 - 116)**			**SW846 8260B**
	92	**(80 - 116)**	**1.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	93	(87 - 130)			SW846 8260B
	90	(87 - 130)	3.2	(0-30)	SW846 8260B
Bromoform	85	(76 - 150)			SW846 8260B
	83	(76 - 150)	2.9	(0-30)	SW846 8260B
Bromomethane	89	(64 - 129)			SW846 8260B
	89	(64 - 129)	0.27	(0-30)	SW846 8260B
2-Butanone	79	(28 - 237)			SW846 8260B
	77	(28 - 237)	2.0	(0-65)	SW846 8260B
Carbon disulfide	110	(73 - 139)			SW846 8260B
	107	(73 - 139)	2.7	(0-30)	SW846 8260B
Carbon tetrachloride	97	(75 - 149)			SW846 8260B
	92	(75 - 149)	4.6	(0-30)	SW846 8260B
Chlorobenzene	**92**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**0.74**	**(0-20)**	**SW846 8260B**
Chloroethane	103	(66 - 126)			SW846 8260B
	99	(66 - 126)	3.9	(0-30)	SW846 8260B
Chloroform	89	(84 - 128)			SW846 8260B
	87	(84 - 128)	2.6	(0-30)	SW846 8260B
Chloromethane	99	(48 - 123)			SW846 8260B
	98	(48 - 123)	1.5	(0-30)	SW846 8260B
Cyclohexane	103	(70 - 130)			SW846 8260B
	100	(70 - 130)	3.0	(0-30)	SW846 8260B
Dibromochloromethane	92	(81 - 138)			SW846 8260B
	93	(81 - 138)	0.43	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	84	(70 - 130)			SW846 8260B
	83	(70 - 130)	1.2	(0-30)	SW846 8260B
1,2-Dibromoethane	89	(70 - 130)			SW846 8260B
	89	(70 - 130)	0.15	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-127 KDAHA1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	89	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.7	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	88	(70 - 130)	3.1	(0-30)	SW846 8260B
1,4-Dichlorobenzene	90	(70 - 130)			SW846 8260B
	87	(70 - 130)	2.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	107	(70 - 130)			SW846 8260B
	104	(70 - 130)	3.6	(0-30)	SW846 8260B
1,1-Dichloroethane	101	(86 - 123)			SW846 8260B
	98	(86 - 123)	2.6	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(79 - 136)			SW846 8260B
	89	(79 - 136)	0.28	(0-30)	SW846 8260B
1,1-Dichloroethene	**107**	**(63 - 130)**			**SW846 8260B**
	104	**(63 - 130)**	**2.8**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	89	(85 - 113)			SW846 8260B
	88	(85 - 113)	1.1	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	100	(80 - 120)			SW846 8260B
	97	(80 - 120)	3.5	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(82 - 115)			SW846 8260B
	99	(82 - 115)	0.15	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	100	(84 - 130)			SW846 8260B
	99	(84 - 130)	0.75	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	106	(84 - 130)			SW846 8260B
	104	(84 - 130)	2.4	(0-30)	SW846 8260B
Ethylbenzene	97	(86 - 116)			SW846 8260B
	96	(86 - 116)	0.95	(0-30)	SW846 8260B
2-Hexanone	89	(35 - 200)			SW846 8260B
	88	(35 - 200)	1.4	(0-52)	SW846 8260B
Isopropylbenzene	105	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.3	(0-30)	SW846 8260B
Methyl acetate	113	(70 - 130)			SW846 8260B
	112	(70 - 130)	1.2	(0-30)	SW846 8260B
Methylene chloride	108	(78 - 118)			SW846 8260B
	105	(78 - 118)	3.2	(0-30)	SW846 8260B
Methylcyclohexane	101	(70 - 130)			SW846 8260B
	98	(70 - 130)	3.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone	86	(78 - 141)			SW846 8260B
	88	(78 - 141)	2.4	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	99	(70 - 130)			SW846 8260B
	100	(70 - 130)	1.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHA1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-127 KDAHA1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	93	(85 - 117)			SW846 8260B
	91	(85 - 117)	2.1	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	91	(85 - 118)			SW846 8260B
	90	(85 - 118)	1.4	(0-30)	SW846 8260B
Tetrachloroethene	93	(88 - 113)			SW846 8260B
	90	(88 - 113)	3.0	(0-30)	SW846 8260B
Toluene	**103**	**(74 - 119)**			**SW846 8260B**
	101	**(74 - 119)**	**1.3**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	83	(70 - 130)			SW846 8260B
	82	(70 - 130)	1.9	(0-30)	SW846 8260B
1,1,1-Trichloroethane	87	(78 - 140)			SW846 8260B
	84	(78 - 140)	4.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	91	(83 - 122)			SW846 8260B
	91	(83 - 122)	0.38	(0-30)	SW846 8260B
Trichloroethene	**88**	**(75 - 122)**			**SW846 8260B**
	85	**(75 - 122)**	**3.2**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	96	(70 - 130)			SW846 8260B
	98	(70 - 130)	1.8	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	118	(70 - 130)			SW846 8260B
	115	(70 - 130)	2.6	(0-30)	SW846 8260B
Vinyl chloride	103	(61 - 120)			SW846 8260B
	101	(61 - 120)	1.4	(0-30)	SW846 8260B
Xylenes (total)	96	(87 - 116)			SW846 8260B
	95	(87 - 116)	1.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(73 - 122)
	85	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
	90	(61 - 128)
Toluene-d8	105	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	95	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-242 KDA3T1AD-LCSD
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	10	ug/L	100		SW846 8260B
	10	11	ug/L	105	4.7	SW846 8260B
1,3,5-Trimethylbenzene	10	10	ug/L	101		SW846 8260B
	10	11	ug/L	107	5.3	SW846 8260B
Acetone	10	8.2	ug/L	82		SW846 8260B
	10	8.0	ug/L	80	1.8	SW846 8260B
Benzene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**4.1**	**SW846 8260B**
Bromodichloromethane	10	9.1	ug/L	91		SW846 8260B
	10	9.6	ug/L	96	4.8	SW846 8260B
Bromoform	10	8.3	ug/L	83		SW846 8260B
	10	8.8	ug/L	88	6.0	SW846 8260B
Bromomethane	10	9.4	ug/L	94		SW846 8260B
	10	9.7	ug/L	97	2.9	SW846 8260B
2-Butanone	10	8.6	ug/L	86		SW846 8260B
	10	8.4	ug/L	84	2.2	SW846 8260B
Carbon disulfide	10	11	ug/L	105		SW846 8260B
	10	11	ug/L	108	2.9	SW846 8260B
Carbon tetrachloride	10	9.3	ug/L	93		SW846 8260B
	10	8.8	ug/L	88	5.5	SW846 8260B
Chlorobenzene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**4.8**	**SW846 8260B**
Chloroethane	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	104	1.9	SW846 8260B
Chloroform	10	8.8	ug/L	88		SW846 8260B
	10	9.1	ug/L	91	3.8	SW846 8260B
Chloromethane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	100	1.5	SW846 8260B
Cyclohexane	10	10	ug/L	102		SW846 8260B
	10	9.9	ug/L	99	2.8	SW846 8260B
Dibromochloromethane	10	9.4	ug/L	94		SW846 8260B
	10	9.7	ug/L	97	3.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	0.80	SW846 8260B
1,2-Dibromoethane	10	9.2	ug/L	92		SW846 8260B
	10	9.4	ug/L	94	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-242 KDA3T1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.6	ug/L	96	6.0	SW846 8260B
1,3-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.8	ug/L	98	5.2	SW846 8260B
1,4-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.8	ug/L	98	5.7	SW846 8260B
Dichlorodifluoromethane	10	10	ug/L	105		SW846 8260B
	10	9.7	ug/L	97	7.3	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	104	4.7	SW846 8260B
1,2-Dichloroethane	10	8.8	ug/L	88		SW846 8260B
	10	9.2	ug/L	92	3.8	SW846 8260B
1,1-Dichloroethene	**10**	**10**	**ug/L**	**103**		**SW846 8260B**
	10	**11**	**ug/L**	**110**	**5.7**	**SW846 8260B**
cis-1,2-Dichloroethene	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	3.4	SW846 8260B
trans-1,2-Dichloroethene	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	101	4.2	SW846 8260B
1,2-Dichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	103	4.1	SW846 8260B
cis-1,3-Dichloropropene	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	105	5.7	SW846 8260B
trans-1,3-Dichloropropene	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	110	4.1	SW846 8260B
Ethylbenzene	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	103	5.4	SW846 8260B
2-Hexanone	10	9.3	ug/L	93		SW846 8260B
	10	9.7	ug/L	97	4.6	SW846 8260B
Isopropylbenzene	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	111	4.2	SW846 8260B
Methyl acetate	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	107	0.57	SW846 8260B
Methylene chloride	10	10	ug/L	103		SW846 8260B
	10	11	ug/L	110	7.1	SW846 8260B
Methylcyclohexane	10	9.9	ug/L	99		SW846 8260B
	10	9.4	ug/L	94	5.7	SW846 8260B
4-Methyl-2-pentanone	10	9.1	ug/L	91		SW846 8260B
	10	9.4	ug/L	94	3.9	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	10	ug/L	101		SW846 8260B
	10	11	ug/L	105	4.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-242 KDA3T1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	102	7.4	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	101	3.2	SW846 8260B
Tetrachloroethene	10	9.0	ug/L	90		SW846 8260B
	10	9.1	ug/L	91	1.6	SW846 8260B
Toluene	**10**	**10**	**ug/L**	**103**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**3.9**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	8.7	ug/L	87		SW846 8260B
	10	9.1	ug/L	91	4.7	SW846 8260B
1,1,1-Trichloroethane	10	8.7	ug/L	87		SW846 8260B
	10	8.6	ug/L	86	0.68	SW846 8260B
1,1,2-Trichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.8	ug/L	98	4.6	SW846 8260B
Trichloroethene	**10**	**8.5**	**ug/L**	**85**		**SW846 8260B**
	10	**8.9**	**ug/L**	**89**	**4.4**	**SW846 8260B**
Trichlorofluoromethane	10	8.9	ug/L	89		SW846 8260B
	10	9.3	ug/L	93	4.4	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	116		SW846 8260B
	10	10	ug/L	104	10	SW846 8260B
Vinyl chloride	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	106	3.9	SW846 8260B
Xylenes (total)	30	29	ug/L	97		SW846 8260B
	30	31	ug/L	103	5.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(73 - 122)
	84	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
	87	(61 - 128)
Toluene-d8	105	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)
	95	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-242 KDA3T1AD-LCSD
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	100	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.7	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	101	(70 - 130)			SW846 8260B
	107	(70 - 130)	5.3	(0-30)	SW846 8260B
Acetone	82	(22 - 200)			SW846 8260B
	80	(22 - 200)	1.8	(0-95)	SW846 8260B
Benzene	**93**	**(80 - 116)**			**SW846 8260B**
	97	**(80 - 116)**	**4.1**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	91	(87 - 130)			SW846 8260B
	96	(87 - 130)	4.8	(0-30)	SW846 8260B
Bromoform	83	(76 - 150)			SW846 8260B
	88	(76 - 150)	6.0	(0-30)	SW846 8260B
Bromomethane	94	(64 - 129)			SW846 8260B
	97	(64 - 129)	2.9	(0-30)	SW846 8260B
2-Butanone	86	(28 - 237)			SW846 8260B
	84	(28 - 237)	2.2	(0-65)	SW846 8260B
Carbon disulfide	105	(73 - 139)			SW846 8260B
	108	(73 - 139)	2.9	(0-30)	SW846 8260B
Carbon tetrachloride	93	(75 - 149)			SW846 8260B
	88	(75 - 149)	5.5	(0-30)	SW846 8260B
Chlorobenzene	**94**	**(76 - 117)**			**SW846 8260B**
	98	**(76 - 117)**	**4.8**	**(0-20)**	**SW846 8260B**
Chloroethane	102	(66 - 126)			SW846 8260B
	104	(66 - 126)	1.9	(0-30)	SW846 8260B
Chloroform	88	(84 - 128)			SW846 8260B
	91	(84 - 128)	3.8	(0-30)	SW846 8260B
Chloromethane	99	(48 - 123)			SW846 8260B
	100	(48 - 123)	1.5	(0-30)	SW846 8260B
Cyclohexane	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.8	(0-30)	SW846 8260B
Dibromochloromethane	94	(81 - 138)			SW846 8260B
	97	(81 - 138)	3.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.80	(0-30)	SW846 8260B
1,2-Dibromoethane	92	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.4	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-242 KDA3T1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	96	(70 - 130)	6.0	(0-30)	SW846 8260B
1,3-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	98	(70 - 130)	5.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	98	(70 - 130)	5.7	(0-30)	SW846 8260B
Dichlorodifluoromethane	105	(70 - 130)			SW846 8260B
	97	(70 - 130)	7.3	(0-30)	SW846 8260B
1,1-Dichloroethane	100	(86 - 123)			SW846 8260B
	104	(86 - 123)	4.7	(0-30)	SW846 8260B
1,2-Dichloroethane	88	(79 - 136)			SW846 8260B
	92	(79 - 136)	3.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**103**	**(63 - 130)**			**SW846 8260B**
	110	**(63 - 130)**	**5.7**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	90	(85 - 113)			SW846 8260B
	93	(85 - 113)	3.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	97	(80 - 120)			SW846 8260B
	101	(80 - 120)	4.2	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(82 - 115)			SW846 8260B
	103	(82 - 115)	4.1	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	99	(84 - 130)			SW846 8260B
	105	(84 - 130)	5.7	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	106	(84 - 130)			SW846 8260B
	110	(84 - 130)	4.1	(0-30)	SW846 8260B
Ethylbenzene	98	(86 - 116)			SW846 8260B
	103	(86 - 116)	5.4	(0-30)	SW846 8260B
2-Hexanone	93	(35 - 200)			SW846 8260B
	97	(35 - 200)	4.6	(0-52)	SW846 8260B
Isopropylbenzene	107	(70 - 130)			SW846 8260B
	111	(70 - 130)	4.2	(0-30)	SW846 8260B
Methyl acetate	107	(70 - 130)			SW846 8260B
	107	(70 - 130)	0.57	(0-30)	SW846 8260B
Methylene chloride	103	(78 - 118)			SW846 8260B
	110	(78 - 118)	7.1	(0-30)	SW846 8260B
Methylcyclohexane	99	(70 - 130)			SW846 8260B
	94	(70 - 130)	5.7	(0-30)	SW846 8260B
4-Methyl-2-pentanone	91	(78 - 141)			SW846 8260B
	94	(78 - 141)	3.9	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	101	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDA3T1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-242 KDA3T1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	94	(85 - 117)			SW846 8260B
	102	(85 - 117)	7.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	97	(85 - 118)			SW846 8260B
	101	(85 - 118)	3.2	(0-30)	SW846 8260B
Tetrachloroethene	90	(88 - 113)			SW846 8260B
	91	(88 - 113)	1.6	(0-30)	SW846 8260B
Toluene	**103**	**(74 - 119)**			**SW846 8260B**
	107	**(74 - 119)**	**3.9**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	87	(70 - 130)			SW846 8260B
	91	(70 - 130)	4.7	(0-30)	SW846 8260B
1,1,1-Trichloroethane	87	(78 - 140)			SW846 8260B
	86	(78 - 140)	0.68	(0-30)	SW846 8260B
1,1,2-Trichloroethane	94	(83 - 122)			SW846 8260B
	98	(83 - 122)	4.6	(0-30)	SW846 8260B
Trichloroethene	**85**	**(75 - 122)**			**SW846 8260B**
	89	**(75 - 122)**	**4.4**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	89	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.4	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	116	(70 - 130)			SW846 8260B
	104	(70 - 130)	10	(0-30)	SW846 8260B
Vinyl chloride	102	(61 - 120)			SW846 8260B
	106	(61 - 120)	3.9	(0-30)	SW846 8260B
Xylenes (total)	97	(87 - 116)			SW846 8260B
	103	(87 - 116)	5.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	85	(73 - 122)
	84	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
	87	(61 - 128)
Toluene-d8	105	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	95	(74 - 116)
	95	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-096 KDF031AD-LCSD
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339096
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	102	7.5	SW846 8260B
1,3,5-Trimethylbenzene	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	103	5.9	SW846 8260B
Acetone	10	8.8	ug/L	88		SW846 8260B
	10	9.7	ug/L	97	9.2	SW846 8260B
Benzene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**5.0**	**SW846 8260B**
Bromodichloromethane	10	8.9	ug/L	89		SW846 8260B
	10	9.2	ug/L	92	3.7	SW846 8260B
Bromoform	10	8.2	ug/L	82		SW846 8260B
	10	9.0	ug/L	90	9.5	SW846 8260B
Bromomethane	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.030	SW846 8260B
2-Butanone	10	8.6	ug/L	86		SW846 8260B
	10	9.0	ug/L	90	5.3	SW846 8260B
Carbon disulfide	10	10	ug/L	101		SW846 8260B
	10	11	ug/L	107	6.0	SW846 8260B
Carbon tetrachloride	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	2.5	SW846 8260B
Chlorobenzene	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**7.5**	**SW846 8260B**
Chloroethane	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	103	0.25	SW846 8260B
Chloroform	10	8.8	ug/L	88		SW846 8260B
	10	9.2	ug/L	92	4.5	SW846 8260B
Chloromethane	10	9.6	ug/L	96		SW846 8260B
	10	10	ug/L	100	4.3	SW846 8260B
Cyclohexane	10	9.9	ug/L	99		SW846 8260B
	10	9.0	ug/L	90	9.8	SW846 8260B
Dibromochloromethane	10	8.9	ug/L	89		SW846 8260B
	10	9.5	ug/L	95	6.2	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.1	ug/L	81		SW846 8260B
	10	8.3	ug/L	83	2.3	SW846 8260B
1,2-Dibromoethane	10	8.8	ug/L	88		SW846 8260B
	10	9.4	ug/L	94	7.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-096 KDF031AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	8.8	ug/L	88		SW846 8260B
	10	9.3	ug/L	93	6.1	SW846 8260B
1,3-Dichlorobenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.5	ug/L	95	5.6	SW846 8260B
1,4-Dichlorobenzene	10	8.8	ug/L	88		SW846 8260B
	10	9.4	ug/L	94	6.5	SW846 8260B
Dichlorodifluoromethane	10	10	ug/L	101		SW846 8260B
	10	9.2	ug/L	92	9.4	SW846 8260B
1,1-Dichloroethane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	103	4.0	SW846 8260B
1,2-Dichloroethane	10	8.9	ug/L	89		SW846 8260B
	10	9.3	ug/L	93	4.7	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**107**		**SW846 8260B**
	10	**11**	**ug/L**	**108**	**0.87**	**SW846 8260B**
cis-1,2-Dichloroethene	10	8.8	ug/L	88		SW846 8260B
	10	9.2	ug/L	92	5.2	SW846 8260B
trans-1,2-Dichloroethene	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	101	3.5	SW846 8260B
1,2-Dichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	104	4.8	SW846 8260B
cis-1,3-Dichloropropene	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	101	6.8	SW846 8260B
trans-1,3-Dichloropropene	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	104	6.8	SW846 8260B
Ethylbenzene	10	9.4	ug/L	94		SW846 8260B
	10	9.9	ug/L	99	5.4	SW846 8260B
2-Hexanone	10	8.9	ug/L	89		SW846 8260B
	10	9.1	ug/L	91	2.0	SW846 8260B
Isopropylbenzene	10	10	ug/L	103		SW846 8260B
	10	11	ug/L	110	6.5	SW846 8260B
Methyl acetate	10	12	ug/L	119		SW846 8260B
	10	12	ug/L	123	2.8	SW846 8260B
Methylene chloride	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	109	6.9	SW846 8260B
Methylcyclohexane	10	9.7	ug/L	97		SW846 8260B
	10	8.7	ug/L	87	11	SW846 8260B
4-Methyl-2-pentanone	10	8.8	ug/L	88		SW846 8260B
	10	8.9	ug/L	89	1.9	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	9.8	ug/L	98		SW846 8260B
	10	11	ug/L	107	8.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-096 KDF031AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	9.4	ug/L	94		SW846 8260B
	10	10	ug/L	100	6.0	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.1	ug/L	91		SW846 8260B
	10	9.7	ug/L	97	6.5	SW846 8260B
Tetrachloroethene	10	8.8	ug/L	88		SW846 8260B
	10	8.9	ug/L	89	1.8	SW846 8260B
Toluene	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	10	**10**	**ug/L**	**103**	**4.7**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	8.0	ug/L	80		SW846 8260B
	10	8.6	ug/L	86	7.4	SW846 8260B
1,1,1-Trichloroethane	10	8.5	ug/L	85		SW846 8260B
	10	8.4	ug/L	84	1.1	SW846 8260B
1,1,2-Trichloroethane	10	9.1	ug/L	91		SW846 8260B
	10	9.6	ug/L	96	4.8	SW846 8260B
Trichloroethene	**10**	**8.6**	**ug/L**	**86**		**SW846 8260B**
	10	**8.9**	**ug/L**	**89**	**3.6**	**SW846 8260B**
Trichlorofluoromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.55	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	106	9.1	SW846 8260B
Vinyl chloride	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	103	3.4	SW846 8260B
Xylenes (total)	30	29	ug/L	95		SW846 8260B
	30	31	ug/L	102	6.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	87	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
	89	(61 - 128)
Toluene-d8	102	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	97	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-096 KDF031AD-LCSD
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339096
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	94	(70 - 130)			SW846 8260B
	102	(70 - 130)	7.5	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	103	(70 - 130)	5.9	(0-30)	SW846 8260B
Acetone	88	(22 - 200)			SW846 8260B
	97	(22 - 200)	9.2	(0-95)	SW846 8260B
Benzene	**92**	**(80 - 116)**			**SW846 8260B**
	97	**(80 - 116)**	**5.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	89	(87 - 130)			SW846 8260B
	92	(87 - 130)	3.7	(0-30)	SW846 8260B
Bromoform	82	(76 - 150)			SW846 8260B
	90	(76 - 150)	9.5	(0-30)	SW846 8260B
Bromomethane	95	(64 - 129)			SW846 8260B
	95	(64 - 129)	0.030	(0-30)	SW846 8260B
2-Butanone	86	(28 - 237)			SW846 8260B
	90	(28 - 237)	5.3	(0-65)	SW846 8260B
Carbon disulfide	101	(73 - 139)			SW846 8260B
	107	(73 - 139)	6.0	(0-30)	SW846 8260B
Carbon tetrachloride	95	(75 - 149)			SW846 8260B
	93	(75 - 149)	2.5	(0-30)	SW846 8260B
Chlorobenzene	**91**	**(76 - 117)**			**SW846 8260B**
	98	**(76 - 117)**	**7.5**	**(0-20)**	**SW846 8260B**
Chloroethane	103	(66 - 126)			SW846 8260B
	103	(66 - 126)	0.25	(0-30)	SW846 8260B
Chloroform	88	(84 - 128)			SW846 8260B
	92	(84 - 128)	4.5	(0-30)	SW846 8260B
Chloromethane	96	(48 - 123)			SW846 8260B
	100	(48 - 123)	4.3	(0-30)	SW846 8260B
Cyclohexane	99	(70 - 130)			SW846 8260B
	90	(70 - 130)	9.8	(0-30)	SW846 8260B
Dibromochloromethane	89	(81 - 138)			SW846 8260B
	95	(81 - 138)	6.2	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	81	(70 - 130)			SW846 8260B
	83	(70 - 130)	2.3	(0-30)	SW846 8260B
1,2-Dibromoethane	88	(70 - 130)			SW846 8260B
	94	(70 - 130)	7.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-096 KDF031AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	88	(70 - 130)			SW846 8260B
	93	(70 - 130)	6.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	89	(70 - 130)			SW846 8260B
	95	(70 - 130)	5.6	(0-30)	SW846 8260B
1,4-Dichlorobenzene	88	(70 - 130)			SW846 8260B
	94	(70 - 130)	6.5	(0-30)	SW846 8260B
Dichlorodifluoromethane	101	(70 - 130)			SW846 8260B
	92	(70 - 130)	9.4	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(86 - 123)			SW846 8260B
	103	(86 - 123)	4.0	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(79 - 136)			SW846 8260B
	93	(79 - 136)	4.7	(0-30)	SW846 8260B
1,1-Dichloroethene	**107**	**(63 - 130)**			**SW846 8260B**
	108	**(63 - 130)**	**0.87**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	88	(85 - 113)			SW846 8260B
	92	(85 - 113)	5.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	98	(80 - 120)			SW846 8260B
	101	(80 - 120)	3.5	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(82 - 115)			SW846 8260B
	104	(82 - 115)	4.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	94	(84 - 130)			SW846 8260B
	101	(84 - 130)	6.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	97	(84 - 130)			SW846 8260B
	104	(84 - 130)	6.8	(0-30)	SW846 8260B
Ethylbenzene	94	(86 - 116)			SW846 8260B
	99	(86 - 116)	5.4	(0-30)	SW846 8260B
2-Hexanone	89	(35 - 200)			SW846 8260B
	91	(35 - 200)	2.0	(0-52)	SW846 8260B
Isopropylbenzene	103	(70 - 130)			SW846 8260B
	110	(70 - 130)	6.5	(0-30)	SW846 8260B
Methyl acetate	119	(70 - 130)			SW846 8260B
	123	(70 - 130)	2.8	(0-30)	SW846 8260B
Methylene chloride	102	(78 - 118)			SW846 8260B
	109	(78 - 118)	6.9	(0-30)	SW846 8260B
Methylcyclohexane	97	(70 - 130)			SW846 8260B
	87	(70 - 130)	11	(0-30)	SW846 8260B
4-Methyl-2-pentanone	88	(78 - 141)			SW846 8260B
	89	(78 - 141)	1.9	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	98	(70 - 130)			SW846 8260B
	107	(70 - 130)	8.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KDF031AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A7L050000-096 KDF031AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	94	(85 - 117)			SW846 8260B
	100	(85 - 117)	6.0	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	91	(85 - 118)			SW846 8260B
	97	(85 - 118)	6.5	(0-30)	SW846 8260B
Tetrachloroethene	88	(88 - 113)			SW846 8260B
	89	(88 - 113)	1.8	(0-30)	SW846 8260B
Toluene	**99**	**(74 - 119)**			**SW846 8260B**
	103	**(74 - 119)**	**4.7**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	80	(70 - 130)			SW846 8260B
	86	(70 - 130)	7.4	(0-30)	SW846 8260B
1,1,1-Trichloroethane	85	(78 - 140)			SW846 8260B
	84	(78 - 140)	1.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	91	(83 - 122)			SW846 8260B
	96	(83 - 122)	4.8	(0-30)	SW846 8260B
Trichloroethene	**86**	**(75 - 122)**			**SW846 8260B**
	89	**(75 - 122)**	**3.6**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	95	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.55	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	116	(70 - 130)			SW846 8260B
	106	(70 - 130)	9.1	(0-30)	SW846 8260B
Vinyl chloride	99	(61 - 120)			SW846 8260B
	103	(61 - 120)	3.4	(0-30)	SW846 8260B
Xylenes (total)	95	(87 - 116)			SW846 8260B
	102	(87 - 116)	6.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	87	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
	89	(61 - 128)
Toluene-d8	102	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	98	(74 - 116)
	97	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6VM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K300133-002 KC6VM1AD-MSD
Date Sampled...: 11/29/07 15:20 **Date Received..:** 11/30/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.1	ug/L	91	3.6	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.2	ug/L	92	3.8	SW846 8260B
Acetone	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.4	ug/L	84	6.0	SW846 8260B
Benzene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**8.8**	**ug/L**	**88**	**4.0**	**SW846 8260B**
Bromodichloromethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.3	ug/L	83	3.9	SW846 8260B
Bromoform	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	7.9	ug/L	79	5.3	SW846 8260B
Bromomethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.3	ug/L	93	2.9	SW846 8260B
2-Butanone	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	7.6	ug/L	76	5.5	SW846 8260B
Carbon disulfide	ND	10	10	ug/L	104		SW846 8260B
	ND	10	10	ug/L	101	3.6	SW846 8260B
Carbon tetrachloride	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.9	ug/L	89	0.19	SW846 8260B
Chlorobenzene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**8.9**	**ug/L**	**89**	**4.1**	**SW846 8260B**
Chloroethane	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	103	1.2	SW846 8260B
Chloroform	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.4	ug/L	84	2.6	SW846 8260B
Chloromethane	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.4	ug/L	94	5.8	SW846 8260B
Cyclohexane	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	101	0.64	SW846 8260B
Dibromochloromethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.6	ug/L	86	2.4	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.4	ug/L	84	0.45	SW846 8260B
1,2-Dibromoethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.5	ug/L	85	2.3	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.4	ug/L	84	2.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6VM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K300133-002 KC6VM1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.5	ug/L	85	2.9	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.4	ug/L	84	4.4	SW846 8260B
Dichlorodifluoromethane	14	10	25	ug/L	114		SW846 8260B
	14	10	26	ug/L	125	4.4	SW846 8260B
1,1-Dichloroethane	1.2	10	11	ug/L	99		SW846 8260B
	1.2	10	11	ug/L	94	4.6	SW846 8260B
1,2-Dichloroethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.4	ug/L	84	2.8	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**6.9**	**SW846 8260B**
cis-1,2-Dichloroethene	11	10	19	ug/L	82 a		SW846 8260B
	11	10	19	ug/L	81 a	0.39	SW846 8260B
trans-1,2-Dichloroethene	0.42	10	10	ug/L	98		SW846 8260B
	0.42	10	9.8	ug/L	94	3.8	SW846 8260B
1,2-Dichloropropane	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.1	ug/L	91	5.5	SW846 8260B
cis-1,3-Dichloropropene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	8.8	ug/L	88	4.2	SW846 8260B
trans-1,3-Dichloropropene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.6	ug/L	96	2.8	SW846 8260B
Ethylbenzene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.2	ug/L	92	2.8	SW846 8260B
2-Hexanone	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.1	ug/L	91	2.8	SW846 8260B
Isopropylbenzene	ND	10	10	ug/L	105		SW846 8260B
	ND	10	10	ug/L	102	2.6	SW846 8260B
Methyl acetate	ND	10	11	ug/L	110		SW846 8260B
	ND	10	10	ug/L	104	5.7	SW846 8260B
Methylene chloride	ND	10	10	ug/L	102		SW846 8260B
	ND	10	9.6	ug/L	96	6.2	SW846 8260B
Methylcyclohexane	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	101	0.69	SW846 8260B
4-Methyl-2-pentanone	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.5	ug/L	85	3.8	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.5	ug/L	95	5.2	SW846 8260B
Styrene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.0	ug/L	90	4.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6VM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K300133-002 KC6VM1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.1	ug/L	91	3.0	SW846 8260B
Tetrachloroethene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.4	ug/L	84 a	3.8	SW846 8260B
Toluene	**ND**	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**3.6**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.0	ug/L	80	1.1	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.4	ug/L	84	4.4	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	8.7	ug/L	87	3.6	SW846 8260B
Trichloroethene	**0.34**	**10**	**8.8**	**ug/L**	**84**		**SW846 8260B**
	0.34	**10**	**8.6**	**ug/L**	**83**	**1.5**	**SW846 8260B**
Trichlorofluoromethane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	8.7	ug/L	87	8.4	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	12	ug/L	120		SW846 8260B
	ND	10	12	ug/L	116	3.3	SW846 8260B
Vinyl chloride	0.46	10	11	ug/L	103		SW846 8260B
	0.46	10	10	ug/L	99	4.1	SW846 8260B
Xylenes (total)	ND	30	29	ug/L	96		SW846 8260B
	ND	30	28	ug/L	92	4.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(73 - 122)
	85	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
	87	(61 - 128)
Toluene-d8	101	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	97	(74 - 116)
	98	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6VM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K300133-002 KC6VM1AD-MSD
Date Sampled...: 11/29/07 15:20 **Date Received..:** 11/30/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7337127
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	95	(70 - 130)			SW846 8260B
	91	(70 - 130)	3.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	96	(70 - 130)			SW846 8260B
	92	(70 - 130)	3.8	(0-30)	SW846 8260B
Acetone	79	(45 - 128)			SW846 8260B
	84	(45 - 128)	6.0	(0-30)	SW846 8260B
Benzene	**92**	**(78 - 118)**			**SW846 8260B**
	88	**(78 - 118)**	**4.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	87	(80 - 146)			SW846 8260B
	83	(80 - 146)	3.9	(0-30)	SW846 8260B
Bromoform	83	(58 - 176)			SW846 8260B
	79	(58 - 176)	5.3	(0-30)	SW846 8260B
Bromomethane	91	(55 - 145)			SW846 8260B
	93	(55 - 145)	2.9	(0-30)	SW846 8260B
2-Butanone	81	(71 - 123)			SW846 8260B
	76	(71 - 123)	5.5	(0-30)	SW846 8260B
Carbon disulfide	104	(69 - 138)			SW846 8260B
	101	(69 - 138)	3.6	(0-41)	SW846 8260B
Carbon tetrachloride	89	(63 - 176)			SW846 8260B
	89	(63 - 176)	0.19	(0-30)	SW846 8260B
Chlorobenzene	**92**	**(76 - 117)**			**SW846 8260B**
	89	**(76 - 117)**	**4.1**	**(0-20)**	**SW846 8260B**
Chloroethane	101	(59 - 142)			SW846 8260B
	103	(59 - 142)	1.2	(0-30)	SW846 8260B
Chloroform	86	(83 - 141)			SW846 8260B
	84	(83 - 141)	2.6	(0-30)	SW846 8260B
Chloromethane	100	(40 - 137)			SW846 8260B
	94	(40 - 137)	5.8	(0-39)	SW846 8260B
Cyclohexane	102	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.64	(0-30)	SW846 8260B
Dibromochloromethane	89	(71 - 158)			SW846 8260B
	86	(71 - 158)	2.4	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	84	(70 - 130)			SW846 8260B
	84	(70 - 130)	0.45	(0-30)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)			SW846 8260B
	85	(70 - 130)	2.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	86	(70 - 130)			SW846 8260B
	84	(70 - 130)	2.0	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6VM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K300133-002 KC6VM1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	88	(70 - 130)			SW846 8260B
	85	(70 - 130)	2.9	(0-30)	SW846 8260B
1,4-Dichlorobenzene	87	(70 - 130)			SW846 8260B
	84	(70 - 130)	4.4	(0-30)	SW846 8260B
Dichlorodifluoromethane	114	(70 - 130)			SW846 8260B
	125	(70 - 130)	4.4	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(88 - 127)			SW846 8260B
	94	(88 - 127)	4.6	(0-30)	SW846 8260B
1,2-Dichloroethane	87	(71 - 160)			SW846 8260B
	84	(71 - 160)	2.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(62 - 130)**			**SW846 8260B**
	101	**(62 - 130)**	**6.9**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	82 a	(87 - 114)			SW846 8260B
	81 a	(87 - 114)	0.39	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	98	(85 - 116)			SW846 8260B
	94	(85 - 116)	3.8	(0-30)	SW846 8260B
1,2-Dichloropropane	97	(87 - 114)			SW846 8260B
	91	(87 - 114)	5.5	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	92	(82 - 130)			SW846 8260B
	88	(82 - 130)	4.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	99	(73 - 147)			SW846 8260B
	96	(73 - 147)	2.8	(0-30)	SW846 8260B
Ethylbenzene	95	(86 - 132)			SW846 8260B
	92	(86 - 132)	2.8	(0-30)	SW846 8260B
2-Hexanone	93	(81 - 128)			SW846 8260B
	91	(81 - 128)	2.8	(0-30)	SW846 8260B
Isopropylbenzene	105	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.6	(0-30)	SW846 8260B
Methyl acetate	110	(70 - 130)			SW846 8260B
	104	(70 - 130)	5.7	(0-30)	SW846 8260B
Methylene chloride	102	(82 - 115)			SW846 8260B
	96	(82 - 115)	6.2	(0-30)	SW846 8260B
Methylcyclohexane	100	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.69	(0-30)	SW846 8260B
4-Methyl-2-pentanone	88	(82 - 135)			SW846 8260B
	85	(82 - 135)	3.8	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	100	(70 - 130)			SW846 8260B
	95	(70 - 130)	5.2	(0-30)	SW846 8260B
Styrene	94	(83 - 120)			SW846 8260B
	90	(83 - 120)	4.2	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6VM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K300133-002 KC6VM1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	93	(88 - 116)			SW846 8260B
	91	(88 - 116)	3.0	(0-30)	SW846 8260B
Tetrachloroethene	87	(85 - 121)			SW846 8260B
	84 a	(85 - 121)	3.8	(0-30)	SW846 8260B
Toluene	**98**	**(70 - 119)**			**SW846 8260B**
	94	**(70 - 119)**	**3.6**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	81	(70 - 130)			SW846 8260B
	80	(70 - 130)	1.1	(0-30)	SW846 8260B
1,1,1-Trichloroethane	80	(71 - 162)			SW846 8260B
	84	(71 - 162)	4.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	90	(86 - 129)			SW846 8260B
	87	(86 - 129)	3.6	(0-30)	SW846 8260B
Trichloroethene	**84**	**(62 - 130)**			**SW846 8260B**
	83	**(62 - 130)**	**1.5**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	94	(70 - 130)			SW846 8260B
	87	(70 - 130)	8.4	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	120	(70 - 130)			SW846 8260B
	116	(70 - 130)	3.3	(0-30)	SW846 8260B
Vinyl chloride	103	(88 - 126)			SW846 8260B
	99	(88 - 126)	4.1	(0-30)	SW846 8260B
Xylenes (total)	96	(89 - 121)			SW846 8260B
	92	(89 - 121)	4.1	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(73 - 122)
	85	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
	87	(61 - 128)
Toluene-d8	101	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	97	(74 - 116)
	98	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CF-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CG-MSD
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.6	ug/L	96	2.8	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.7	ug/L	97	2.4	SW846 8260B
Acetone	ND	10	10	ug/L	103		SW846 8260B
	ND	10	9.0	ug/L	90	14	SW846 8260B
Benzene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**1.2**	**SW846 8260B**
Bromodichloromethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	1.2	SW846 8260B
Bromoform	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.7	ug/L	87	4.2	SW846 8260B
Bromomethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	10	ug/L	100	5.2	SW846 8260B
2-Butanone	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.1	ug/L	91	2.1	SW846 8260B
Carbon disulfide	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	10	ug/L	101	3.3	SW846 8260B
Carbon tetrachloride	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.0	ug/L	90	4.8	SW846 8260B
Chlorobenzene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**9.5**	**ug/L**	**95**	**3.1**	**SW846 8260B**
Chloroethane	ND	10	10	ug/L	105		SW846 8260B
	ND	10	11	ug/L	106	1.4	SW846 8260B
Chloroform	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	2.6	SW846 8260B
Chloromethane	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	101	0.05	SW846 8260B
Cyclohexane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.6	ug/L	86	2.0	SW846 8260B
Dibromochloromethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.3	ug/L	93	4.8	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	3.5	SW846 8260B
1,2-Dibromoethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.3	ug/L	93	4.7	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.9	ug/L	89	1.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CF-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.0	ug/L	90	0.10	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	2.0	SW846 8260B
Dichlorodifluoromethane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.4	ug/L	94	0.92	SW846 8260B
1,1-Dichloroethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	103	3.3	SW846 8260B
1,2-Dichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.0	ug/L	90	1.4	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**9.9**	**ug/L**	**99**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**0.43**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.0	ug/L	90	1.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	10	ug/L	102	3.2	SW846 8260B
1,2-Dichloropropane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	100	1.3	SW846 8260B
cis-1,3-Dichloropropene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.9	ug/L	89	2.6	SW846 8260B
trans-1,3-Dichloropropene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.8	ug/L	98	3.8	SW846 8260B
Ethylbenzene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.6	ug/L	96	2.8	SW846 8260B
2-Hexanone	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	103	1.9	SW846 8260B
Isopropylbenzene	ND	10	10	ug/L	102		SW846 8260B
	ND	10	11	ug/L	106	3.6	SW846 8260B
Methyl acetate	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.9	ug/L	99	4.2	SW846 8260B
Methylene chloride	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.9	ug/L	99	0.42	SW846 8260B
Methylcyclohexane	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	7.9	ug/L	79	1.1	SW846 8260B
4-Methyl-2-pentanone	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.5	ug/L	95	4.2	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	11	ug/L	105		SW846 8260B
	ND	10	11	ug/L	106	0.86	SW846 8260B
Styrene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.6	ug/L	96	1.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CF-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	102	1.0	SW846 8260B
Tetrachloroethene	ND	10	8.2	ug/L	82 a		SW846 8260B
	ND	10	8.6	ug/L	86	4.1	SW846 8260B
Toluene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**2.8**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.0	ug/L	80	4.3	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.8	ug/L	88	3.4	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.0	SW846 8260B
Trichloroethene	**ND**	**10**	**8.3**	**ug/L**	**83**		**SW846 8260B**
	ND	**10**	**8.4**	**ug/L**	**84**	**1.5**	**SW846 8260B**
Trichlorofluoromethane	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.7	ug/L	87	4.5	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	103	2.1	SW846 8260B
Vinyl chloride	ND	10	10	ug/L	103		SW846 8260B
	ND	10	10	ug/L	104	0.94	SW846 8260B
Xylenes (total)	ND	30	28	ug/L	95		SW846 8260B
	ND	30	29	ug/L	97	2.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
	88	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	99	(76 - 110)
	100	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)
	100	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CF-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CG-MSD
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 11/30/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7337242
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	93	(70 - 130)			SW846 8260B
	96	(70 - 130)	2.8	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	95	(70 - 130)			SW846 8260B
	97	(70 - 130)	2.4	(0-30)	SW846 8260B
Acetone	103	(45 - 128)			SW846 8260B
	90	(45 - 128)	14	(0-30)	SW846 8260B
Benzene	**93**	**(78 - 118)**			**SW846 8260B**
	94	**(78 - 118)**	**1.2**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	88	(80 - 146)			SW846 8260B
	90	(80 - 146)	1.2	(0-30)	SW846 8260B
Bromoform	84	(58 - 176)			SW846 8260B
	87	(58 - 176)	4.2	(0-30)	SW846 8260B
Bromomethane	95	(55 - 145)			SW846 8260B
	100	(55 - 145)	5.2	(0-30)	SW846 8260B
2-Butanone	89	(71 - 123)			SW846 8260B
	91	(71 - 123)	2.1	(0-30)	SW846 8260B
Carbon disulfide	97	(69 - 138)			SW846 8260B
	101	(69 - 138)	3.3	(0-41)	SW846 8260B
Carbon tetrachloride	86	(63 - 176)			SW846 8260B
	90	(63 - 176)	4.8	(0-30)	SW846 8260B
Chlorobenzene	**92**	**(76 - 117)**			**SW846 8260B**
	95	**(76 - 117)**	**3.1**	**(0-20)**	**SW846 8260B**
Chloroethane	105	(59 - 142)			SW846 8260B
	106	(59 - 142)	1.4	(0-30)	SW846 8260B
Chloroform	88	(83 - 141)			SW846 8260B
	90	(83 - 141)	2.6	(0-30)	SW846 8260B
Chloromethane	101	(40 - 137)			SW846 8260B
	101	(40 - 137)	0.05	(0-39)	SW846 8260B
Cyclohexane	85	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.0	(0-30)	SW846 8260B
Dibromochloromethane	88	(71 - 158)			SW846 8260B
	93	(71 - 158)	4.8	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	86	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2-Dibromoethane	89	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	87	(70 - 130)			SW846 8260B
	89	(70 - 130)	1.9	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CF-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	90	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.10	(0-30)	SW846 8260B
1,4-Dichlorobenzene	88	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.0	(0-30)	SW846 8260B
Dichlorodifluoromethane	93	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.92	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(88 - 127)			SW846 8260B
	103	(88 - 127)	3.3	(0-30)	SW846 8260B
1,2-Dichloroethane	92	(71 - 160)			SW846 8260B
	90	(71 - 160)	1.4	(0-30)	SW846 8260B
1,1-Dichloroethene	**99**	**(62 - 130)**			**SW846 8260B**
	100	**(62 - 130)**	**0.43**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	89	(87 - 114)			SW846 8260B
	90	(87 - 114)	1.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	98	(85 - 116)			SW846 8260B
	102	(85 - 116)	3.2	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(87 - 114)			SW846 8260B
	100	(87 - 114)	1.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	87	(82 - 130)			SW846 8260B
	89	(82 - 130)	2.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	94	(73 - 147)			SW846 8260B
	98	(73 - 147)	3.8	(0-30)	SW846 8260B
Ethylbenzene	93	(86 - 132)			SW846 8260B
	96	(86 - 132)	2.8	(0-30)	SW846 8260B
2-Hexanone	101	(81 - 128)			SW846 8260B
	103	(81 - 128)	1.9	(0-30)	SW846 8260B
Isopropylbenzene	102	(70 - 130)			SW846 8260B
	106	(70 - 130)	3.6	(0-30)	SW846 8260B
Methyl acetate	95	(70 - 130)			SW846 8260B
	99	(70 - 130)	4.2	(0-30)	SW846 8260B
Methylene chloride	100	(82 - 115)			SW846 8260B
	99	(82 - 115)	0.42	(0-30)	SW846 8260B
Methylcyclohexane	79	(70 - 130)			SW846 8260B
	79	(70 - 130)	1.1	(0-30)	SW846 8260B
4-Methyl-2-pentanone	91	(82 - 135)			SW846 8260B
	95	(82 - 135)	4.2	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	105	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.86	(0-30)	SW846 8260B
Styrene	95	(83 - 120)			SW846 8260B
	96	(83 - 120)	1.2	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CF-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	101	(88 - 116)			SW846 8260B
	102	(88 - 116)	1.0	(0-30)	SW846 8260B
Tetrachloroethene	82 a	(85 - 121)			SW846 8260B
	86	(85 - 121)	4.1	(0-30)	SW846 8260B
Toluene	**96**	**(70 - 119)**			**SW846 8260B**
	99	**(70 - 119)**	**2.8**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	77	(70 - 130)			SW846 8260B
	80	(70 - 130)	4.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	85	(71 - 162)			SW846 8260B
	88	(71 - 162)	3.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	92	(86 - 129)			SW846 8260B
	95	(86 - 129)	3.0	(0-30)	SW846 8260B
Trichloroethene	**83**	**(62 - 130)**			**SW846 8260B**
	84	**(62 - 130)**	**1.5**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	83	(70 - 130)			SW846 8260B
	87	(70 - 130)	4.5	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	101	(70 - 130)			SW846 8260B
	103	(70 - 130)	2.1	(0-30)	SW846 8260B
Vinyl chloride	103	(88 - 126)			SW846 8260B
	104	(88 - 126)	0.94	(0-30)	SW846 8260B
Xylenes (total)	95	(89 - 121)			SW846 8260B
	97	(89 - 121)	2.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(73 - 122)
	88	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	99	(76 - 110)
	100	(76 - 110)
4-Bromofluorobenzene	99	(74 - 116)
	100	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC9RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L010182-012 KC9RP1AD-MSD
Date Sampled...: 11/30/07 12:45 **Date Received..:** 12/01/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339096
Dilution Factor: 33.33 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	330	300	ug/L	90		SW846 8260B
	ND	330	300	ug/L	91	1.4	SW846 8260B
1,3,5-Trimethylbenzene	ND	330	300	ug/L	89		SW846 8260B
	ND	330	310	ug/L	93	3.8	SW846 8260B
Acetone	ND	330	320	ug/L	95		SW846 8260B
	ND	330	310	ug/L	92	3.3	SW846 8260B
Benzene	**ND**	**330**	**300**	**ug/L**	**91**		**SW846 8260B**
	ND	**330**	**300**	**ug/L**	**91**	**0.54**	**SW846 8260B**
Bromodichloromethane	ND	330	280	ug/L	85		SW846 8260B
	ND	330	290	ug/L	87	1.9	SW846 8260B
Bromoform	ND	330	280	ug/L	84		SW846 8260B
	ND	330	280	ug/L	85	0.59	SW846 8260B
Bromomethane	ND	330	300	ug/L	91		SW846 8260B
	ND	330	300	ug/L	89	2.3	SW846 8260B
2-Butanone	ND	330	290	ug/L	86		SW846 8260B
	ND	330	300	ug/L	91	5.9	SW846 8260B
Carbon disulfide	ND	330	350	ug/L	104		SW846 8260B
	ND	330	340	ug/L	103	1.2	SW846 8260B
Carbon tetrachloride	ND	330	270	ug/L	82		SW846 8260B
	ND	330	290	ug/L	87	5.6	SW846 8260B
Chlorobenzene	**720**	**330**	**1000**	**ug/L**	**96**		**SW846 8260B**
	720	**330**	**1000**	**ug/L**	**97**	**0.55**	**SW846 8260B**
Chloroethane	ND	330	340	ug/L	101		SW846 8260B
	ND	330	340	ug/L	101	0.72	SW846 8260B
Chloroform	ND	330	290	ug/L	87		SW846 8260B
	ND	330	290	ug/L	88	1.1	SW846 8260B
Chloromethane	ND	330	310	ug/L	94		SW846 8260B
	ND	330	310	ug/L	93	1.5	SW846 8260B
Cyclohexane	ND	330	290	ug/L	87		SW846 8260B
	ND	330	300	ug/L	90	3.3	SW846 8260B
Dibromochloromethane	ND	330	290	ug/L	88		SW846 8260B
	ND	330	290	ug/L	87	0.44	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	330	270	ug/L	80		SW846 8260B
	ND	330	270	ug/L	81	1.6	SW846 8260B
1,2-Dibromoethane	ND	330	290	ug/L	86		SW846 8260B
	ND	330	290	ug/L	86	0.39	SW846 8260B
1,2-Dichlorobenzene	13	330	290	ug/L	82		SW846 8260B
	13	330	300	ug/L	85	2.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC9RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L010182-012 KC9RP1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	810	330	1100	ug/L	87		SW846 8260B
	810	330	1100	ug/L	94	1.9	SW846 8260B
1,4-Dichlorobenzene	650	330	920	ug/L	80		SW846 8260B
	650	330	940	ug/L	86	2.3	SW846 8260B
Dichlorodifluoromethane	ND	330	300	ug/L	91		SW846 8260B
	ND	330	310	ug/L	92	1.3	SW846 8260B
1,1-Dichloroethane	ND	330	320	ug/L	97		SW846 8260B
	ND	330	320	ug/L	97	0.01	SW846 8260B
1,2-Dichloroethane	ND	330	300	ug/L	89		SW846 8260B
	ND	330	290	ug/L	88	0.91	SW846 8260B
1,1-Dichloroethene	**ND**	**330**	**330**	**ug/L**	**99**		**SW846 8260B**
	ND	**330**	**350**	**ug/L**	**104**	**4.1**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	330	290	ug/L	88		SW846 8260B
	ND	330	290	ug/L	88	0.01	SW846 8260B
trans-1,2-Dichloroethene	ND	330	320	ug/L	96		SW846 8260B
	ND	330	320	ug/L	96	0.18	SW846 8260B
1,2-Dichloropropane	ND	330	310	ug/L	93		SW846 8260B
	ND	330	320	ug/L	95	2.2	SW846 8260B
cis-1,3-Dichloropropene	ND	330	280	ug/L	84		SW846 8260B
	ND	330	290	ug/L	87	2.8	SW846 8260B
trans-1,3-Dichloropropene	ND	330	300	ug/L	90		SW846 8260B
	ND	330	310	ug/L	92	2.4	SW846 8260B
Ethylbenzene	ND	330	310	ug/L	92		SW846 8260B
	ND	330	310	ug/L	94	1.8	SW846 8260B
2-Hexanone	ND	330	290	ug/L	87		SW846 8260B
	ND	330	290	ug/L	86	1.2	SW846 8260B
Isopropylbenzene	ND	330	330	ug/L	100		SW846 8260B
	ND	330	340	ug/L	102	2.0	SW846 8260B
Methyl acetate	ND	330	410	ug/L	123		SW846 8260B
	ND	330	420	ug/L	125	1.1	SW846 8260B
Methylene chloride	ND	330	340	ug/L	102		SW846 8260B
	ND	330	340	ug/L	103	0.65	SW846 8260B
Methylcyclohexane	ND	330	280	ug/L	85		SW846 8260B
	ND	330	290	ug/L	88	3.3	SW846 8260B
4-Methyl-2-pentanone	ND	330	270	ug/L	82		SW846 8260B
	ND	330	270	ug/L	81 a	0.30	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	330	330	ug/L	98		SW846 8260B
	ND	330	330	ug/L	98	0.61	SW846 8260B
Styrene	ND	330	310	ug/L	93		SW846 8260B
	ND	330	310	ug/L	93	0.48	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC9RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L010182-012 KC9RP1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	330	310	ug/L	92		SW846 8260B
	ND	330	310	ug/L	93	0.88	SW846 8260B
Tetrachloroethene	ND	330	270	ug/L	80 a		SW846 8260B
	ND	330	280	ug/L	84 a	3.9	SW846 8260B
Toluene	**ND**	**330**	**310**	**ug/L**	**93**		**SW846 8260B**
	ND	**330**	**310**	**ug/L**	**94**	**1.6**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	330	240	ug/L	73		SW846 8260B
	ND	330	250	ug/L	76	3.5	SW846 8260B
1,1,1-Trichloroethane	ND	330	270	ug/L	80		SW846 8260B
	ND	330	280	ug/L	83	3.4	SW846 8260B
1,1,2-Trichloroethane	ND	330	300	ug/L	89		SW846 8260B
	ND	330	300	ug/L	90	0.73	SW846 8260B
Trichloroethene	**ND**	**330**	**270**	**ug/L**	**82**		**SW846 8260B**
	ND	**330**	**280**	**ug/L**	**83**	**1.2**	**SW846 8260B**
Trichlorofluoromethane	ND	330	330	ug/L	98		SW846 8260B
	ND	330	310	ug/L	92	5.6	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	330	350	ug/L	106		SW846 8260B
	ND	330	360	ug/L	109	2.8	SW846 8260B
Vinyl chloride	ND	330	310	ug/L	93		SW846 8260B
	ND	330	330	ug/L	100	6.3	SW846 8260B
Xylenes (total)	ND	1000	940	ug/L	94		SW846 8260B
	ND	1000	950	ug/L	95	0.91	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(73 - 122)
	88	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	98	(76 - 110)
	98	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)
	99	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC9RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L010182-012 KC9RP1AD-MSD
Date Sampled...: 11/30/07 12:45 **Date Received..:** 12/01/07
Prep Date.....: 12/04/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7339096
Dilution Factor: 33.33 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	91	(70 - 130)	1.4	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	93	(70 - 130)	3.8	(0-30)	SW846 8260B
Acetone	95	(45 - 128)			SW846 8260B
	92	(45 - 128)	3.3	(0-30)	SW846 8260B
Benzene	**91**	**(78 - 118)**			**SW846 8260B**
	91	**(78 - 118)**	**0.54**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	85	(80 - 146)			SW846 8260B
	87	(80 - 146)	1.9	(0-30)	SW846 8260B
Bromoform	84	(58 - 176)			SW846 8260B
	85	(58 - 176)	0.59	(0-30)	SW846 8260B
Bromomethane	91	(55 - 145)			SW846 8260B
	89	(55 - 145)	2.3	(0-30)	SW846 8260B
2-Butanone	86	(71 - 123)			SW846 8260B
	91	(71 - 123)	5.9	(0-30)	SW846 8260B
Carbon disulfide	104	(69 - 138)			SW846 8260B
	103	(69 - 138)	1.2	(0-41)	SW846 8260B
Carbon tetrachloride	82	(63 - 176)			SW846 8260B
	87	(63 - 176)	5.6	(0-30)	SW846 8260B
Chlorobenzene	**96**	**(76 - 117)**			**SW846 8260B**
	97	**(76 - 117)**	**0.55**	**(0-20)**	**SW846 8260B**
Chloroethane	101	(59 - 142)			SW846 8260B
	101	(59 - 142)	0.72	(0-30)	SW846 8260B
Chloroform	87	(83 - 141)			SW846 8260B
	88	(83 - 141)	1.1	(0-30)	SW846 8260B
Chloromethane	94	(40 - 137)			SW846 8260B
	93	(40 - 137)	1.5	(0-39)	SW846 8260B
Cyclohexane	87	(70 - 130)			SW846 8260B
	90	(70 - 130)	3.3	(0-30)	SW846 8260B
Dibromochloromethane	88	(71 - 158)			SW846 8260B
	87	(71 - 158)	0.44	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	80	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.6	(0-30)	SW846 8260B
1,2-Dibromoethane	86	(70 - 130)			SW846 8260B
	86	(70 - 130)	0.39	(0-30)	SW846 8260B
1,2-Dichlorobenzene	82	(70 - 130)			SW846 8260B
	85	(70 - 130)	2.8	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC9RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L010182-012 KC9RP1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	87	(70 - 130)			SW846 8260B
	94	(70 - 130)	1.9	(0-30)	SW846 8260B
1,4-Dichlorobenzene	80	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.3	(0-30)	SW846 8260B
1,1-Dichloroethane	97	(88 - 127)			SW846 8260B
	97	(88 - 127)	0.01	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(71 - 160)			SW846 8260B
	88	(71 - 160)	0.91	(0-30)	SW846 8260B
1,1-Dichloroethene	**99**	**(62 - 130)**			**SW846 8260B**
	104	**(62 - 130)**	**4.1**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	88	(87 - 114)			SW846 8260B
	88	(87 - 114)	0.01	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	96	(85 - 116)			SW846 8260B
	96	(85 - 116)	0.18	(0-30)	SW846 8260B
1,2-Dichloropropane	93	(87 - 114)			SW846 8260B
	95	(87 - 114)	2.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	84	(82 - 130)			SW846 8260B
	87	(82 - 130)	2.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	90	(73 - 147)			SW846 8260B
	92	(73 - 147)	2.4	(0-30)	SW846 8260B
Ethylbenzene	92	(86 - 132)			SW846 8260B
	94	(86 - 132)	1.8	(0-30)	SW846 8260B
2-Hexanone	87	(81 - 128)			SW846 8260B
	86	(81 - 128)	1.2	(0-30)	SW846 8260B
Isopropylbenzene	100	(70 - 130)			SW846 8260B
	102	(70 - 130)	2.0	(0-30)	SW846 8260B
Methyl acetate	123	(70 - 130)			SW846 8260B
	125	(70 - 130)	1.1	(0-30)	SW846 8260B
Methylene chloride	102	(82 - 115)			SW846 8260B
	103	(82 - 115)	0.65	(0-30)	SW846 8260B
Methylcyclohexane	85	(70 - 130)			SW846 8260B
	88	(70 - 130)	3.3	(0-30)	SW846 8260B
4-Methyl-2-pentanone	82	(82 - 135)			SW846 8260B
	81 a	(82 - 135)	0.30	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	98	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.61	(0-30)	SW846 8260B
Styrene	93	(83 - 120)			SW846 8260B
	93	(83 - 120)	0.48	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 7K28195 **Work Order #...:** KC9RP1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A7L010182-012 KC9RP1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	92	(88 - 116)			SW846 8260B
	93	(88 - 116)	0.88	(0-30)	SW846 8260B
Tetrachloroethene	80 a	(85 - 121)			SW846 8260B
	84 a	(85 - 121)	3.9	(0-30)	SW846 8260B
Toluene	**93**	**(70 - 119)**			**SW846 8260B**
	94	**(70 - 119)**	**1.6**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	73	(70 - 130)			SW846 8260B
	76	(70 - 130)	3.5	(0-30)	SW846 8260B
1,1,1-Trichloroethane	80	(71 - 162)			SW846 8260B
	83	(71 - 162)	3.4	(0-30)	SW846 8260B
1,1,2-Trichloroethane	89	(86 - 129)			SW846 8260B
	90	(86 - 129)	0.73	(0-30)	SW846 8260B
Trichloroethene	**82**	**(62 - 130)**			**SW846 8260B**
	83	**(62 - 130)**	**1.2**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	98	(70 - 130)			SW846 8260B
	92	(70 - 130)	5.6	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	106	(70 - 130)			SW846 8260B
	109	(70 - 130)	2.8	(0-30)	SW846 8260B
Vinyl chloride	93	(88 - 126)			SW846 8260B
	100	(88 - 126)	6.3	(0-30)	SW846 8260B
Xylenes (total)	94	(89 - 121)			SW846 8260B
	95	(89 - 121)	0.91	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(73 - 122)
	88	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	98	(76 - 110)
	98	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)
	99	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X31AF **Matrix.....:** WG
Date Sampled...: 11/27/07 09:15 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X31AF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X31AF **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(27 - 111)
2-Fluorobiphenyl	70	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	58	(10 - 110)
2-Fluorophenol	50	(10 - 110)
2,4,6-Tribromophenol	94	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A1AQ **Matrix.....:** WG
Date Sampled...: 11/27/07 10:25 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/07/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 930 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
Terphenyl-d14	101	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	36	(10 - 110)
2,4,6-Tribromophenol	82	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E1AQ **Matrix.....:** WG
Date Sampled...: 11/27/07 11:55 **Date Received..:** 11/28/07
Prep Date.....: 12/02/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7337129
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	75	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
Terphenyl-d14	85	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	77	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K1CL **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 820 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.2	ug/L	0.52
Pyridine	ND	1.2	ug/L	0.78
Acenaphthene	ND	0.24	ug/L	0.054
Acenaphthylene	ND	0.24	ug/L	0.054
Acetophenone	ND	1.2	ug/L	0.55
Anthracene	ND	0.24	ug/L	0.054
Atrazine	ND	1.2	ug/L	0.65
Benzo(a)anthracene	ND	0.24	ug/L	0.052
Benzo(a)pyrene	ND	0.24	ug/L	0.048
Benzo(b)fluoranthene	ND	0.24	ug/L	0.049
Benzo(ghi)perylene	ND	0.24	ug/L	0.053
Benzo(k)fluoranthene	ND	0.24	ug/L	0.049
Benzaldehyde	ND	1.2	ug/L	0.75
1,1'-Biphenyl	ND	1.2	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.2	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.2	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.2	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.4	ug/L	0.52
Butyl benzyl phthalate	ND	1.2	ug/L	0.51
Caprolactam	ND	6.1	ug/L	0.61
Carbazole	ND	1.2	ug/L	0.54
4-Chloroaniline	ND	2.4	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.4	ug/L	0.41
2-Chloronaphthalene	ND	1.2	ug/L	0.62
2-Chlorophenol	ND	1.2	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.4	ug/L	0.55
Chrysene	ND	0.24	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.24	ug/L	0.039
Dibenzofuran	ND	1.2	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.2	ug/L	0.48
2,4-Dichlorophenol	ND	2.4	ug/L	1.1
Diethyl phthalate	ND	1.2	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K1CL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.4	ug/L	0.56
Dimethyl phthalate	ND	1.2	ug/L	0.44
Di-n-butyl phthalate	ND	1.2	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	6.1	ug/L	0.27
2,4-Dinitrophenol	ND	6.1	ug/L	3.5
2,4-Dinitrotoluene	ND	6.1	ug/L	0.40
2,6-Dinitrotoluene	ND	6.1	ug/L	0.47
Di-n-octyl phthalate	ND	1.2	ug/L	0.39
Fluoranthene	ND	0.24	ug/L	0.036
Fluorene	ND	0.24	ug/L	0.043
Hexachlorobenzene	ND	0.24	ug/L	0.065
Hexachlorobutadiene	ND	1.2	ug/L	0.51
Hexachlorocyclopenta-diene	ND	6.1	ug/L	0.74
Hexachloroethane	ND	1.2	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.24	ug/L	0.065
Isophorone	ND	1.2	ug/L	0.50
2-Methylnaphthalene	ND	0.24	ug/L	0.061
2-Methylphenol	ND	1.2	ug/L	0.56
4-Methylphenol	ND	1.2	ug/L	0.64
Naphthalene	ND	0.24	ug/L	0.069
2-Nitroaniline	ND	2.4	ug/L	0.43
3-Nitroaniline	ND	2.4	ug/L	0.67
4-Nitroaniline	ND	2.4	ug/L	0.47
Nitrobenzene	ND	1.2	ug/L	0.053
2-Nitrophenol	ND	2.4	ug/L	1.3
4-Nitrophenol	ND	6.1	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.2	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.2	ug/L	0.46
Pentachlorophenol	ND	6.1	ug/L	0.48
Phenanthrene	ND	0.24	ug/L	0.087
Phenol	ND	1.2	ug/L	0.96
Pyrene	ND	0.24	ug/L	0.048
2,4,5-Trichloro-phenol	ND	6.1	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.9	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K1CL **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	90	(37 - 119)
Phenol-d5	57	(10 - 110)
2-Fluorophenol	34	(10 - 110)
2,4,6-Tribromophenol	92	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M1AQ **Matrix.....:** WG
Date Sampled...: 11/27/07 15:30 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	68	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
Terphenyl-d14	94	(37 - 119)
Phenol-d5	58	(10 - 110)
2-Fluorophenol	38	(10 - 110)
2,4,6-Tribromophenol	93	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q1AQ **Matrix.....:** WG
Date Sampled...: 11/27/07 16:00 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 830 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.2	ug/L	0.52
Pyridine	ND	1.2	ug/L	0.78
Acenaphthene	ND	0.24	ug/L	0.054
Acenaphthylene	ND	0.24	ug/L	0.054
Acetophenone	ND	1.2	ug/L	0.55
Anthracene	ND	0.24	ug/L	0.054
Atrazine	ND	1.2	ug/L	0.65
Benzo(a)anthracene	ND	0.24	ug/L	0.052
Benzo(a)pyrene	ND	0.24	ug/L	0.048
Benzo(b)fluoranthene	ND	0.24	ug/L	0.049
Benzo(ghi)perylene	ND	0.24	ug/L	0.053
Benzo(k)fluoranthene	ND	0.24	ug/L	0.049
Benzaldehyde	ND	1.2	ug/L	0.75
1,1'-Biphenyl	ND	1.2	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.2	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.2	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.2	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.4	ug/L	0.52
Butyl benzyl phthalate	ND	1.2	ug/L	0.51
Caprolactam	ND	6.0	ug/L	0.61
Carbazole	ND	1.2	ug/L	0.54
4-Chloroaniline	ND	2.4	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.4	ug/L	0.41
2-Chloronaphthalene	ND	1.2	ug/L	0.62
2-Chlorophenol	ND	1.2	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.4	ug/L	0.55
Chrysene	ND	0.24	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.24	ug/L	0.039
Dibenzofuran	ND	1.2	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.2	ug/L	0.48
2,4-Dichlorophenol	ND	2.4	ug/L	1.1
Diethyl phthalate	ND	1.2	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.4	ug/L	0.56
Dimethyl phthalate	ND	1.2	ug/L	0.44
Di-n-butyl phthalate	ND	1.2	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	6.0	ug/L	0.27
2,4-Dinitrophenol	ND	6.0	ug/L	3.5
2,4-Dinitrotoluene	ND	6.0	ug/L	0.40
2,6-Dinitrotoluene	ND	6.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.2	ug/L	0.39
Fluoranthene	ND	0.24	ug/L	0.036
Fluorene	ND	0.24	ug/L	0.043
Hexachlorobenzene	ND	0.24	ug/L	0.065
Hexachlorobutadiene	ND	1.2	ug/L	0.51
Hexachlorocyclopenta-diene	ND	6.0	ug/L	0.74
Hexachloroethane	ND	1.2	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.24	ug/L	0.065
Isophorone	ND	1.2	ug/L	0.50
2-Methylnaphthalene	ND	0.24	ug/L	0.061
2-Methylphenol	ND	1.2	ug/L	0.56
4-Methylphenol	ND	1.2	ug/L	0.64
Naphthalene	ND	0.24	ug/L	0.069
2-Nitroaniline	ND	2.4	ug/L	0.43
3-Nitroaniline	ND	2.4	ug/L	0.67
4-Nitroaniline	ND	2.4	ug/L	0.47
Nitrobenzene	ND	1.2	ug/L	0.053
2-Nitrophenol	ND	2.4	ug/L	1.3
4-Nitrophenol	ND	6.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.2	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.2	ug/L	0.46
Pentachlorophenol	ND	6.0	ug/L	0.48
Phenanthrene	ND	0.24	ug/L	0.087
Phenol	ND	1.2	ug/L	0.96
Pyrene	ND	0.24	ug/L	0.048
2,4,5-Trichloro-phenol	ND	6.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.8	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

GC/MS Semivolatiles

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	62	(28 - 110)
Terphenyl-d14	111	(37 - 119)
Phenol-d5	54	(10 - 110)
2-Fluorophenol	31	(10 - 110)
2,4,6-Tribromophenol	97	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E31AF **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07
Prep Date.....: 11/30/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7334040
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E31AF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E31AF **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	56	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	94	(37 - 119)
Phenol-d5	47	(10 - 110)
2-Fluorophenol	39	(10 - 110)
2,4,6-Tribromophenol	78	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E41AQ **Matrix.....:** WG
Date Sampled...: 11/28/07 10:40 **Date Received..:** 11/29/07
Prep Date.....: 11/30/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7334040
Dilution Factor: 1 **Initial Wgt/Vol:** 910 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E41AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E41AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	100	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	44	(10 - 110)
2,4,6-Tribromophenol	81	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E61AQ **Matrix.....:** WG
Date Sampled...: 11/28/07 12:50 **Date Received..:** 11/29/07
Prep Date.....: 11/30/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7334040
Dilution Factor: 5 **Initial Wgt/Vol:** 970 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	5.0	ug/L	2.6
Pyridine	ND	5.0	ug/L	3.9
Acenaphthene	ND	1.0	ug/L	0.27
Acenaphthylene	ND	1.0	ug/L	0.27
Acetophenone	ND	5.0	ug/L	2.8
Anthracene	ND	1.0	ug/L	0.27
Atrazine	ND	5.0	ug/L	3.2
Benzo(a)anthracene	ND	1.0	ug/L	0.26
Benzo(a)pyrene	ND	1.0	ug/L	0.24
Benzo(b)fluoranthene	ND	1.0	ug/L	0.24
Benzo(ghi)perylene	ND	1.0	ug/L	0.26
Benzo(k)fluoranthene	ND	1.0	ug/L	0.24
Benzaldehyde	ND	5.0	ug/L	3.8
1,1'-Biphenyl	ND	5.0	ug/L	2.8
bis(2-Chloroethoxy) methane	ND	5.0	ug/L	2.4
bis(2-Chloroethyl)-ether	ND	5.0	ug/L	0.44
bis(2-Ethylhexyl) phthalate	ND	5.0	ug/L	4.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.6
Butyl benzyl phthalate	ND	5.0	ug/L	2.6
Caprolactam	ND	25	ug/L	3.0
Carbazole	ND	5.0	ug/L	2.7
4-Chloroaniline	ND	10	ug/L	2.8
4-Chloro-3-methylphenol	ND	10	ug/L	2.0
2-Chloronaphthalene	ND	5.0	ug/L	3.1
2-Chlorophenol	ND	5.0	ug/L	0.20
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.8
Chrysene	ND	1.0	ug/L	0.24
Dibenz(a,h)anthracene	ND	1.0	ug/L	0.20
Dibenzofuran	ND	5.0	ug/L	2.7
3,3'-Dichlorobenzidine	ND	5.0	ug/L	2.4
2,4-Dichlorophenol	ND	10	ug/L	5.5
Diethyl phthalate	ND	5.0	ug/L	3.2

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E61AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	10	ug/L	2.8
Dimethyl phthalate	ND	5.0	ug/L	2.2
Di-n-butyl phthalate	ND	5.0	ug/L	3.0
4,6-Dinitro-2-methylphenol	ND	25	ug/L	1.4
2,4-Dinitrophenol	ND	25	ug/L	18
2,4-Dinitrotoluene	ND	25	ug/L	2.0
2,6-Dinitrotoluene	ND	25	ug/L	2.4
Di-n-octyl phthalate	ND	5.0	ug/L	2.0
Fluoranthene	ND	1.0	ug/L	0.18
Fluorene	ND	1.0	ug/L	0.22
Hexachlorobenzene	ND	1.0	ug/L	0.32
Hexachlorobutadiene	ND	5.0	ug/L	2.6
Hexachlorocyclopenta-diene	ND	25	ug/L	3.7
Hexachloroethane	ND	5.0	ug/L	2.9
Indeno(1,2,3-cd)pyrene	ND	1.0	ug/L	0.32
Isophorone	ND	5.0	ug/L	2.5
2-Methylnaphthalene	ND	1.0	ug/L	0.30
2-Methylphenol	ND	5.0	ug/L	2.8
4-Methylphenol	ND	5.0	ug/L	3.2
Naphthalene	ND	1.0	ug/L	0.34
2-Nitroaniline	ND	10	ug/L	2.2
3-Nitroaniline	ND	10	ug/L	3.4
4-Nitroaniline	ND	10	ug/L	2.4
Nitrobenzene	ND	5.0	ug/L	0.26
2-Nitrophenol	ND	10	ug/L	6.5
4-Nitrophenol	ND	25	ug/L	3.2
N-Nitrosodi-n-propyl-amine	ND	5.0	ug/L	2.6
N-Nitrosodiphenylamine	ND	5.0	ug/L	2.3
Pentachlorophenol	ND	25	ug/L	2.4
Phenanthrene	ND	1.0	ug/L	0.44
Phenol	ND	5.0	ug/L	4.8
Pyrene	ND	1.0	ug/L	0.24
2,4,5-Trichloro-phenol	ND	25	ug/L	4.8
2,4,6-Trichloro-phenol	ND	20	ug/L	7.0

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

GC/MS Semivolatiles

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E61AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87 DIL	(27 - 111)
2-Fluorobiphenyl	79 DIL	(28 - 110)
Terphenyl-d14	93 DIL	(37 - 119)
Phenol-d5	71 DIL	(10 - 110)
2-Fluorophenol	38 DIL	(10 - 110)
2,4,6-Tribromophenol	103 DIL	(22 - 120)

NOTE(S):

DIL The concentration is estimated or not reported due to dilution or the presence of interfering analytes.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AA **Matrix.....:** WATER
MB Lot-Sample #: A7K300000-040

Prep Date.....: 11/30/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/04/07 **Prep Batch #...:** 7334040
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	SW846 8270C
Pyridine	ND	1.0	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	1.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	5.0	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	4.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(27 - 111)
2-Fluorobiphenyl	89	(28 - 110)
Terphenyl-d14	114	(37 - 119)
Phenol-d5	82	(10 - 110)
2-Fluorophenol	50	(10 - 110)
2,4,6-Tribromophenol	91	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AA **Matrix.....:** WATER

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AA **Matrix.....:** WATER
MB Lot-Sample #: A7L010000-043

Prep Date.....: 12/03/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/06/07 **Prep Batch #...:** 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	SW846 8270C
Pyridine	ND	1.0	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	1.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	5.0	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	4.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(27 - 111)
2-Fluorobiphenyl	73	(28 - 110)
Terphenyl-d14	89	(37 - 119)
Phenol-d5	59	(10 - 110)
2-Fluorophenol	40	(10 - 110)
2,4,6-Tribromophenol	93	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AA **Matrix.....:** WATER

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L030000-129

Prep Date.....: 12/02/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/05/07 **Prep Batch #...:** 7337129
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	SW846 8270C
Pyridine	ND	1.0	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	1.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	5.0	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	4.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	77	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
Terphenyl-d14	85	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	61	(10 - 110)
2,4,6-Tribromophenol	68	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AA **Matrix.....:** WATER

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K300000-040
Prep Date.....: 11/30/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7334040
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	20	21	ug/L	104	SW846 8270C
Pyridine	20	18	ug/L	88	SW846 8270C
Acenaphthene	**20**	**19**	**ug/L**	**95**	**SW846 8270C**
Acenaphthylene	20	19	ug/L	95	SW846 8270C
Acetophenone	20	20	ug/L	102	SW846 8270C
Anthracene	20	21	ug/L	103	SW846 8270C
Atrazine	20	27 a	ug/L	137	SW846 8270C
Benzo(a)anthracene	20	22	ug/L	110	SW846 8270C
Benzo(a)pyrene	20	19	ug/L	96	SW846 8270C
Benzo(b)fluoranthene	20	23	ug/L	117	SW846 8270C
Benzo(ghi)perylene	20	22	ug/L	112	SW846 8270C
Benzo(k)fluoranthene	20	23	ug/L	114	SW846 8270C
Benzaldehyde	20	27 a	ug/L	135	SW846 8270C
1,1'-Biphenyl	20	20	ug/L	98	SW846 8270C
bis(2-Chloroethoxy) methane	20	19	ug/L	96	SW846 8270C
bis(2-Chloroethyl)- ether	20	22	ug/L	110	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	25	ug/L	124	SW846 8270C
4-Bromophenyl phenyl ether	20	23 a	ug/L	116	SW846 8270C
Butyl benzyl phthalate	20	22	ug/L	108	SW846 8270C
Caprolactam	20	23	ug/L	114	SW846 8270C
Carbazole	20	21	ug/L	107	SW846 8270C
4-Chloroaniline	20	18	ug/L	92	SW846 8270C
4-Chloro-3-methylphenol	**20**	**19**	**ug/L**	**96**	**SW846 8270C**
2-Chloronaphthalene	20	20	ug/L	101	SW846 8270C
2-Chlorophenol	**20**	**16**	**ug/L**	**81**	**SW846 8270C**
4-Chlorophenyl phenyl ether	20	22	ug/L	112	SW846 8270C
Chrysene	20	22	ug/L	109	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K300000-040

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	20	22	ug/L	109	SW846 8270C
Dibenzofuran	20	21	ug/L	103	SW846 8270C
3,3'-Dichlorobenzidine	20	12	ug/L	58	SW846 8270C
2,4-Dichlorophenol	20	17	ug/L	87	SW846 8270C
Diethyl phthalate	20	23	ug/L	115	SW846 8270C
2,4-Dimethylphenol	20	11	ug/L	56	SW846 8270C
Dimethyl phthalate	20	23	ug/L	116	SW846 8270C
Di-n-butyl phthalate	20	24	ug/L	120	SW846 8270C
4,6-Dinitro-2-methylphenol	20	15	ug/L	75	SW846 8270C
2,4-Dinitrophenol	20	7.7	ug/L	39	SW846 8270C
2,4-Dinitrotoluene	**20**	**24**	**ug/L**	**119**	**SW846 8270C**
2,6-Dinitrotoluene	20	23	ug/L	117	SW846 8270C
Di-n-octyl phthalate	20	21	ug/L	107	SW846 8270C
Fluoranthene	20	24	ug/L	122	SW846 8270C
Fluorene	20	21	ug/L	105	SW846 8270C
Hexachlorobenzene	20	22	ug/L	109	SW846 8270C
Hexachlorobutadiene	20	16	ug/L	78	SW846 8270C
Hexachlorocyclopenta-diene	20	0.0 a	ug/L	0.0	SW846 8270C
Hexachloroethane	20	15	ug/L	76	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	22	ug/L	111	SW846 8270C
Isophorone	20	22	ug/L	108	SW846 8270C
2-Methylnaphthalene	20	21	ug/L	103	SW846 8270C
2-Methylphenol	20	19	ug/L	93	SW846 8270C
4-Methylphenol	40	39	ug/L	97	SW846 8270C
Naphthalene	20	17	ug/L	86	SW846 8270C
2-Nitroaniline	20	21	ug/L	107	SW846 8270C
3-Nitroaniline	20	21	ug/L	107	SW846 8270C
4-Nitroaniline	20	22	ug/L	111	SW846 8270C
Nitrobenzene	20	19	ug/L	95	SW846 8270C
2-Nitrophenol	20	18	ug/L	92	SW846 8270C
4-Nitrophenol	**20**	**19**	**ug/L**	**96**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**20**	**ug/L**	**102**	**SW846 8270C**
N-Nitrosodiphenylamine	20	20	ug/L	102	SW846 8270C
Pentachlorophenol	**20**	**15**	**ug/L**	**76**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K300000-040

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	20	21	ug/L	106	SW846 8270C
Phenol	**20**	**16**	**ug/L**	**81**	**SW846 8270C**
Pyrene	**20**	**20**	**ug/L**	**99**	**SW846 8270C**
2,4,5-Trichloro-phenol	20	20	ug/L	102	SW846 8270C
2,4,6-Trichloro-phenol	20	21	ug/L	103	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(27 - 111)
2-Fluorobiphenyl	100	(28 - 110)
Terphenyl-d14	118	(37 - 119)
Phenol-d5	89	(10 - 110)
2-Fluorophenol	52	(10 - 110)
2,4,6-Tribromophenol	108	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K300000-040
Prep Date.....: 11/30/07 **Analysis Date..:** 12/04/07
Prep Batch #...: 7334040
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	104	(25 - 128)	SW846 8270C
Pyridine	88	(10 - 110)	SW846 8270C
Acenaphthene	**95**	**(40 - 110)**	**SW846 8270C**
Acenaphthylene	95	(43 - 110)	SW846 8270C
Acetophenone	102	(50 - 130)	SW846 8270C
Anthracene	103	(54 - 114)	SW846 8270C
Atrazine	137 a	(50 - 130)	SW846 8270C
Benzo(a)anthracene	110	(55 - 115)	SW846 8270C
Benzo(a)pyrene	96	(43 - 116)	SW846 8270C
Benzo(b)fluoranthene	117	(43 - 122)	SW846 8270C
Benzo(ghi)perylene	112	(45 - 120)	SW846 8270C
Benzo(k)fluoranthene	114	(43 - 124)	SW846 8270C
Benzaldehyde	135 a	(10 - 130)	SW846 8270C
1,1'-Biphenyl	98	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	96	(39 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	110	(34 - 113)	SW846 8270C
bis(2-Ethylhexyl) phthalate	124	(36 - 163)	SW846 8270C
4-Bromophenyl phenyl ether	116 a	(51 - 114)	SW846 8270C
Butyl benzyl phthalate	108	(53 - 126)	SW846 8270C
Caprolactam	114	(50 - 130)	SW846 8270C
Carbazole	107	(53 - 120)	SW846 8270C
4-Chloroaniline	92	(10 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**96**	**(39 - 110)**	**SW846 8270C**
2-Chloronaphthalene	101	(39 - 110)	SW846 8270C
2-Chlorophenol	**81**	**(27 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	112	(50 - 115)	SW846 8270C
Chrysene	109	(55 - 115)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K300000-040

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	109	(46 - 122)	SW846 8270C
Dibenzofuran	103	(46 - 111)	SW846 8270C
3,3'-Dichlorobenzidine	58	(19 - 110)	SW846 8270C
2,4-Dichlorophenol	87	(33 - 110)	SW846 8270C
Diethyl phthalate	115	(33 - 134)	SW846 8270C
2,4-Dimethylphenol	56	(12 - 110)	SW846 8270C
Dimethyl phthalate	116	(15 - 143)	SW846 8270C
Di-n-butyl phthalate	120	(55 - 122)	SW846 8270C
4,6-Dinitro-2-methylphenol	75	(28 - 112)	SW846 8270C
2,4-Dinitrophenol	39	(17 - 112)	SW846 8270C
2,4-Dinitrotoluene	**119**	**(52 - 123)**	**SW846 8270C**
2,6-Dinitrotoluene	117	(52 - 119)	SW846 8270C
Di-n-octyl phthalate	107	(44 - 128)	SW846 8270C
Fluoranthene	122	(54 - 122)	SW846 8270C
Fluorene	105	(47 - 112)	SW846 8270C
Hexachlorobenzene	109	(51 - 112)	SW846 8270C
Hexachlorobutadiene	78	(13 - 110)	SW846 8270C
Hexachlorocyclopentadiene	0.0 a	(10 - 110)	SW846 8270C
Hexachloroethane	76	(12 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	111	(46 - 121)	SW846 8270C
Isophorone	108	(44 - 128)	SW846 8270C
2-Methylnaphthalene	103	(35 - 110)	SW846 8270C
2-Methylphenol	93	(30 - 110)	SW846 8270C
4-Methylphenol	97	(32 - 110)	SW846 8270C
Naphthalene	86	(31 - 110)	SW846 8270C
2-Nitroaniline	107	(43 - 130)	SW846 8270C
3-Nitroaniline	107	(45 - 116)	SW846 8270C
4-Nitroaniline	111	(45 - 120)	SW846 8270C
Nitrobenzene	95	(37 - 115)	SW846 8270C
2-Nitrophenol	92	(29 - 110)	SW846 8270C
4-Nitrophenol	**96**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**102**	**(37 - 121)**	**SW846 8270C**
N-Nitrosodiphenylamine	102	(53 - 113)	SW846 8270C
Pentachlorophenol	**76**	**(26 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC6FC1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K300000-040

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	106	(52 - 114)	SW846 8270C
Phenol	**81**	**(14 - 112)**	**SW846 8270C**
Pyrene	**99**	**(55 - 120)**	**SW846 8270C**
2,4,5-Trichloro-phenol	102	(39 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	103	(35 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	94	(27 - 111)
2-Fluorobiphenyl	100	(28 - 110)
Terphenyl-d14	118	(37 - 119)
Phenol-d5	89	(10 - 110)
2-Fluorophenol	52	(10 - 110)
2,4,6-Tribromophenol	108	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-043
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	20	21	ug/L	107	SW846 8270C
Pyridine	20	12	ug/L	59	SW846 8270C
Acenaphthene	**20**	**15**	**ug/L**	**74**	**SW846 8270C**
Acenaphthylene	20	15	ug/L	73	SW846 8270C
Acetophenone	20	15	ug/L	75	SW846 8270C
Anthracene	20	15	ug/L	77	SW846 8270C
Atrazine	20	18	ug/L	90	SW846 8270C
Benzo(a)anthracene	20	14	ug/L	69	SW846 8270C
Benzo(a)pyrene	20	13	ug/L	67	SW846 8270C
Benzo(b)fluoranthene	20	14	ug/L	71	SW846 8270C
Benzo(ghi)perylene	20	15	ug/L	74	SW846 8270C
Benzo(k)fluoranthene	20	15	ug/L	75	SW846 8270C
Benzaldehyde	20	17	ug/L	83	SW846 8270C
1,1'-Biphenyl	20	14	ug/L	70	SW846 8270C
bis(2-Chloroethoxy) methane	20	14	ug/L	72	SW846 8270C
bis(2-Chloroethyl)- ether	20	14	ug/L	72	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	14	ug/L	70	SW846 8270C
4-Bromophenyl phenyl ether	20	17	ug/L	86	SW846 8270C
Butyl benzyl phthalate	20	14	ug/L	69	SW846 8270C
Caprolactam	20	15	ug/L	74	SW846 8270C
Carbazole	20	16	ug/L	79	SW846 8270C
4-Chloroaniline	20	15	ug/L	77	SW846 8270C
4-Chloro-3-methylphenol	**20**	**14**	**ug/L**	**69**	**SW846 8270C**
2-Chloronaphthalene	20	15	ug/L	74	SW846 8270C
2-Chlorophenol	**20**	**12**	**ug/L**	**60**	**SW846 8270C**
4-Chlorophenyl phenyl ether	20	16	ug/L	79	SW846 8270C
Chrysene	20	15	ug/L	75	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-043

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	20	16	ug/L	80	SW846 8270C
Dibenzofuran	20	15	ug/L	74	SW846 8270C
3,3'-Dichlorobenzidine	20	9.1	ug/L	46	SW846 8270C
2,4-Dichlorophenol	20	14	ug/L	70	SW846 8270C
Diethyl phthalate	20	16	ug/L	79	SW846 8270C
2,4-Dimethylphenol	20	7.5	ug/L	38	SW846 8270C
Dimethyl phthalate	20	16	ug/L	79	SW846 8270C
Di-n-butyl phthalate	20	17	ug/L	86	SW846 8270C
4,6-Dinitro-2-methylphenol	20	12	ug/L	59	SW846 8270C
2,4-Dinitrophenol	20	5.8	ug/L	29	SW846 8270C
2,4-Dinitrotoluene	**20**	**16**	**ug/L**	**82**	**SW846 8270C**
2,6-Dinitrotoluene	20	16	ug/L	82	SW846 8270C
Di-n-octyl phthalate	20	14	ug/L	71	SW846 8270C
Fluoranthene	20	16	ug/L	82	SW846 8270C
Fluorene	20	15	ug/L	76	SW846 8270C
Hexachlorobenzene	20	17	ug/L	87	SW846 8270C
Hexachlorobutadiene	20	9.5	ug/L	47	SW846 8270C
Hexachlorocyclopenta-diene	20	1.0 a	ug/L	5.0	SW846 8270C
Hexachloroethane	20	9.7	ug/L	49	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	15	ug/L	77	SW846 8270C
Isophorone	20	16	ug/L	78	SW846 8270C
2-Methylnaphthalene	20	15	ug/L	77	SW846 8270C
2-Methylphenol	20	13	ug/L	66	SW846 8270C
4-Methylphenol	40	27	ug/L	67	SW846 8270C
Naphthalene	20	15	ug/L	75	SW846 8270C
2-Nitroaniline	20	15	ug/L	76	SW846 8270C
3-Nitroaniline	20	16	ug/L	78	SW846 8270C
4-Nitroaniline	20	15	ug/L	77	SW846 8270C
Nitrobenzene	20	14	ug/L	72	SW846 8270C
2-Nitrophenol	20	14	ug/L	72	SW846 8270C
4-Nitrophenol	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**77**	**SW846 8270C**
N-Nitrosodiphenylamine	20	16	ug/L	78	SW846 8270C
Pentachlorophenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-043

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	20	15	ug/L	75	SW846 8270C
Phenol	**20**	**11**	**ug/L**	**57**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**69**	**SW846 8270C**
2,4,5-Trichloro-phenol	20	14	ug/L	69	SW846 8270C
2,4,6-Trichloro-phenol	20	14	ug/L	69	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(27 - 111)
2-Fluorobiphenyl	75	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	27	(10 - 110)
2,4,6-Tribromophenol	95	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-043
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	107	(25 - 128)	SW846 8270C
Pyridine	59	(10 - 110)	SW846 8270C
Acenaphthene	**74**	**(40 - 110)**	**SW846 8270C**
Acenaphthylene	73	(43 - 110)	SW846 8270C
Acetophenone	75	(50 - 130)	SW846 8270C
Anthracene	77	(54 - 114)	SW846 8270C
Atrazine	90	(50 - 130)	SW846 8270C
Benzo(a)anthracene	69	(55 - 115)	SW846 8270C
Benzo(a)pyrene	67	(43 - 116)	SW846 8270C
Benzo(b)fluoranthene	71	(43 - 122)	SW846 8270C
Benzo(ghi)perylene	74	(45 - 120)	SW846 8270C
Benzo(k)fluoranthene	75	(43 - 124)	SW846 8270C
Benzaldehyde	83	(10 - 130)	SW846 8270C
1,1'-Biphenyl	70	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	72	(39 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	72	(34 - 113)	SW846 8270C
bis(2-Ethylhexyl) phthalate	70	(36 - 163)	SW846 8270C
4-Bromophenyl phenyl ether	86	(51 - 114)	SW846 8270C
Butyl benzyl phthalate	69	(53 - 126)	SW846 8270C
Caprolactam	74	(50 - 130)	SW846 8270C
Carbazole	79	(53 - 120)	SW846 8270C
4-Chloroaniline	77	(10 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**69**	**(39 - 110)**	**SW846 8270C**
2-Chloronaphthalene	74	(39 - 110)	SW846 8270C
2-Chlorophenol	**60**	**(27 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	79	(50 - 115)	SW846 8270C
Chrysene	75	(55 - 115)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-043

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	80	(46 - 122)	SW846 8270C
Dibenzofuran	74	(46 - 111)	SW846 8270C
3,3'-Dichlorobenzidine	46	(19 - 110)	SW846 8270C
2,4-Dichlorophenol	70	(33 - 110)	SW846 8270C
Diethyl phthalate	79	(33 - 134)	SW846 8270C
2,4-Dimethylphenol	38	(12 - 110)	SW846 8270C
Dimethyl phthalate	79	(15 - 143)	SW846 8270C
Di-n-butyl phthalate	86	(55 - 122)	SW846 8270C
4,6-Dinitro-2-methylphenol	59	(28 - 112)	SW846 8270C
2,4-Dinitrophenol	29	(17 - 112)	SW846 8270C
2,4-Dinitrotoluene	**82**	**(52 - 123)**	**SW846 8270C**
2,6-Dinitrotoluene	82	(52 - 119)	SW846 8270C
Di-n-octyl phthalate	71	(44 - 128)	SW846 8270C
Fluoranthene	82	(54 - 122)	SW846 8270C
Fluorene	76	(47 - 112)	SW846 8270C
Hexachlorobenzene	87	(51 - 112)	SW846 8270C
Hexachlorobutadiene	47	(13 - 110)	SW846 8270C
Hexachlorocyclopentadiene	5.0 a	(10 - 110)	SW846 8270C
Hexachloroethane	49	(12 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	77	(46 - 121)	SW846 8270C
Isophorone	78	(44 - 128)	SW846 8270C
2-Methylnaphthalene	77	(35 - 110)	SW846 8270C
2-Methylphenol	66	(30 - 110)	SW846 8270C
4-Methylphenol	67	(32 - 110)	SW846 8270C
Naphthalene	75	(31 - 110)	SW846 8270C
2-Nitroaniline	76	(43 - 130)	SW846 8270C
3-Nitroaniline	78	(45 - 116)	SW846 8270C
4-Nitroaniline	77	(45 - 120)	SW846 8270C
Nitrobenzene	72	(37 - 115)	SW846 8270C
2-Nitrophenol	72	(29 - 110)	SW846 8270C
4-Nitrophenol	**71**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**77**	**(37 - 121)**	**SW846 8270C**
N-Nitrosodiphenylamine	78	(53 - 113)	SW846 8270C
Pentachlorophenol	**73**	**(26 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC8831AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-043

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	75	(52 - 114)	SW846 8270C
Phenol	**57**	**(14 - 112)**	**SW846 8270C**
Pyrene	**69**	**(55 - 120)**	**SW846 8270C**
2,4,5-Trichloro-phenol	69	(39 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	69	(35 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(27 - 111)
2-Fluorobiphenyl	75	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	60	(10 - 110)
2-Fluorophenol	27	(10 - 110)
2,4,6-Tribromophenol	95	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-129
Prep Date.....: 12/02/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7337129
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	20	17	ug/L	87	SW846 8270C
Pyridine	20	6.1	ug/L	30	SW846 8270C
Acenaphthene	**20**	**14**	**ug/L**	**71**	**SW846 8270C**
Acenaphthylene	20	15	ug/L	73	SW846 8270C
Acetophenone	20	17	ug/L	87	SW846 8270C
Anthracene	20	16	ug/L	78	SW846 8270C
Atrazine	20	19	ug/L	94	SW846 8270C
Benzo(a)anthracene	20	15	ug/L	73	SW846 8270C
Benzo(a)pyrene	20	14	ug/L	70	SW846 8270C
Benzo(b)fluoranthene	20	15	ug/L	74	SW846 8270C
Benzo(ghi)perylene	20	15	ug/L	77	SW846 8270C
Benzo(k)fluoranthene	20	15	ug/L	77	SW846 8270C
Benzaldehyde	20	19	ug/L	97	SW846 8270C
1,1'-Biphenyl	20	15	ug/L	73	SW846 8270C
bis(2-Chloroethoxy) methane	20	16	ug/L	81	SW846 8270C
bis(2-Chloroethyl)- ether	20	16	ug/L	78	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	16	ug/L	80	SW846 8270C
4-Bromophenyl phenyl ether	20	16	ug/L	78	SW846 8270C
Butyl benzyl phthalate	20	13	ug/L	63	SW846 8270C
Caprolactam	20	20	ug/L	99	SW846 8270C
Carbazole	20	16	ug/L	82	SW846 8270C
4-Chloroaniline	20	13	ug/L	65	SW846 8270C
4-Chloro-3-methylphenol	**20**	**15**	**ug/L**	**75**	**SW846 8270C**
2-Chloronaphthalene	20	14	ug/L	71	SW846 8270C
2-Chlorophenol	**20**	**14**	**ug/L**	**69**	**SW846 8270C**
4-Chlorophenyl phenyl ether	20	16	ug/L	78	SW846 8270C
Chrysene	20	15	ug/L	76	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-129

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	20	15	ug/L	77	SW846 8270C
Dibenzofuran	20	15	ug/L	75	SW846 8270C
3,3'-Dichlorobenzidine	20	11	ug/L	57	SW846 8270C
2,4-Dichlorophenol	20	15	ug/L	75	SW846 8270C
Diethyl phthalate	20	6.8	ug/L	34	SW846 8270C
2,4-Dimethylphenol	20	7.6	ug/L	38	SW846 8270C
Dimethyl phthalate	20	2.9 a	ug/L	14	SW846 8270C
Di-n-butyl phthalate	20	13	ug/L	66	SW846 8270C
4,6-Dinitro-2-methylphenol	20	14	ug/L	68	SW846 8270C
2,4-Dinitrophenol	20	13	ug/L	66	SW846 8270C
2,4-Dinitrotoluene	**20**	**16**	**ug/L**	**81**	**SW846 8270C**
2,6-Dinitrotoluene	20	17	ug/L	83	SW846 8270C
Di-n-octyl phthalate	20	17	ug/L	83	SW846 8270C
Fluoranthene	20	16	ug/L	81	SW846 8270C
Fluorene	20	15	ug/L	75	SW846 8270C
Hexachlorobenzene	20	15	ug/L	73	SW846 8270C
Hexachlorobutadiene	20	13	ug/L	67	SW846 8270C
Hexachlorocyclopenta-diene	20	1.7 a	ug/L	8.3	SW846 8270C
Hexachloroethane	20	14	ug/L	68	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	15	ug/L	77	SW846 8270C
Isophorone	20	19	ug/L	93	SW846 8270C
2-Methylnaphthalene	20	17	ug/L	84	SW846 8270C
2-Methylphenol	20	13	ug/L	65	SW846 8270C
4-Methylphenol	40	29	ug/L	73	SW846 8270C
Naphthalene	20	14	ug/L	71	SW846 8270C
2-Nitroaniline	20	17	ug/L	86	SW846 8270C
3-Nitroaniline	20	16	ug/L	78	SW846 8270C
4-Nitroaniline	20	16	ug/L	79	SW846 8270C
Nitrobenzene	20	18	ug/L	89	SW846 8270C
2-Nitrophenol	20	15	ug/L	74	SW846 8270C
4-Nitrophenol	**20**	**15**	**ug/L**	**75**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**17**	**ug/L**	**87**	**SW846 8270C**
N-Nitrosodiphenylamine	20	14	ug/L	72	SW846 8270C
Pentachlorophenol	**20**	**15**	**ug/L**	**77**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-129

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	20	14	ug/L	72	SW846 8270C
Phenol	**20**	**15**	**ug/L**	**73**	**SW846 8270C**
Pyrene	**20**	**15**	**ug/L**	**74**	**SW846 8270C**
2,4,5-Trichloro-phenol	20	14	ug/L	68	SW846 8270C
2,4,6-Trichloro-phenol	20	14	ug/L	70	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
Terphenyl-d14	87	(37 - 119)
Phenol-d5	74	(10 - 110)
2-Fluorophenol	74	(10 - 110)
2,4,6-Tribromophenol	81	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-129
Prep Date.....: 12/02/07 **Analysis Date..:** 12/05/07
Prep Batch #...: 7337129
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	87	(25 - 128)	SW846 8270C
Pyridine	30	(10 - 110)	SW846 8270C
Acenaphthene	**71**	**(40 - 110)**	**SW846 8270C**
Acenaphthylene	73	(43 - 110)	SW846 8270C
Acetophenone	87	(50 - 130)	SW846 8270C
Anthracene	78	(54 - 114)	SW846 8270C
Atrazine	94	(50 - 130)	SW846 8270C
Benzo(a)anthracene	73	(55 - 115)	SW846 8270C
Benzo(a)pyrene	70	(43 - 116)	SW846 8270C
Benzo(b)fluoranthene	74	(43 - 122)	SW846 8270C
Benzo(ghi)perylene	77	(45 - 120)	SW846 8270C
Benzo(k)fluoranthene	77	(43 - 124)	SW846 8270C
Benzaldehyde	97	(10 - 130)	SW846 8270C
1,1'-Biphenyl	73	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	81	(39 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	78	(34 - 113)	SW846 8270C
bis(2-Ethylhexyl) phthalate	80	(36 - 163)	SW846 8270C
4-Bromophenyl phenyl ether	78	(51 - 114)	SW846 8270C
Butyl benzyl phthalate	63	(53 - 126)	SW846 8270C
Caprolactam	99	(50 - 130)	SW846 8270C
Carbazole	82	(53 - 120)	SW846 8270C
4-Chloroaniline	65	(10 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**75**	**(39 - 110)**	**SW846 8270C**
2-Chloronaphthalene	71	(39 - 110)	SW846 8270C
2-Chlorophenol	**69**	**(27 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	78	(50 - 115)	SW846 8270C
Chrysene	76	(55 - 115)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-129

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	77	(46 - 122)	SW846 8270C
Dibenzofuran	75	(46 - 111)	SW846 8270C
3,3'-Dichlorobenzidine	57	(19 - 110)	SW846 8270C
2,4-Dichlorophenol	75	(33 - 110)	SW846 8270C
Diethyl phthalate	34	(33 - 134)	SW846 8270C
2,4-Dimethylphenol	38	(12 - 110)	SW846 8270C
Dimethyl phthalate	14 a	(15 - 143)	SW846 8270C
Di-n-butyl phthalate	66	(55 - 122)	SW846 8270C
4,6-Dinitro-2-methylphenol	68	(28 - 112)	SW846 8270C
2,4-Dinitrophenol	66	(17 - 112)	SW846 8270C
2,4-Dinitrotoluene	**81**	**(52 - 123)**	**SW846 8270C**
2,6-Dinitrotoluene	83	(52 - 119)	SW846 8270C
Di-n-octyl phthalate	83	(44 - 128)	SW846 8270C
Fluoranthene	81	(54 - 122)	SW846 8270C
Fluorene	75	(47 - 112)	SW846 8270C
Hexachlorobenzene	73	(51 - 112)	SW846 8270C
Hexachlorobutadiene	67	(13 - 110)	SW846 8270C
Hexachlorocyclopentadiene	8.3 a	(10 - 110)	SW846 8270C
Hexachloroethane	68	(12 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	77	(46 - 121)	SW846 8270C
Isophorone	93	(44 - 128)	SW846 8270C
2-Methylnaphthalene	84	(35 - 110)	SW846 8270C
2-Methylphenol	65	(30 - 110)	SW846 8270C
4-Methylphenol	73	(32 - 110)	SW846 8270C
Naphthalene	71	(31 - 110)	SW846 8270C
2-Nitroaniline	86	(43 - 130)	SW846 8270C
3-Nitroaniline	78	(45 - 116)	SW846 8270C
4-Nitroaniline	79	(45 - 120)	SW846 8270C
Nitrobenzene	89	(37 - 115)	SW846 8270C
2-Nitrophenol	74	(29 - 110)	SW846 8270C
4-Nitrophenol	**75**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**87**	**(37 - 121)**	**SW846 8270C**
N-Nitrosodiphenylamine	72	(53 - 113)	SW846 8270C
Pentachlorophenol	**77**	**(26 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KDAHH1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L030000-129

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	72	(52 - 114)	SW846 8270C
Phenol	**73**	**(14 - 112)**	**SW846 8270C**
Pyrene	**74**	**(55 - 120)**	**SW846 8270C**
2,4,5-Trichloro-phenol	68	(39 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	70	(35 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	88	(27 - 111)
2-Fluorobiphenyl	71	(28 - 110)
Terphenyl-d14	87	(37 - 119)
Phenol-d5	74	(10 - 110)
2-Fluorophenol	74	(10 - 110)
2,4,6-Tribromophenol	81	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD
Date Sampled...: 11/27/07 10:50 **Date Received..:** 11/29/07
Prep Date.....: 11/30/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7334040
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	38	25	ug/L	65		SW846 8270C
	ND	38	32	ug/L	83	24	SW846 8270C
Pyridine	ND	38	25	ug/L	67		SW846 8270C
	ND	38	30	ug/L	77	15	SW846 8270C
Acenaphthene	**ND**	**38**	**26**	**ug/L**	**68**		**SW846 8270C**
	ND	**38**	**29**	**ug/L**	**77**	**12**	**SW846 8270C**
Acenaphthylene	ND	38	26	ug/L	68		SW846 8270C
	ND	38	28	ug/L	74	8.9	SW846 8270C
Acetophenone	ND	38	23	ug/L	62		SW846 8270C
	ND	38	33	ug/L	85 p	33	SW846 8270C
Anthracene	ND	38	29	ug/L	77		SW846 8270C
	ND	38	32	ug/L	83	8.4	SW846 8270C
Atrazine	ND	38	35	ug/L	93		SW846 8270C
	ND	38	41	ug/L	107	14	SW846 8270C
Benzo(a)anthracene	ND	38	29	ug/L	76		SW846 8270C
	ND	38	31	ug/L	81	6.2	SW846 8270C
Benzo(a)pyrene	ND	38	26	ug/L	68		SW846 8270C
	ND	38	28	ug/L	73	7.4	SW846 8270C
Benzo(b)fluoranthene	ND	38	26	ug/L	69		SW846 8270C
	ND	38	27	ug/L	71	2.6	SW846 8270C
Benzo(ghi)perylene	ND	38	32	ug/L	83		SW846 8270C
	ND	38	32	ug/L	83	0.34	SW846 8270C
Benzo(k)fluoranthene	ND	38	36	ug/L	95		SW846 8270C
	ND	38	40	ug/L	105	10	SW846 8270C
Benzaldehyde	ND	38	27	ug/L	72		SW846 8270C
	ND	38	42	ug/L	112 p	43	SW846 8270C
1,1'-Biphenyl	ND	38	25	ug/L	65		SW846 8270C
	ND	38	31	ug/L	81	23	SW846 8270C
bis(2-Chloroethoxy) methane	ND	38	25	ug/L	66		SW846 8270C
	ND	38	32	ug/L	84	25	SW846 8270C
bis(2-Chloroethyl)-ether	ND	38	22	ug/L	58		SW846 8270C
	ND	38	29	ug/L	77	28	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	38	33	ug/L	84		SW846 8270C
	ND	38	33	ug/L	84	0.01	SW846 8270C
4-Bromophenyl phenyl ether	ND	38	32	ug/L	84		SW846 8270C
	ND	38	33	ug/L	88	4.7	SW846 8270C
Butyl benzyl phthalate	ND	38	33	ug/L	87		SW846 8270C
	ND	38	33	ug/L	86	1.5	SW846 8270C
Caprolactam	ND	38	35	ug/L	91		SW846 8270C
	ND	38	39	ug/L	102	11	SW846 8270C
Carbazole	ND	38	32	ug/L	83		SW846 8270C
	ND	38	34	ug/L	89	6.4	SW846 8270C
4-Chloroaniline	ND	38	24	ug/L	62		SW846 8270C
	ND	38	28	ug/L	72	15	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**38**	**29**	**ug/L**	**77**		**SW846 8270C**
	ND	**38**	**32**	**ug/L**	**83**	**6.7**	**SW846 8270C**
2-Chloronaphthalene	ND	38	26	ug/L	67		SW846 8270C
	ND	38	30	ug/L	78	15	SW846 8270C
2-Chlorophenol	**ND**	**38**	**21**	**ug/L**	**55**		**SW846 8270C**
	ND	**38**	**28**	**ug/L**	**74**	**29**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	38	32	ug/L	84		SW846 8270C
	ND	38	33	ug/L	87	3.5	SW846 8270C
Chrysene	ND	38	34	ug/L	88		SW846 8270C
	ND	38	35	ug/L	92	4.2	SW846 8270C
Dibenz(a,h)anthracene	ND	38	29	ug/L	77		SW846 8270C
	ND	38	31	ug/L	83	7.4	SW846 8270C
Dibenzofuran	ND	38	28	ug/L	73		SW846 8270C
	ND	38	30	ug/L	78	7.7	SW846 8270C
3,3'-Dichlorobenzidine	ND	38	8.3	ug/L	22		SW846 8270C
	ND	38	10	ug/L	26	19	SW846 8270C
2,4-Dichlorophenol	ND	38	25	ug/L	67		SW846 8270C
	ND	38	32	ug/L	83	22	SW846 8270C
Diethyl phthalate	ND	38	32	ug/L	84		SW846 8270C
	ND	38	32	ug/L	85	0.28	SW846 8270C
2,4-Dimethylphenol	ND	38	21	ug/L	55		SW846 8270C
	ND	38	24	ug/L	64	15	SW846 8270C
Dimethyl phthalate	ND	38	32	ug/L	85		SW846 8270C
	ND	38	34	ug/L	88	4.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	38	31	ug/L	82		SW846 8270C
	ND	38	34	ug/L	88	7.6	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	38	26	ug/L	67		SW846 8270C
	ND	38	26	ug/L	68	1.8	SW846 8270C
2,4-Dinitrophenol	ND	38	19	ug/L	50		SW846 8270C
	ND	38	19	ug/L	49	1.5	SW846 8270C
2,4-Dinitrotoluene	**ND**	**38**	**33**	**ug/L**	**88**		**SW846 8270C**
	ND	**38**	**34**	**ug/L**	**90**	**2.3**	**SW846 8270C**
2,6-Dinitrotoluene	ND	38	35	ug/L	91		SW846 8270C
	ND	38	35	ug/L	92	0.66	SW846 8270C
Di-n-octyl phthalate	ND	38	31	ug/L	82		SW846 8270C
	ND	38	33	ug/L	86	4.8	SW846 8270C
Fluoranthene	ND	38	32	ug/L	83		SW846 8270C
	ND	38	34	ug/L	88	5.9	SW846 8270C
Fluorene	ND	38	29	ug/L	75		SW846 8270C
	ND	38	30	ug/L	78	3.6	SW846 8270C
Hexachlorobenzene	ND	38	30	ug/L	79		SW846 8270C
	ND	38	31	ug/L	81	3.2	SW846 8270C
Hexachlorobutadiene	ND	38	19	ug/L	49		SW846 8270C
	ND	38	22	ug/L	57	16	SW846 8270C
Hexachlorocyclopenta-diene	ND	38	0.0	ug/L	0.0 a		SW846 8270C
	ND	38	3.9	ug/L	10 p	200	SW846 8270C
Hexachloroethane	ND	38	17	ug/L	46		SW846 8270C
	ND	38	20	ug/L	53	15	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	38	30	ug/L	79		SW846 8270C
	ND	38	33	ug/L	87	10	SW846 8270C
Isophorone	ND	38	27	ug/L	71		SW846 8270C
	ND	38	34	ug/L	89	22	SW846 8270C
2-Methylnaphthalene	ND	38	27	ug/L	70		SW846 8270C
	ND	38	33	ug/L	85	20	SW846 8270C
2-Methylphenol	ND	38	24	ug/L	63		SW846 8270C
	ND	38	30	ug/L	80	23	SW846 8270C
4-Methylphenol	ND	76	49	ug/L	65		SW846 8270C
	ND	76	62	ug/L	82	23	SW846 8270C
Naphthalene	ND	38	24	ug/L	62		SW846 8270C
	ND	38	29	ug/L	77	21	SW846 8270C
2-Nitroaniline	ND	38	30	ug/L	78		SW846 8270C
	ND	38	31	ug/L	82	5.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	38	32	ug/L	84		SW846 8270C
	ND	38	32	ug/L	84	0.39	SW846 8270C
4-Nitroaniline	ND	38	32	ug/L	85		SW846 8270C
	ND	38	33	ug/L	86	1.3	SW846 8270C
Nitrobenzene	ND	38	24	ug/L	64		SW846 8270C
	ND	38	30	ug/L	79	21	SW846 8270C
2-Nitrophenol	ND	38	24	ug/L	63		SW846 8270C
	ND	38	32	ug/L	83	27	SW846 8270C
4-Nitrophenol	**ND**	**38**	**29**	**ug/L**	**77**		**SW846 8270C**
	ND	**38**	**29**	**ug/L**	**76**	**1.1**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**38**	**24**	**ug/L**	**63**		**SW846 8270C**
	ND	**38**	**31**	**ug/L**	**80**	**24**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	38	28	ug/L	74		SW846 8270C
	ND	38	30	ug/L	79	6.1	SW846 8270C
Pentachlorophenol	**ND**	**38**	**25**	**ug/L**	**66**		**SW846 8270C**
	ND	**38**	**27**	**ug/L**	**72**	**8.8**	**SW846 8270C**
Phenanthrene	ND	38	29	ug/L	76		SW846 8270C
	ND	38	30	ug/L	80	4.4	SW846 8270C
Phenol	**ND**	**38**	**24**	**ug/L**	**62**		**SW846 8270C**
	ND	**38**	**30**	**ug/L**	**80**	**25**	**SW846 8270C**
Pyrene	**ND**	**38**	**32**	**ug/L**	**83**		**SW846 8270C**
	ND	**38**	**32**	**ug/L**	**85**	**2.0**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	38	31	ug/L	80		SW846 8270C
	ND	38	33	ug/L	86	6.5	SW846 8270C
2,4,6-Trichloro-phenol	ND	38	29	ug/L	76		SW846 8270C
	ND	38	31	ug/L	82	7.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
	85	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
	84	(28 - 110)
Terphenyl-d14	90	(37 - 119)
	95	(37 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	64	(10 - 110)
	84	(10 - 110)
2-Fluorophenol	37	(10 - 110)
	62	(10 - 110)
2,4,6-Tribromophenol	84	(22 - 120)
	90	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD
Date Sampled...: 11/27/07 10:50 **Date Received..:** 11/29/07
Prep Date.....: 11/30/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7334040
Dilution Factor: 1 **Initial Wgt/Vol:** 525 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	65	(13 - 124)			SW846 8270C
	83	(13 - 124)	24	(0-30)	SW846 8270C
Pyridine	67	(10 - 110)			SW846 8270C
	77	(10 - 110)	15	(0-30)	SW846 8270C
Acenaphthene	**68**	**(36 - 110)**			**SW846 8270C**
	77	**(36 - 110)**	**12**	**(0-30)**	**SW846 8270C**
Acenaphthylene	68	(39 - 110)			SW846 8270C
	74	(39 - 110)	8.9	(0-30)	SW846 8270C
Acetophenone	62	(50 - 130)			SW846 8270C
	85 p	(50 - 130)	33	(0-30)	SW846 8270C
Anthracene	77	(46 - 110)			SW846 8270C
	83	(46 - 110)	8.4	(0-30)	SW846 8270C
Atrazine	93	(50 - 130)			SW846 8270C
	107	(50 - 130)	14	(0-30)	SW846 8270C
Benzo(a)anthracene	76	(52 - 110)			SW846 8270C
	81	(52 - 110)	6.2	(0-30)	SW846 8270C
Benzo(a)pyrene	68	(33 - 110)			SW846 8270C
	73	(33 - 110)	7.4	(0-30)	SW846 8270C
Benzo(b)fluoranthene	69	(33 - 114)			SW846 8270C
	71	(33 - 114)	2.6	(0-30)	SW846 8270C
Benzo(ghi)perylene	83	(34 - 116)			SW846 8270C
	83	(34 - 116)	0.34	(0-30)	SW846 8270C
Benzo(k)fluoranthene	95	(32 - 121)			SW846 8270C
	105	(32 - 121)	10	(0-30)	SW846 8270C
Benzaldehyde	72	(10 - 130)			SW846 8270C
	112 p	(10 - 130)	43	(0-30)	SW846 8270C
1,1'-Biphenyl	65	(50 - 130)			SW846 8270C
	81	(50 - 130)	23	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	66	(35 - 110)			SW846 8270C
	84	(35 - 110)	25	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	58	(27 - 110)			SW846 8270C
	77	(27 - 110)	28	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	84	(40 - 140)			SW846 8270C
	84	(40 - 140)	0.01	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	84	(42 - 113)			SW846 8270C
	88	(42 - 113)	4.7	(0-30)	SW846 8270C
Butyl benzyl phthalate	87	(51 - 121)			SW846 8270C
	86	(51 - 121)	1.5	(0-30)	SW846 8270C
Caprolactam	91	(50 - 130)			SW846 8270C
	102	(50 - 130)	11	(0-30)	SW846 8270C
Carbazole	83	(49 - 114)			SW846 8270C
	89	(49 - 114)	6.4	(0-30)	SW846 8270C
4-Chloroaniline	62	(10 - 110)			SW846 8270C
	72	(10 - 110)	15	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**77**	**(33 - 110)**			**SW846 8270C**
	83	**(33 - 110)**	**6.7**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	67	(34 - 110)			SW846 8270C
	78	(34 - 110)	15	(0-30)	SW846 8270C
2-Chlorophenol	**55**	**(26 - 110)**			**SW846 8270C**
	74	**(26 - 110)**	**29**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	84	(43 - 113)			SW846 8270C
	87	(43 - 113)	3.5	(0-30)	SW846 8270C
Chrysene	88	(52 - 111)			SW846 8270C
	92	(52 - 111)	4.2	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	77	(35 - 118)			SW846 8270C
	83	(35 - 118)	7.4	(0-30)	SW846 8270C
Dibenzofuran	73	(41 - 110)			SW846 8270C
	78	(41 - 110)	7.7	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	22	(10 - 110)			SW846 8270C
	26	(10 - 110)	19	(0-30)	SW846 8270C
2,4-Dichlorophenol	67	(30 - 110)			SW846 8270C
	83	(30 - 110)	22	(0-30)	SW846 8270C
Diethyl phthalate	84	(33 - 130)			SW846 8270C
	85	(33 - 130)	0.28	(0-30)	SW846 8270C
2,4-Dimethylphenol	55	(11 - 110)			SW846 8270C
	64	(11 - 110)	15	(0-30)	SW846 8270C
Dimethyl phthalate	85	(36 - 124)			SW846 8270C
	88	(36 - 124)	4.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	82	(50 - 117)			SW846 8270C
	88	(50 - 117)	7.6	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	67	(25 - 110)			SW846 8270C
	68	(25 - 110)	1.8	(0-30)	SW846 8270C
2,4-Dinitrophenol	50	(11 - 119)			SW846 8270C
	49	(11 - 119)	1.5	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**88**	**(46 - 119)**			**SW846 8270C**
	90	**(46 - 119)**	**2.3**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	91	(48 - 115)			SW846 8270C
	92	(48 - 115)	0.66	(0-30)	SW846 8270C
Di-n-octyl phthalate	82	(36 - 124)			SW846 8270C
	86	(36 - 124)	4.8	(0-30)	SW846 8270C
Fluoranthene	83	(53 - 111)			SW846 8270C
	88	(53 - 111)	5.9	(0-30)	SW846 8270C
Fluorene	75	(43 - 110)			SW846 8270C
	78	(43 - 110)	3.6	(0-30)	SW846 8270C
Hexachlorobenzene	79	(40 - 113)			SW846 8270C
	81	(40 - 113)	3.2	(0-30)	SW846 8270C
Hexachlorobutadiene	49	(14 - 110)			SW846 8270C
	57	(14 - 110)	16	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	0.0 a	(10 - 110)			SW846 8270C
	10 p	(10 - 110)	200	(0-30)	SW846 8270C
Hexachloroethane	46	(10 - 110)			SW846 8270C
	53	(10 - 110)	15	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	79	(36 - 116)			SW846 8270C
	87	(36 - 116)	10	(0-30)	SW846 8270C
Isophorone	71	(34 - 125)			SW846 8270C
	89	(34 - 125)	22	(0-30)	SW846 8270C
2-Methylnaphthalene	70	(35 - 110)			SW846 8270C
	85	(35 - 110)	20	(0-30)	SW846 8270C
2-Methylphenol	63	(26 - 110)			SW846 8270C
	80	(26 - 110)	23	(0-30)	SW846 8270C
4-Methylphenol	65	(25 - 110)			SW846 8270C
	82	(25 - 110)	23	(0-30)	SW846 8270C
Naphthalene	62	(32 - 110)			SW846 8270C
	77	(32 - 110)	21	(0-30)	SW846 8270C
2-Nitroaniline	78	(31 - 129)			SW846 8270C
	82	(31 - 129)	5.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	84	(23 - 112)			SW846 8270C
	84	(23 - 112)	0.39	(0-30)	SW846 8270C
4-Nitroaniline	85	(26 - 115)			SW846 8270C
	86	(26 - 115)	1.3	(0-30)	SW846 8270C
Nitrobenzene	64	(26 - 118)			SW846 8270C
	79	(26 - 118)	21	(0-30)	SW846 8270C
2-Nitrophenol	63	(30 - 110)			SW846 8270C
	83	(30 - 110)	27	(0-30)	SW846 8270C
4-Nitrophenol	**77**	**(13 - 127)**			**SW846 8270C**
	76	**(13 - 127)**	**1.1**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**63**	**(25 - 119)**			**SW846 8270C**
	80	**(25 - 119)**	**24**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	74	(28 - 118)			SW846 8270C
	79	(28 - 118)	6.1	(0-30)	SW846 8270C
Pentachlorophenol	**66**	**(23 - 110)**			**SW846 8270C**
	72	**(23 - 110)**	**8.8**	**(0-30)**	**SW846 8270C**
Phenanthrene	76	(47 - 110)			SW846 8270C
	80	(47 - 110)	4.4	(0-30)	SW846 8270C
Phenol	**62**	**(16 - 110)**			**SW846 8270C**
	80	**(16 - 110)**	**25**	**(0-30)**	**SW846 8270C**
Pyrene	**83**	**(54 - 115)**			**SW846 8270C**
	85	**(54 - 115)**	**2.0**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	80	(36 - 110)			SW846 8270C
	86	(36 - 110)	6.5	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	76	(34 - 110)			SW846 8270C
	82	(34 - 110)	7.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64	(27 - 111)
	85	(27 - 111)
2-Fluorobiphenyl	66	(28 - 110)
	84	(28 - 110)
Terphenyl-d14	90	(37 - 119)
	95	(37 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC3KA1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290159-005 KC3KA1AG-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	64	(10 - 110)
	84	(10 - 110)
2-Fluorophenol	37	(10 - 110)
	62	(10 - 110)
2,4,6-Tribromophenol	84	(22 - 120)
	90	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 450 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	44	42	ug/L	95		SW846 8270C
	ND	44	45	ug/L	101	6.2	SW846 8270C
Pyridine	ND	44	24	ug/L	54		SW846 8270C
	ND	44	25	ug/L	57	5.1	SW846 8270C
Acenaphthene	**ND**	**44**	**30**	**ug/L**	**68**		**SW846 8270C**
	ND	**44**	**32**	**ug/L**	**71**	**4.9**	**SW846 8270C**
Acenaphthylene	ND	44	29	ug/L	66		SW846 8270C
	ND	44	31	ug/L	71	7.3	SW846 8270C
Acetophenone	ND	44	31	ug/L	70		SW846 8270C
	ND	44	32	ug/L	73	4.4	SW846 8270C
Anthracene	ND	44	28	ug/L	63		SW846 8270C
	ND	44	29	ug/L	65	2.3	SW846 8270C
Atrazine	ND	44	35	ug/L	79		SW846 8270C
	ND	44	38	ug/L	85	8.1	SW846 8270C
Benzo(a)anthracene	ND	44	27	ug/L	61		SW846 8270C
	ND	44	30	ug/L	68	10	SW846 8270C
Benzo(a)pyrene	ND	44	26	ug/L	58		SW846 8270C
	ND	44	28	ug/L	63	8.0	SW846 8270C
Benzo(b)fluoranthene	ND	44	30	ug/L	68		SW846 8270C
	ND	44	32	ug/L	72	4.4	SW846 8270C
Benzo(ghi)perylene	ND	44	32	ug/L	72		SW846 8270C
	ND	44	35	ug/L	78	7.1	SW846 8270C
Benzo(k)fluoranthene	ND	44	31	ug/L	69		SW846 8270C
	ND	44	32	ug/L	73	5.1	SW846 8270C
Benzaldehyde	ND	44	23	ug/L	52		SW846 8270C
	ND	44	37	ug/L	82 p	46	SW846 8270C
1,1'-Biphenyl	ND	44	29	ug/L	65		SW846 8270C
	ND	44	33	ug/L	74	13	SW846 8270C
bis(2-Chloroethoxy) methane	ND	44	29	ug/L	65		SW846 8270C
	ND	44	35	ug/L	80	20	SW846 8270C
bis(2-Chloroethyl)-ether	ND	44	29	ug/L	66		SW846 8270C
	ND	44	33	ug/L	75	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	44	30	ug/L	67		SW846 8270C
	ND	44	34	ug/L	76	13	SW846 8270C
4-Bromophenyl phenyl ether	ND	44	35	ug/L	79		SW846 8270C
	ND	44	36	ug/L	82	4.2	SW846 8270C
Butyl benzyl phthalate	ND	44	30	ug/L	67		SW846 8270C
	ND	44	34	ug/L	78	14	SW846 8270C
Caprolactam	ND	44	32	ug/L	72		SW846 8270C
	ND	44	35	ug/L	79	9.8	SW846 8270C
Carbazole	ND	44	33	ug/L	73		SW846 8270C
	ND	44	33	ug/L	74	0.54	SW846 8270C
4-Chloroaniline	ND	44	20	ug/L	44		SW846 8270C
	ND	44	25	ug/L	55	23	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**44**	**29**	**ug/L**	**66**		**SW846 8270C**
	ND	**44**	**35**	**ug/L**	**79**	**18**	**SW846 8270C**
2-Chloronaphthalene	ND	44	30	ug/L	67		SW846 8270C
	ND	44	33	ug/L	74	10	SW846 8270C
2-Chlorophenol	**ND**	**44**	**24**	**ug/L**	**55**		**SW846 8270C**
	ND	**44**	**32**	**ug/L**	**71**	**26**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	44	33	ug/L	74		SW846 8270C
	ND	44	35	ug/L	78	5.8	SW846 8270C
Chrysene	ND	44	31	ug/L	70		SW846 8270C
	ND	44	34	ug/L	76	9.3	SW846 8270C
Dibenz(a,h)anthracene	ND	44	33	ug/L	75		SW846 8270C
	ND	44	37	ug/L	84	12	SW846 8270C
Dibenzofuran	ND	44	31	ug/L	69		SW846 8270C
	ND	44	32	ug/L	72	4.5	SW846 8270C
3,3'-Dichlorobenzidine	ND	44	0.0	ug/L	0.0 a		SW846 8270C
	ND	44	0.0	ug/L	0.0 a	0.0	SW846 8270C
2,4-Dichlorophenol	ND	44	29	ug/L	65		SW846 8270C
	ND	44	34	ug/L	77	17	SW846 8270C
Diethyl phthalate	ND	44	34	ug/L	76		SW846 8270C
	ND	44	37	ug/L	83	8.0	SW846 8270C
2,4-Dimethylphenol	ND	44	24	ug/L	53		SW846 8270C
	ND	44	26	ug/L	58	10	SW846 8270C
Dimethyl phthalate	ND	44	33	ug/L	75		SW846 8270C
	ND	44	36	ug/L	82	7.9	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	44	34	ug/L	77		SW846 8270C
	ND	44	36	ug/L	80	4.1	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	44	30	ug/L	68		SW846 8270C
	ND	44	33	ug/L	75	11	SW846 8270C
2,4-Dinitrophenol	ND	44	28	ug/L	62		SW846 8270C
	ND	44	30	ug/L	68	9.1	SW846 8270C
2,4-Dinitrotoluene	**ND**	**44**	**36**	**ug/L**	**80**		**SW846 8270C**
	ND	**44**	**39**	**ug/L**	**88**	**10**	**SW846 8270C**
2,6-Dinitrotoluene	ND	44	35	ug/L	79		SW846 8270C
	ND	44	39	ug/L	88	11	SW846 8270C
Di-n-octyl phthalate	ND	44	29	ug/L	65		SW846 8270C
	ND	44	33	ug/L	74	13	SW846 8270C
Fluoranthene	ND	44	32	ug/L	72		SW846 8270C
	ND	44	35	ug/L	79	8.7	SW846 8270C
Fluorene	ND	44	32	ug/L	72		SW846 8270C
	ND	44	32	ug/L	71	0.76	SW846 8270C
Hexachlorobenzene	ND	44	33	ug/L	75		SW846 8270C
	ND	44	37	ug/L	83	9.7	SW846 8270C
Hexachlorobutadiene	ND	44	18	ug/L	40		SW846 8270C
	ND	44	29	ug/L	66 p	50	SW846 8270C
Hexachlorocyclopenta-diene	ND	44	2.2	ug/L	4.9 a		SW846 8270C
	ND	44	2.7	ug/L	6.0 a	22	SW846 8270C
Hexachloroethane	ND	44	17	ug/L	39		SW846 8270C
	ND	44	26	ug/L	59 p	41	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	44	32	ug/L	73		SW846 8270C
	ND	44	34	ug/L	76	4.8	SW846 8270C
Isophorone	ND	44	32	ug/L	71		SW846 8270C
	ND	44	39	ug/L	88	22	SW846 8270C
2-Methylnaphthalene	ND	44	30	ug/L	68		SW846 8270C
	ND	44	37	ug/L	84	21	SW846 8270C
2-Methylphenol	ND	44	28	ug/L	63		SW846 8270C
	ND	44	30	ug/L	68	7.6	SW846 8270C
4-Methylphenol	ND	89	55	ug/L	62		SW846 8270C
	ND	89	57	ug/L	64	3.2	SW846 8270C
Naphthalene	ND	44	27	ug/L	62		SW846 8270C
	ND	44	35	ug/L	78	24	SW846 8270C
2-Nitroaniline	ND	44	34	ug/L	77		SW846 8270C
	ND	44	38	ug/L	85	10	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	44	24	ug/L	55		SW846 8270C
	ND	44	28	ug/L	62	13	SW846 8270C
4-Nitroaniline	ND	44	29	ug/L	65		SW846 8270C
	ND	44	29	ug/L	66	2.6	SW846 8270C
Nitrobenzene	ND	44	31	ug/L	69		SW846 8270C
	ND	44	36	ug/L	82	17	SW846 8270C
2-Nitrophenol	ND	44	28	ug/L	63		SW846 8270C
	ND	44	35	ug/L	78	21	SW846 8270C
4-Nitrophenol	**ND**	**44**	**32**	**ug/L**	**73**		**SW846 8270C**
	ND	**44**	**35**	**ug/L**	**79**	**8.4**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**44**	**32**	**ug/L**	**72**		**SW846 8270C**
	ND	**44**	**35**	**ug/L**	**79**	**9.8**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	44	26	ug/L	60		SW846 8270C
	ND	44	28	ug/L	62	4.8	SW846 8270C
Pentachlorophenol	**ND**	**44**	**37**	**ug/L**	**83**		**SW846 8270C**
	ND	**44**	**40**	**ug/L**	**89**	**7.0**	**SW846 8270C**
Phenanthrene	ND	44	31	ug/L	70		SW846 8270C
	ND	44	31	ug/L	70	0.18	SW846 8270C
Phenol	**ND**	**44**	**24**	**ug/L**	**55**		**SW846 8270C**
	ND	**44**	**27**	**ug/L**	**61**	**11**	**SW846 8270C**
Pyrene	**ND**	**44**	**30**	**ug/L**	**68**		**SW846 8270C**
	ND	**44**	**30**	**ug/L**	**67**	**1.2**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	44	30	ug/L	67		SW846 8270C
	ND	44	32	ug/L	72	6.2	SW846 8270C
2,4,6-Trichloro-phenol	ND	44	30	ug/L	66		SW846 8270C
	ND	44	31	ug/L	70	5.5	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
	82	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
	69	(28 - 110)
Terphenyl-d14	84	(37 - 119)
	82	(37 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	56	(10 - 110)
	68	(10 - 110)
2-Fluorophenol	28	(10 - 110)
	49	(10 - 110)
2,4,6-Tribromophenol	88	(22 - 120)
	89	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 12/03/07 **Analysis Date..:** 12/06/07
Prep Batch #...: 7335043
Dilution Factor: 1 **Initial Wgt/Vol:** 450 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	95	(13 - 124)			SW846 8270C
	101	(13 - 124)	6.2	(0-30)	SW846 8270C
Pyridine	54	(10 - 110)			SW846 8270C
	57	(10 - 110)	5.1	(0-30)	SW846 8270C
Acenaphthene	**68**	**(36 - 110)**			**SW846 8270C**
	71	**(36 - 110)**	**4.9**	**(0-30)**	**SW846 8270C**
Acenaphthylene	66	(39 - 110)			SW846 8270C
	71	(39 - 110)	7.3	(0-30)	SW846 8270C
Acetophenone	70	(50 - 130)			SW846 8270C
	73	(50 - 130)	4.4	(0-30)	SW846 8270C
Anthracene	63	(46 - 110)			SW846 8270C
	65	(46 - 110)	2.3	(0-30)	SW846 8270C
Atrazine	79	(50 - 130)			SW846 8270C
	85	(50 - 130)	8.1	(0-30)	SW846 8270C
Benzo(a)anthracene	61	(52 - 110)			SW846 8270C
	68	(52 - 110)	10	(0-30)	SW846 8270C
Benzo(a)pyrene	58	(33 - 110)			SW846 8270C
	63	(33 - 110)	8.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	68	(33 - 114)			SW846 8270C
	72	(33 - 114)	4.4	(0-30)	SW846 8270C
Benzo(ghi)perylene	72	(34 - 116)			SW846 8270C
	78	(34 - 116)	7.1	(0-30)	SW846 8270C
Benzo(k)fluoranthene	69	(32 - 121)			SW846 8270C
	73	(32 - 121)	5.1	(0-30)	SW846 8270C
Benzaldehyde	52	(10 - 130)			SW846 8270C
	82 p	(10 - 130)	46	(0-30)	SW846 8270C
1,1'-Biphenyl	65	(50 - 130)			SW846 8270C
	74	(50 - 130)	13	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(35 - 110)			SW846 8270C
	80	(35 - 110)	20	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	66	(27 - 110)			SW846 8270C
	75	(27 - 110)	12	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	67	(40 - 140)			SW846 8270C
	76	(40 - 140)	13	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	79	(42 - 113)			SW846 8270C
	82	(42 - 113)	4.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	67	(51 - 121)			SW846 8270C
	78	(51 - 121)	14	(0-30)	SW846 8270C
Caprolactam	72	(50 - 130)			SW846 8270C
	79	(50 - 130)	9.8	(0-30)	SW846 8270C
Carbazole	73	(49 - 114)			SW846 8270C
	74	(49 - 114)	0.54	(0-30)	SW846 8270C
4-Chloroaniline	44	(10 - 110)			SW846 8270C
	55	(10 - 110)	23	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**66**	**(33 - 110)**			**SW846 8270C**
	79	**(33 - 110)**	**18**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	67	(34 - 110)			SW846 8270C
	74	(34 - 110)	10	(0-30)	SW846 8270C
2-Chlorophenol	**55**	**(26 - 110)**			**SW846 8270C**
	71	**(26 - 110)**	**26**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	74	(43 - 113)			SW846 8270C
	78	(43 - 113)	5.8	(0-30)	SW846 8270C
Chrysene	70	(52 - 111)			SW846 8270C
	76	(52 - 111)	9.3	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	75	(35 - 118)			SW846 8270C
	84	(35 - 118)	12	(0-30)	SW846 8270C
Dibenzofuran	69	(41 - 110)			SW846 8270C
	72	(41 - 110)	4.5	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	0.0 a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dichlorophenol	65	(30 - 110)			SW846 8270C
	77	(30 - 110)	17	(0-30)	SW846 8270C
Diethyl phthalate	76	(33 - 130)			SW846 8270C
	83	(33 - 130)	8.0	(0-30)	SW846 8270C
2,4-Dimethylphenol	53	(11 - 110)			SW846 8270C
	58	(11 - 110)	10	(0-30)	SW846 8270C
Dimethyl phthalate	75	(36 - 124)			SW846 8270C
	82	(36 - 124)	7.9	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	77	(50 - 117)			SW846 8270C
	80	(50 - 117)	4.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	68	(25 - 110)			SW846 8270C
	75	(25 - 110)	11	(0-30)	SW846 8270C
2,4-Dinitrophenol	62	(11 - 119)			SW846 8270C
	68	(11 - 119)	9.1	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**80**	**(46 - 119)**			**SW846 8270C**
	88	**(46 - 119)**	**10**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	79	(48 - 115)			SW846 8270C
	88	(48 - 115)	11	(0-30)	SW846 8270C
Di-n-octyl phthalate	65	(36 - 124)			SW846 8270C
	74	(36 - 124)	13	(0-30)	SW846 8270C
Fluoranthene	72	(53 - 111)			SW846 8270C
	79	(53 - 111)	8.7	(0-30)	SW846 8270C
Fluorene	72	(43 - 110)			SW846 8270C
	71	(43 - 110)	0.76	(0-30)	SW846 8270C
Hexachlorobenzene	75	(40 - 113)			SW846 8270C
	83	(40 - 113)	9.7	(0-30)	SW846 8270C
Hexachlorobutadiene	40	(14 - 110)			SW846 8270C
	66 p	(14 - 110)	50	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	4.9 a	(10 - 110)			SW846 8270C
	6.0 a	(10 - 110)	22	(0-30)	SW846 8270C
Hexachloroethane	39	(10 - 110)			SW846 8270C
	59 p	(10 - 110)	41	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(36 - 116)			SW846 8270C
	76	(36 - 116)	4.8	(0-30)	SW846 8270C
Isophorone	71	(34 - 125)			SW846 8270C
	88	(34 - 125)	22	(0-30)	SW846 8270C
2-Methylnaphthalene	68	(35 - 110)			SW846 8270C
	84	(35 - 110)	21	(0-30)	SW846 8270C
2-Methylphenol	63	(26 - 110)			SW846 8270C
	68	(26 - 110)	7.6	(0-30)	SW846 8270C
4-Methylphenol	62	(25 - 110)			SW846 8270C
	64	(25 - 110)	3.2	(0-30)	SW846 8270C
Naphthalene	62	(32 - 110)			SW846 8270C
	78	(32 - 110)	24	(0-30)	SW846 8270C
2-Nitroaniline	77	(31 - 129)			SW846 8270C
	85	(31 - 129)	10	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	55	(23 - 112)			SW846 8270C
	62	(23 - 112)	13	(0-30)	SW846 8270C
4-Nitroaniline	65	(26 - 115)			SW846 8270C
	66	(26 - 115)	2.6	(0-30)	SW846 8270C
Nitrobenzene	69	(26 - 118)			SW846 8270C
	82	(26 - 118)	17	(0-30)	SW846 8270C
2-Nitrophenol	63	(30 - 110)			SW846 8270C
	78	(30 - 110)	21	(0-30)	SW846 8270C
4-Nitrophenol	**73**	**(13 - 127)**			**SW846 8270C**
	79	**(13 - 127)**	**8.4**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**72**	**(25 - 119)**			**SW846 8270C**
	79	**(25 - 119)**	**9.8**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	60	(28 - 118)			SW846 8270C
	62	(28 - 118)	4.8	(0-30)	SW846 8270C
Pentachlorophenol	**83**	**(23 - 110)**			**SW846 8270C**
	89	**(23 - 110)**	**7.0**	**(0-30)**	**SW846 8270C**
Phenanthrene	70	(47 - 110)			SW846 8270C
	70	(47 - 110)	0.18	(0-30)	SW846 8270C
Phenol	**55**	**(16 - 110)**			**SW846 8270C**
	61	**(16 - 110)**	**11**	**(0-30)**	**SW846 8270C**
Pyrene	**68**	**(54 - 115)**			**SW846 8270C**
	67	**(54 - 115)**	**1.2**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	67	(36 - 110)			SW846 8270C
	72	(36 - 110)	6.2	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	66	(34 - 110)			SW846 8270C
	70	(34 - 110)	5.5	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
	82	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
	69	(28 - 110)
Terphenyl-d14	84	(37 - 119)
	82	(37 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1CM-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1CN-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	56	(10 - 110)
	68	(10 - 110)
2-Fluorophenol	28	(10 - 110)
	49	(10 - 110)
2,4,6-Tribromophenol	88	(22 - 120)
	89	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

GC Semivolatiles

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X31AE **Matrix.....:** WG
Date Sampled...: 11/27/07 09:15 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/29/07
Prep Batch #...: 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 950 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	**0.086 J**	**0.10**	**ug/L**	**0.061**
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(27 - 130)
Decachlorobiphenyl	47	(10 - 127)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

GC Semivolatiles

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A1AP **Matrix.....:** WG
Date Sampled...: 11/27/07 10:25 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/29/07
Prep Batch #...: 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 950 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(27 - 130)
Decachlorobiphenyl	50	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

GC Semivolatiles

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E1AP **Matrix.....:** WG
Date Sampled...: 11/27/07 11:55 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/29/07
Prep Batch #...: 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	61	(27 - 130)
Decachlorobiphenyl	53	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

GC Semivolatiles

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K1CH **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/29/07
Prep Batch #...: 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 900 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(27 - 130)
Decachlorobiphenyl	34	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

GC Semivolatiles

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M1AP **Matrix.....:** WG
Date Sampled...: 11/27/07 15:30 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(27 - 130)
Decachlorobiphenyl	78	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

GC Semivolatiles

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q1AP **Matrix.....:** WG
Date Sampled...: 11/27/07 16:00 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(27 - 130)
Decachlorobiphenyl	75	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

GC Semivolatiles

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E31AE **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	51	(27 - 130)
Decachlorobiphenyl	70	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

GC Semivolatiles

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E41AP **Matrix.....:** WG
Date Sampled...: 11/28/07 10:40 **Date Received..:** 11/29/07
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	**0.33**	**0.10**	**ug/L**	**0.061**
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	**0.29**	**0.10**	**ug/L**	**0.038**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(27 - 130)
Decachlorobiphenyl	27	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

GC Semivolatiles

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E61AP **Matrix.....:** WG
Date Sampled...: 11/28/07 12:50 **Date Received..:** 11/29/07
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	55	(27 - 130)
Decachlorobiphenyl	39	(10 - 127)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC08N1AA **Matrix.....:** WATER
MB Lot-Sample #: A7K280000-286

Prep Date.....: 11/28/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 11/30/07 **Prep Batch #...:** 7332286
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.10	ug/L	SW846 8082
Aroclor 1221	ND	0.10	ug/L	SW846 8082
Aroclor 1232	ND	0.10	ug/L	SW846 8082
Aroclor 1242	ND	0.10	ug/L	SW846 8082
Aroclor 1248	ND	0.10	ug/L	SW846 8082
Aroclor 1254	ND	0.10	ug/L	SW846 8082
Aroclor 1260	ND	0.10	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
Decachlorobiphenyl	67	(10 - 127)

NOTE(S):

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

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC81J1AA **Matrix.....:** WATER
MB Lot-Sample #: A7L010000-020

Prep Date.....: 12/01/07 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 12/03/07 **Prep Batch #...:** 7335020
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.10	ug/L	SW846 8082
Aroclor 1221	ND	0.10	ug/L	SW846 8082
Aroclor 1232	ND	0.10	ug/L	SW846 8082
Aroclor 1242	ND	0.10	ug/L	SW846 8082
Aroclor 1248	ND	0.10	ug/L	SW846 8082
Aroclor 1254	ND	0.10	ug/L	SW846 8082
Aroclor 1260	ND	0.10	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
Decachlorobiphenyl	86	(10 - 127)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC08N1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K280000-286
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332286
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**10**	**7.1**	**ug/L**	**71**	**SW846 8082**
Aroclor 1260	**10**	**7.1**	**ug/L**	**71**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(27 - 130)
Decachlorobiphenyl	49	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC08N1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7K280000-286
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332286
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**71**	**(44 - 119)**	**SW846 8082**
Aroclor 1260	**71**	**(41 - 118)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(27 - 130)
Decachlorobiphenyl	49	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC81J1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-020
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**10**	**9.1**	**ug/L**	**91**	**SW846 8082**
Aroclor 1260	**10**	**9.8**	**ug/L**	**98**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(27 - 130)
Decachlorobiphenyl	81	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC81J1AC **Matrix.....:** WATER
LCS Lot-Sample#: A7L010000-020
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**91**	**(44 - 119)**	**SW846 8082**
Aroclor 1260	**98**	**(41 - 118)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	67	(27 - 130)
Decachlorobiphenyl	81	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1D8-MSD
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332286
Dilution Factor: 5 **Initial Wgt/Vol:** 460 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**22**	**18**	**ug/L**	**83**		**SW846 8082**
	ND	**22**	**16**	**ug/L**	**72**	**15**	**SW846 8082**
Aroclor 1260	**ND**	**22**	**16**	**ug/L**	**71**		**SW846 8082**
	ND	**22**	**14**	**ug/L**	**66**	**8.6**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(27 - 130)
	74	(27 - 130)
Decachlorobiphenyl	59	(10 - 127)
	57	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC00K1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A7K280195-004 KC00K1D8-MSD
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07
Prep Date.....: 11/28/07 **Analysis Date..:** 11/30/07
Prep Batch #...: 7332286
Dilution Factor: 5 **Initial Wgt/Vol:** 460 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**83**	**(10 - 166)**			**SW846 8082**
	72	**(10 - 166)**	**15**	**(0-30)**	**SW846 8082**
Aroclor 1260	**71**	**(21 - 140)**			**SW846 8082**
	66	**(21 - 140)**	**8.6**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(27 - 130)
	74	(27 - 130)
Decachlorobiphenyl	59	(10 - 127)
	57	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC5E71AG-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290344-001 KC5E71AH-MSD
Date Sampled...: 11/27/07 11:10 **Date Received..:** 11/29/07
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 5 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**20**	**18**	**ug/L**	**93**		**SW846 8082**
	ND	**20**	**19**	**ug/L**	**97**	**4.6**	**SW846 8082**
Aroclor 1260	**ND**	**20**	**16**	**ug/L**	**84**		**SW846 8082**
	ND	**20**	**17**	**ug/L**	**86**	**3.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(27 - 130)
	72	(27 - 130)
Decachlorobiphenyl	74	(10 - 127)
	76	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 7K28195 **Work Order #...:** KC5E71AG-MS **Matrix.....:** WATER
MS Lot-Sample #: A7K290344-001 KC5E71AH-MSD
Date Sampled...: 11/27/07 11:10 **Date Received..:** 11/29/07
Prep Date.....: 12/01/07 **Analysis Date..:** 12/03/07
Prep Batch #...: 7335020
Dilution Factor: 5 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**93**	**(10 - 166)**			**SW846 8082**
	97	**(10 - 166)**	**4.6**	**(0-30)**	**SW846 8082**
Aroclor 1260	**84**	**(21 - 140)**			**SW846 8082**
	86	**(21 - 140)**	**3.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(27 - 130)
	72	(27 - 130)
Decachlorobiphenyl	74	(10 - 127)
	76	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

TOTAL Metals

Lot-Sample #...: A7K280195-001 **Matrix.....:** WG
Date Sampled...: 11/27/07 09:15 **Date Received..:** 11/28/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC0X31A7
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC0X31AK
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**191**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC0X31AG**
		Dilution Factor: 1		Analysis Time..: 17:47	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31AM
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**21.2 B,J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31AN**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31AP
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**47400 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31AR**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31AQ
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31AT
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

TOTAL Metals

Lot-Sample #...: A7K280195-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**9.2**	**5.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31A6**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**6.3 J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC0X31AJ**
		Dilution Factor: 1		Analysis Time..: 17:47	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**415**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31AU**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**7770 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31A1**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**6860 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31AW**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**15.1 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31AX**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**54900**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31A3**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31A0
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31AV
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**1.3 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC0X31AH**
		Dilution Factor: 1		Analysis Time..: 17:47	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

TOTAL Metals

Lot-Sample #...: A7K280195-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31A2
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC0X31AL
		Dilution Factor: 1		Analysis Time..: 17:47	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	**3.3 B**	**4.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC0X31A4**
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC0X31A5
		Dilution Factor: 1		Analysis Time..: 06:35	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC0X31A8
		Dilution Factor: 1		Analysis Time..: 11:05	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

TOTAL Metals

Lot-Sample #...: A7K280195-002 **Matrix.....:** WG
Date Sampled...: 11/27/07 10:25 **Date Received..:** 11/28/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC00A1AJ
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC00A1AV
		Dilution Factor: 1		Analysis Time..: 20:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**523**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00A1AR**
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1AX
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**52.6 B,J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1A0**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1A1
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**67500 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1A3**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1A2
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1A4
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

TOTAL Metals

Lot-Sample #...: A7K280195-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1AH
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.1 J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00A1AU**
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**879**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1A5**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**1860 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1AC**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**23400 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1A7**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**245 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1A8**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**444000**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1AE**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	**4.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1AA**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1A6
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.36 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00A1AT**
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

TOTAL Metals

Lot-Sample #...: A7K280195-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1AD
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC00A1AW
		Dilution Factor: 1		Analysis Time..: 17:50	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KC00A1AF
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**6.0 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00A1AG**
		Dilution Factor: 1		Analysis Time..: 06:54	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC00A1AK
		Dilution Factor: 1		Analysis Time..: 10:53	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

TOTAL Metals

Lot-Sample #...: A7K280195-003 **Matrix.....:** WG
Date Sampled...: 11/27/07 11:55 **Date Received..:** 11/28/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC00E1AJ
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC00E1AV
		Dilution Factor: 1		Analysis Time..: 20:13	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**463**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00E1AR**
		Dilution Factor: 1		Analysis Time..: 17:54	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1AX
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**12.0 B,J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1A0**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1A1
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**29400 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1A3**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1A2
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1A4
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

TOTAL Metals

Lot-Sample #...: A7K280195-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1AH
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.5 J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00E1AU**
		Dilution Factor: 1		Analysis Time..: 17:54	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**829**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1A5**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**2370 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1AC**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**4700 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1A7**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**14.5 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1A8**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**284000**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1AE**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1AA
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1A6
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.63 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00E1AT**
		Dilution Factor: 1		Analysis Time..: 17:54	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

TOTAL Metals

Lot-Sample #...: A7K280195-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00E1AD
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC00E1AW
		Dilution Factor: 1		Analysis Time..: 17:54	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	**3.2 B**	**4.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1AF**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**10.5 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00E1AG**
		Dilution Factor: 1		Analysis Time..: 06:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC00E1AK
		Dilution Factor: 1		Analysis Time..: 10:55	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

TOTAL Metals

Lot-Sample #...: A7K280195-004 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC00K1A1
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC00K1C1
		Dilution Factor: 1		Analysis Time..: 20:16	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**644**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00K1CP**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	**5.9**	**5.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1C7**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**9.7 B,J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1DA**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00K1DE
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**12800 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1DL**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00K1DH
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC00K1DP
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

TOTAL Metals

Lot-Sample #...: A7K280195-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**6.5**	**5.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1AW**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**4.4 J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00K1CW**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**1030**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1DT**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**4960 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1AE**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**2020 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1D1**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**23.5 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1D4**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**68900**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1AL**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC00K1AA
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	**5.6**	**3.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1DW**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**1.1 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00K1CT**
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

TOTAL Metals

Lot-Sample #...: A7K280195-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00K1AH
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC00K1C4
		Dilution Factor: 1		Analysis Time..: 17:57	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	**5.4**	**4.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1AP**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**16.2 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00K1AT**
		Dilution Factor: 1		Analysis Time..: 07:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC00K1A4
		Dilution Factor: 1		Analysis Time..: 10:56	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

TOTAL Metals

Lot-Sample #...: A7K280195-005 **Matrix.....:** WG
Date Sampled...: 11/27/07 15:30 **Date Received..:** 11/28/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC00M1AJ
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	**0.086 B**	**0.20**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00M1AV**
		Dilution Factor: 1		Analysis Time..: 20:28	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**9.8 B**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00M1AR**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1AX
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**310 J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00M1A0**
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1A1
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**334000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00M1A3**
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1A2
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1A4
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

TOTAL Metals

Lot-Sample #...: A7K280195-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1AH
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**1.5 B,J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00M1AU**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	ND	100	ug/L	SW846 6010B	12/03-12/06/07	KC00M1A5
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**6320 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00M1AC**
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**59300 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00M1A7**
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**121 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00M1A8**
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**2060000**	**10000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00M1AE**
		Dilution Factor: 10		Analysis Time..: 10:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5900		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1AA
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1A6
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.39 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00M1AT**
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

TOTAL Metals

Lot-Sample #...: A7K280195-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1AD
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC00M1AW
		Dilution Factor: 1		Analysis Time..: 18:09	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1AF
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC00M1AG
		Dilution Factor: 1		Analysis Time..: 07:19	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC00M1AK
		Dilution Factor: 1		Analysis Time..: 11:03	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

TOTAL Metals

Lot-Sample #...: A7K280195-006 **Matrix.....:** WG
Date Sampled...: 11/27/07 16:00 **Date Received..:** 11/28/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC00Q1AJ
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC00Q1AV
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	ND	50.0	ug/L	SW846 6020	12/03/07	KC00Q1AR
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1AX
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**296 J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00Q1A0**
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1A1
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**321000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00Q1A3**
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1A2
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1A4
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

TOTAL Metals

Lot-Sample #...: A7K280195-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1AH
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**1.6 B,J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00Q1AU**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	ND	100	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1A5
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**6020 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00Q1AC**
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**57100 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00Q1A7**
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**114 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00Q1A8**
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**2030000**	**10000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC00Q1AE**
		Dilution Factor: 10		Analysis Time..: 10:09	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5900		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1AA
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1A6
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.18 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC00Q1AT**
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

TOTAL Metals

Lot-Sample #...: A7K280195-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1AD
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC00Q1AW
		Dilution Factor: 1		Analysis Time..: 18:23	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1AF
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC00Q1AG
		Dilution Factor: 1		Analysis Time..: 07:24	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC00Q1AK
		Dilution Factor: 1		Analysis Time..: 11:04	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

TOTAL Metals

Lot-Sample #...: A7K290147-001 **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC3E31A7
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC3E31AK
		Dilution Factor: 1		Analysis Time..: 18:26	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	ND	50.0	ug/L	SW846 6020	12/03/07	KC3E31AG
		Dilution Factor: 1		Analysis Time..: 18:26	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E31AM
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**197 J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AN**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E31AP
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**324000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AR**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	**0.71 B**	**1.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AQ**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	**2.1 B**	**7.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AT**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

TOTAL Metals

Lot-Sample #...: A7K290147-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.8 B**	**5.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31A6**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.2 J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E31AJ**
		Dilution Factor: 1		Analysis Time..: 18:26	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**125**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AU**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**7370 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31A1**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**70900 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AW**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**192 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31AX**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**488000**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31A3**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	**3.5 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31A0**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E31AV
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.17 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E31AH**
		Dilution Factor: 1		Analysis Time..: 18:26	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

TOTAL Metals

Lot-Sample #...: A7K290147-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E31A2
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC3E31AL
		Dilution Factor: 1		Analysis Time..: 18:26	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E31A4
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**5.8 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E31A5**
		Dilution Factor: 1		Analysis Time..: 07:29	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC3E31A8
		Dilution Factor: 1		Analysis Time..: 11:07	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

TOTAL Metals

Lot-Sample #...: A7K290147-002 **Matrix.....:** WG
Date Sampled...: 11/28/07 10:40 **Date Received..:** 11/29/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	**0.0051**	**0.0050**	**mg/L**	**SW846 7196A**	**12/03-12/06/07**	**KC3E41AJ**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC3E41AV
		Dilution Factor: 1		Analysis Time..: 18:29	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**11.6 B**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E41AR**
		Dilution Factor: 1		Analysis Time..: 18:29	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E41AX
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**394 J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41A0**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E41A1
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**323000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41A3**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E41A2
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	**2.5 B**	**7.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41A4**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

TOTAL Metals

Lot-Sample #...: A7K290147-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**5.1**	**5.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41AH**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**1.6 B,J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E41AU**
		Dilution Factor: 1		Analysis Time..: 18:29	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**1810**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41A5**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**5270 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41AC**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**56000 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41A7**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**2150 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41A8**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**876000**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41AE**
		Dilution Factor: 5		Analysis Time..: 10:14	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2950		
Nickel	**6.7 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41AA**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E41A6
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	ND	2.0	ug/L	SW846 6020	12/03/07	KC3E41AT
		Dilution Factor: 1		Analysis Time..: 18:29	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

TOTAL Metals

Lot-Sample #...: A7K290147-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E41AD
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC3E41AW
		Dilution Factor: 1		Analysis Time..: 18:29	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E41AF
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**5.8 B**	**20.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E41AG**
		Dilution Factor: 1		Analysis Time..: 07:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC3E41AK
		Dilution Factor: 1		Analysis Time..: 11:08	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

TOTAL Metals

Lot-Sample #...: A7K290147-003 **Matrix.....:** WG
Date Sampled...: 11/28/07 12:50 **Date Received..:** 11/29/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7337018						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	12/03-12/06/07	KC3E61AJ
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 7337019						
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KC3E61AV
		Dilution Factor: 1		Analysis Time..: 18:33	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.080		
Aluminum	**14.2 B**	**50.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E61AR**
		Dilution Factor: 1		Analysis Time..: 18:33	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 9.3		
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61AX
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**79.5 B,J**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61A0**
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61A1
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**226000 J**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61A3**
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61A2
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61A4
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

TOTAL Metals

Lot-Sample #...: A7K290147-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61AH
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.4 J**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E61AU**
		Dilution Factor: 1		Analysis Time..: 18:33	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.27		
Iron	**87.1 B**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61A5**
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**11000 J,E**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61AC**
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**16200 J**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61A7**
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**57.7 J**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61A8**
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**643000**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KC3E61AE**
		Dilution Factor: 5		Analysis Time..: 10:33	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2950		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61AA
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61A6
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.59 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KC3E61AT**
		Dilution Factor: 1		Analysis Time..: 18:33	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

TOTAL Metals

Lot-Sample #...: A7K290147-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61AD
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KC3E61AW
		Dilution Factor: 1		Analysis Time..: 18:33	Analyst ID.....: 002260	
		Instrument ID..: I7		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61AF
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KC3E61AG
		Dilution Factor: 1		Analysis Time..: 07:38	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KC3E61AK
		Dilution Factor: 1		Analysis Time..: 11:09	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

E Matrix interference.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7L030000-019 **Prep Batch #...:** 7337019						
Aluminum	ND	50.0	ug/L	SW846 6020	12/03/07	KDACR1AK
		Dilution Factor: 1				
		Analysis Time..: 17:08	Analyst ID.....: 002260		Instrument ID..: I7	
Antimony	ND	2.0	ug/L	SW846 6020	12/03/07	KDACR1AL
		Dilution Factor: 1				
		Analysis Time..: 17:08	Analyst ID.....: 002260		Instrument ID..: I7	
Arsenic	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AQ
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Barium	**1.0 B**	**100**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KDACR1AR**
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Beryllium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AT
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Cadmium	ND	1.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AU
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Calcium	**220 B**	**5000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KDACR1AV**
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Chromium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AH
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Cobalt	ND	7.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AW
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	
Copper	**0.73 B**	**2.0**	**ug/L**	**SW846 6020**	**12/03/07**	**KDACR1AM**
		Dilution Factor: 1				
		Analysis Time..: 17:08	Analyst ID.....: 002260		Instrument ID..: I7	
Iron	ND	100	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AX
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1A0
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Magnesium	**60.3 B**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KDACR1A1**
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Manganese	**0.54 B**	**15.0**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KDACR1A2**
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Nickel	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AA
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Potassium	**183 B**	**1000**	**ug/L**	**SW846 6010B**	**12/03-12/06/07**	**KDACR1AC**
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Selenium	ND	5.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AD
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Silver	ND	0.20	ug/L	SW846 6020	12/03/07	KDACR1AN
		Dilution Factor: 1				
		Analysis Time..: 19:58	Analyst ID.....: 002260	Instrument ID..: I7		
Sodium	ND	1000	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AE
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Thallium	ND	1.0	ug/L	SW846 6020	12/03/07	KDACR1AP
		Dilution Factor: 1				
		Analysis Time..: 17:08	Analyst ID.....: 002260	Instrument ID..: I7		
Vanadium	ND	4.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AF
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Zinc	ND	20.0	ug/L	SW846 6010B	12/03-12/06/07	KDACR1AG
		Dilution Factor: 1				
		Analysis Time..: 06:15	Analyst ID.....: 001644	Instrument ID..: I5		
Mercury	ND	0.20	ug/L	SW846 7470A	12/03-12/04/07	KDACR1AJ
		Dilution Factor: 1				
		Analysis Time..: 10:48	Analyst ID.....: 001086	Instrument ID..: H4		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L030000-019 **Prep Batch #...:** 7337019							
Nickel	500	445	ug/L	89	SW846 6010B	12/03-12/06/07	KDACR1A3
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Potassium	50000	46000	ug/L	92	SW846 6010B	12/03-12/06/07	KDACR1A4
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Selenium	2000	1920	ug/L	96	SW846 6010B	12/03-12/06/07	KDACR1A5
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Sodium	50000	43300	ug/L	87	SW846 6010B	12/03-12/06/07	KDACR1A6
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Vanadium	500	453	ug/L	91	SW846 6010B	12/03-12/06/07	KDACR1A7
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Zinc	500	502	ug/L	100	SW846 6010B	12/03-12/06/07	KDACR1A8
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Chromium	200	184	ug/L	92	SW846 6010B	12/03-12/06/07	KDACR1A9
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Aluminum	1000	1030	ug/L	103	SW846 6020	12/03/07	KDACR1CC
			Dilution Factor: 1		Analysis Time..: 17:11	Analyst ID.....: 002260	
			Instrument ID..: I7				
Antimony	100	93.1	ug/L	93	SW846 6020	12/03/07	KDACR1CD
			Dilution Factor: 1		Analysis Time..: 17:11	Analyst ID.....: 002260	
			Instrument ID..: I7				
Copper	100	94.7	ug/L	95	SW846 6020	12/03/07	KDACR1CE
			Dilution Factor: 1		Analysis Time..: 17:11	Analyst ID.....: 002260	
			Instrument ID..: I7				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	100	95.8	ug/L	96	SW846 6020	12/03/07	KDACR1CF
			Dilution Factor: 1		Analysis Time..: 20:01	Analyst ID.....: 002260	
			Instrument ID..: I7				
Thallium	100	99.5	ug/L	99	SW846 6020	12/03/07	KDACR1CG
			Dilution Factor: 1		Analysis Time..: 17:11	Analyst ID.....: 002260	
			Instrument ID..: I7				
Arsenic	2000	1860	ug/L	93	SW846 6010B	12/03-12/06/07	KDACR1CH
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	90	SW846 6010B	12/03-12/06/07	KDACR1CJ
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Beryllium	50.0	48.3	ug/L	97	SW846 6010B	12/03-12/06/07	KDACR1CK
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Cadmium	50.0	46.5	ug/L	93	SW846 6010B	12/03-12/06/07	KDACR1CL
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Calcium	50000	45200	ug/L	90	SW846 6010B	12/03-12/06/07	KDACR1CM
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Cobalt	500	468	ug/L	94	SW846 6010B	12/03-12/06/07	KDACR1CN
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Iron	1000	988	ug/L	99	SW846 6010B	12/03-12/06/07	KDACR1CP
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Lead	500	462	ug/L	92	SW846 6010B	12/03-12/06/07	KDACR1CQ
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				
Magnesium	50000	45300	ug/L	91	SW846 6010B	12/03-12/06/07	KDACR1CR
			Dilution Factor: 1		Analysis Time..: 06:20	Analyst ID.....: 001644	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	500	472	ug/L	94	SW846 6010B	12/03-12/06/07	KDACR1CT

Dilution Factor: 1 Analysis Time..: 06:20 Analyst ID.....: 001644
Instrument ID..: I5

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7L030000-019 **Prep Batch #...:** 7337019					
Nickel	89	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A3
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Potassium	92	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A4
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Selenium	96	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A5
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Sodium	87	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A6
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Vanadium	91	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A7
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Zinc	100	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A8
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Chromium	92	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1A9
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Aluminum	103	(77 - 123)	SW846 6020	12/03/07	KDACR1CC
		Dilution Factor: 1	Analysis Time..: 17:11	Analyst ID.....: 002260	
		Instrument ID..: I7			
Antimony	93	(57 - 110)	SW846 6020	12/03/07	KDACR1CD
		Dilution Factor: 1	Analysis Time..: 17:11	Analyst ID.....: 002260	
		Instrument ID..: I7			
Copper	95	(82 - 113)	SW846 6020	12/03/07	KDACR1CE
		Dilution Factor: 1	Analysis Time..: 17:11	Analyst ID.....: 002260	
		Instrument ID..: I7			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	96	(83 - 111)	SW846 6020	12/03/07	KDACR1CF
		Dilution Factor: 1	Analysis Time..: 20:01	Analyst ID.....: 002260	
		Instrument ID..: I7			
Thallium	99	(82 - 113)	SW846 6020	12/03/07	KDACR1CG
		Dilution Factor: 1	Analysis Time..: 17:11	Analyst ID.....: 002260	
		Instrument ID..: I7			
Arsenic	93	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CH
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Barium	90	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CJ
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Beryllium	97	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CK
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Cadmium	93	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CL
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Calcium	90	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CM
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Cobalt	94	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CN
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Iron	99	(77 - 122)	SW846 6010B	12/03-12/06/07	KDACR1CP
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Lead	92	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CQ
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			
Magnesium	91	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CR
		Dilution Factor: 1	Analysis Time..: 06:20	Analyst ID.....: 001644	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	94	(80 - 120)	SW846 6010B	12/03-12/06/07	KDACR1CT

Dilution Factor: 1 Analysis Time..: 06:20 Analyst ID.....: 001644
Instrument ID..: I5

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7K280195-004 **Prep Batch #...:** 7337019									
Aluminum									
	644	1000	1790	ug/L	114		SW846 6020	12/03/07	KC00K1CQ
	644	1000	1760	ug/L	112	1.6	SW846 6020	12/03/07	KC00K1CR
			Dilution Factor: 1						
			Analysis Time..: 18:00		Instrument ID..: I7			Analyst ID.....: 002260	
Antimony									
	1.1	100	92.1	ug/L	91		SW846 6020	12/03/07	KC00K1CU
	1.1	100	94.9	ug/L	94	3.0	SW846 6020	12/03/07	KC00K1CV
			Dilution Factor: 1						
			Analysis Time..: 18:00		Instrument ID..: I7			Analyst ID.....: 002260	
Arsenic									
	5.9	2000	2220	ug/L	111		SW846 6010B	12/03-12/06/07	KC00K1C8
	5.9	2000	2180	ug/L	109	1.6	SW846 6010B	12/03-12/06/07	KC00K1C9
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Barium									
	9.7	2000	2140	ug/L	107		SW846 6010B	12/03-12/06/07	KC00K1DC
	9.7	2000	2110	ug/L	105	1.5	SW846 6010B	12/03-12/06/07	KC00K1DD
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Beryllium									
	ND	50.0	57.0	ug/L	114		SW846 6010B	12/03-12/06/07	KC00K1DF
	ND	50.0	56.0	ug/L	112	1.7	SW846 6010B	12/03-12/06/07	KC00K1DG
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Cadmium									
	ND	50.0	54.6	ug/L	109		SW846 6010B	12/03-12/06/07	KC00K1DJ
	ND	50.0	53.9	ug/L	108	1.4	SW846 6010B	12/03-12/06/07	KC00K1DK
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Calcium									
	12800	50000	67100	ug/L	109		SW846 6010B	12/03-12/06/07	KC00K1DM
	12800	50000	66500	ug/L	107	0.95	SW846 6010B	12/03-12/06/07	KC00K1DN
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	6.5	200	226	ug/L	110		SW846 6010B	12/03-12/06/07	KC00K1AX
	6.5	200	223	ug/L	108	1.5	SW846 6010B	12/03-12/06/07	KC00K1A0
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Cobalt									
	ND	500	556	ug/L	111		SW846 6010B	12/03-12/06/07	KC00K1DQ
	ND	500	547	ug/L	109	1.6	SW846 6010B	12/03-12/06/07	KC00K1DR
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Copper									
	4.4	100	92.8	ug/L	88		SW846 6020	12/03/07	KC00K1CX
	4.4	100	92.7	ug/L	88	0.07	SW846 6020	12/03/07	KC00K1C0
			Dilution Factor: 1						
			Analysis Time..: 18:00		Instrument ID..: I7			Analyst ID.....: 002260	
Iron									
	1030	1000	2290 N	ug/L	126		SW846 6010B	12/03-12/06/07	KC00K1DU
	1030	1000	2310 N	ug/L	128	0.67	SW846 6010B	12/03-12/06/07	KC00K1DV
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Lead									
	5.6	500	551	ug/L	109		SW846 6010B	12/03-12/06/07	KC00K1DX
	5.6	500	543	ug/L	108	1.4	SW846 6010B	12/03-12/06/07	KC00K1D0
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Magnesium									
	2020	50000	55600	ug/L	107		SW846 6010B	12/03-12/06/07	KC00K1D2
	2020	50000	55000	ug/L	106	0.97	SW846 6010B	12/03-12/06/07	KC00K1D3
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Manganese									
	23.5	500	587	ug/L	113		SW846 6010B	12/03-12/06/07	KC00K1D5
	23.5	500	577	ug/L	111	1.7	SW846 6010B	12/03-12/06/07	KC00K1D6
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	527	ug/L	105		SW846 6010B	12/03-12/06/07	KC00K1AC
	ND	500	518	ug/L	104	1.8	SW846 6010B	12/03-12/06/07	KC00K1AD
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Potassium									
	4960	50000	60100	ug/L	110		SW846 6010B	12/03-12/06/07	KC00K1AF
	4960	50000	59500	ug/L	109	0.95	SW846 6010B	12/03-12/06/07	KC00K1AG
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Selenium									
	ND	2000	2260	ug/L	113		SW846 6010B	12/03-12/06/07	KC00K1AJ
	ND	2000	2220	ug/L	111	1.8	SW846 6010B	12/03-12/06/07	KC00K1AK
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Silver									
	ND	100	88.6	ug/L	89		SW846 6020	12/03/07	KC00K1C2
	ND	100	89.2	ug/L	89	0.67	SW846 6020	12/03/07	KC00K1C3
			Dilution Factor: 1						
			Analysis Time..: 20:19		Instrument ID..: I7			Analyst ID.....: 002260	
Sodium									
	68900	50000	131000	ug/L	125		SW846 6010B	12/03-12/06/07	KC00K1AM
	68900	50000	131000	ug/L	124	0.51	SW846 6010B	12/03-12/06/07	KC00K1AN
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Thallium									
	ND	100	94.2	ug/L	94		SW846 6020	12/03/07	KC00K1C5
	ND	100	95.2	ug/L	95	1.0	SW846 6020	12/03/07	KC00K1C6
			Dilution Factor: 1						
			Analysis Time..: 18:00		Instrument ID..: I7			Analyst ID.....: 002260	
Vanadium									
	5.4	500	542	ug/L	107		SW846 6010B	12/03-12/06/07	KC00K1AQ
	5.4	500	534	ug/L	106	1.5	SW846 6010B	12/03-12/06/07	KC00K1AR
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	16.2	500	842 N	ug/L	165		SW846 6010B	12/03-12/06/07	KC00K1AU
	16.2	500	596 *	ug/L	116	34	SW846 6010B	12/03-12/06/07	KC00K1AV
			Dilution Factor: 1						
			Analysis Time..: 07:08		Instrument ID..: I5			Analyst ID.....: 001644	
Mercury									
	ND	1.0	0.90	ug/L	90		SW846 7470A	12/03-12/04/07	KC00K1A5
	ND	1.0	0.93	ug/L	93	2.9	SW846 7470A	12/03-12/04/07	KC00K1A6
			Dilution Factor: 1						
			Analysis Time..: 10:57		Instrument ID..: H4			Analyst ID.....: 001086	

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7K280195-004 **Prep Batch #...:** 7337019							
Aluminum	114	(63 - 128)			SW846 6020	12/03/07	KC00K1CQ
	112	(63 - 128)	1.6	(0-20)	SW846 6020	12/03/07	KC00K1CR
		Dilution Factor: 1					
		Analysis Time..: 18:00			Instrument ID..: I7	Analyst ID.....: 002260	
Antimony	91	(44 - 153)			SW846 6020	12/03/07	KC00K1CU
	94	(44 - 153)	3.0	(0-20)	SW846 6020	12/03/07	KC00K1CV
		Dilution Factor: 1					
		Analysis Time..: 18:00			Instrument ID..: I7	Analyst ID.....: 002260	
Arsenic	111	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1C8
	109	(75 - 125)	1.6	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1C9
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Barium	107	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DC
	105	(75 - 125)	1.5	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1DD
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Beryllium	114	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DF
	112	(75 - 125)	1.7	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1DG
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Cadmium	109	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DJ
	108	(75 - 125)	1.4	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1DK
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Calcium	109	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DM
	107	(75 - 125)	0.95	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1DN
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Chromium	110	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AX
	108	(75 - 125)	1.5	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1A0
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	111	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DQ
	109	(75 - 125)	1.6	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1DR
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Copper	88	(60 - 123)			SW846 6020	12/03/07	KC00K1CX
	88	(60 - 123)	0.07	(0-20)	SW846 6020	12/03/07	KC00K1C0
		Dilution Factor: 1					
		Analysis Time..: 18:00			Instrument ID..: I7	Analyst ID.....: 002260	
Iron	126 N	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DU
	128 N	(75 - 125)	0.67	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1DV
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Lead	109	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1DX
	108	(75 - 125)	1.4	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1D0
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Magnesium	107	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1D2
	106	(75 - 125)	0.97	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1D3
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Manganese	113	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1D5
	111	(75 - 125)	1.7	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1D6
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Nickel	105	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AC
	104	(75 - 125)	1.8	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1AD
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Potassium	110	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AF
	109	(75 - 125)	0.95	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1AG
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Selenium	113	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AJ
	111	(75 - 125)	1.8	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1AK
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	89	(10 - 139)			SW846 6020	12/03/07	KC00K1C2
	89	(10 - 139)	0.67	(0-20)	SW846 6020	12/03/07	KC00K1C3
		Dilution Factor: 1					
		Analysis Time..: 20:19			Instrument ID..: I7	Analyst ID.....: 002260	
Sodium	125	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AM
	124	(75 - 125)	0.51	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1AN
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Thallium	94	(69 - 117)			SW846 6020	12/03/07	KC00K1C5
	95	(69 - 117)	1.0	(0-20)	SW846 6020	12/03/07	KC00K1C6
		Dilution Factor: 1					
		Analysis Time..: 18:00			Instrument ID..: I7	Analyst ID.....: 002260	
Vanadium	107	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AQ
	106	(75 - 125)	1.5	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1AR
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Zinc	165 N	(75 - 125)			SW846 6010B	12/03-12/06/07	KC00K1AU
	116 *	(75 - 125)	34	(0-20)	SW846 6010B	12/03-12/06/07	KC00K1AV
		Dilution Factor: 1					
		Analysis Time..: 07:08			Instrument ID..: I5	Analyst ID.....: 001644	
Mercury	90	(69 - 134)			SW846 7470A	12/03-12/04/07	KC00K1A5
	93	(69 - 134)	2.9	(0-20)	SW846 7470A	12/03-12/04/07	KC00K1A6
		Dilution Factor: 1					
		Analysis Time..: 10:57			Instrument ID..: H4	Analyst ID.....: 001086	

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-001

General Chemistry

Lot-Sample #...: A7K280195-001 **Work Order #...:** KC0X3 **Matrix.....:** WG
Date Sampled...: 11/27/07 09:15 **Date Received..:** 11/28/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	**0.01**	**0.01**	**mg/L**	**SW846 7196A**	**11/28/07**	**7332451**
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-002

General Chemistry

Lot-Sample #...: A7K280195-002 **Work Order #...:** KC00A **Matrix.....:** WG
Date Sampled...: 11/27/07 10:25 **Date Received..:** 11/28/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/28/07	7332451
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-003

General Chemistry

Lot-Sample #...: A7K280195-003 **Work Order #...:** KC00E **Matrix.....:** WG
Date Sampled...: 11/27/07 11:55 **Date Received..:** 11/28/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/28/07	7332451
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-004

General Chemistry

Lot-Sample #...: A7K280195-004 **Work Order #...:** KC00K **Matrix.....:** WG
Date Sampled...: 11/27/07 14:30 **Date Received..:** 11/28/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	**0.006 B**	**0.01**	**mg/L**	**SW846 7196A**	**11/28/07**	**7332451**
	Dilution Factor: 1			MDL.....: 0.005		

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-005

General Chemistry

Lot-Sample #...: A7K280195-005 **Work Order #...:** KC00M **Matrix.....:** WG
Date Sampled...: 11/27/07 15:30 **Date Received..:** 11/28/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	**0.0071**	**0.0050**	**mg/L**	**SW846 9012A**	**12/06/07**	**7340544**
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/28/07	7332451
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112707-CB-006

General Chemistry

Lot-Sample #...: A7K280195-006 **Work Order #...:** KC00Q **Matrix.....:** WG
Date Sampled...: 11/27/07 16:00 **Date Received..:** 11/28/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/28/07	7332451
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-007

General Chemistry

Lot-Sample #...: A7K290147-001 **Work Order #...:** KC3E3 **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1		MDL.....: 0.0050			
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/29/07	7333477
	Dilution Factor: 1		MDL.....: 0.005			

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-008

General Chemistry

Lot-Sample #...: A7K290147-002 **Work Order #...:** KC3E4 **Matrix.....:** WG
Date Sampled...: 11/28/07 10:40 **Date Received..:** 11/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/29/07	7333477
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-112807-CB-009

General Chemistry

Lot-Sample #...: A7K290147-003 **Work Order #...:** KC3E6 **Matrix.....:** WG
Date Sampled...: 11/28/07 12:50 **Date Received..:** 11/29/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	11/29/07	7333477
	Dilution Factor: 1			MDL.....: 0.005		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination		Work Order #: KDL6R1AA		MB Lot-Sample #:	A7L060000-544	
	ND	0.0050	mg/L	SW846 9012A	12/06/07	7340544
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KC18F1AA		MB Lot-Sample #:	A7K280000-451	
	ND	0.01	mg/L	SW846 7196A	11/28/07	7332451
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: KC4361AA		MB Lot-Sample #:	A7K290000-477	
	ND	0.01	mg/L	SW846 7196A	11/29/07	7333477
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination		Work Order #: KDL6R1AC		LCS Lot-Sample#: A7L060000-544			
	0.66	0.46	mg/L	70	SW846 9012A	12/06/07	7340544
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KC18F1AC		LCS Lot-Sample#: A7K280000-451			
	0.25	0.28	mg/L	110	SW846 7196A	11/28/07	7332451
		Dilution Factor: 1					
Hexavalent Chromium		Work Order #: KC4361AC		LCS Lot-Sample#: A7K290000-477			
	0.25	0.27	mg/L	108	SW846 7196A	11/29/07	7333477
		Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 7K28195 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination		Work Order #: KDL6R1AC	LCS Lot-Sample#: A7L060000-544		
	70	(62 - 118)	SW846 9012A	12/06/07	7340544
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KC18F1AC	LCS Lot-Sample#: A7K280000-451		
	110	(80 - 118)	SW846 7196A	11/28/07	7332451
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KC4361AC	LCS Lot-Sample#: A7K290000-477		
	108	(80 - 118)	SW846 7196A	11/29/07	7333477
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium			WO#: KC00K1A8-MS/KC00K1A9-MSD				MS Lot-Sample #: A7K280195-004		
	0.006	0.25	0.29	mg/L	114		SW846 7196A	11/28/07	7332451
	0.006	0.25	0.28	mg/L	111	2.9	SW846 7196A	11/28/07	7332451
			Dilution Factor: 1						
Hexavalent Chromium			WO#: KC3E31A9-MS/KC3E31CA-MSD				MS Lot-Sample #: A7K290147-001		
	ND	0.25	0.27	mg/L	108		SW846 7196A	11/29/07	7333477
	ND	0.25	0.26	mg/L	103	4.7	SW846 7196A	11/29/07	7333477
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 7K28195 **Matrix.....:** WG
Date Sampled...: 11/28/07 09:55 **Date Received..:** 11/29/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	WO#: KC00K1A8-MS/KC00K1A9-MSD					MS Lot-Sample #: A7K280195-004	
	114	(41 - 136)			SW846 7196A	11/28/07	7332451
	111	(41 - 136)	2.9	(0-20)	SW846 7196A	11/28/07	7332451
	Dilution Factor: 1						
Hexavalent Chromium	WO#: KC3E31A9-MS/KC3E31CA-MSD					MS Lot-Sample #: A7K290147-001	
	108	(41 - 136)			SW846 7196A	11/29/07	7333477
	103	(41 - 136)	4.7	(0-20)	SW846 7196A	11/29/07	7333477
	Dilution Factor: 1						

NOTE(S):

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021
SDG #: 8A09183

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CASE NARRATIVE

CASE NARRATIVE

8A09183

The following report contains the analytical results for twelve water samples and two quality control samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM Validation SSOW# E111021 Site, project number 17322. The samples were received January 09, 2008 and January 10, 2008, according to documented sample acceptance procedures. A revised chain of custody was received on January 9, 2008.

This SDG consists of (2) laboratory ID's: A8A090183 and A8A100126.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

Any reference within this document to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.)

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.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The coolers were received at temperatures ranging from 2.3 to 5.0°C.

See TestAmerica's Cooler Receipt Form for additional information.

GC/MS VOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for GW-17322-010808-CB-010 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 8015102 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for GW-17322-010808-CB-010 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Batch(es) 8012019 had recoveries and/or RPD's out high in the LCS. Since there were no hits detected in any of the associated samples for 1,4-Dichlorobenzene, no corrective action was necessary.

Sample(s) GW-17322-010808-CB-012 and GW-17322-010808-CB-013 had elevated reporting limits due to limited initial sample volume.

CASE NARRATIVE (continued)

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for GW-17322-010808-CB-010 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

GENERAL CHEMISTRY

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

8A09183 : A8A090183

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-010808-CB-010 01/08/08 11:05 001				
Aluminum	48.7 B	50.0	ug/L	SW846 6020
Copper	2.3 J	2.0	ug/L	SW846 6020
Antimony	1.0 B	2.0	ug/L	SW846 6020
Arsenic	9.2	5.0	ug/L	SW846 6010B
Barium	150 J	100	ug/L	SW846 6010B
Calcium	154000 J	5000	ug/L	SW846 6010B
Potassium	14100 J	1000	ug/L	SW846 6010B
Magnesium	39800 J	1000	ug/L	SW846 6010B
Manganese	57.0 J	15.0	ug/L	SW846 6010B
Sodium	367000	1000	ug/L	SW846 6010B
Nickel	5.5 B	20.0	ug/L	SW846 6010B
Vanadium	1.8 B	4.0	ug/L	SW846 6010B
Benzo(a)anthracene	0.73	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	0.64	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	1.2	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	0.57	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	0.38	0.20	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	1.5	1.0	ug/L	SW846 8270C
Chrysene	0.94	0.20	ug/L	SW846 8270C
Fluoranthene	2.5	0.20	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	0.49	0.20	ug/L	SW846 8270C
Phenanthrene	0.87	0.20	ug/L	SW846 8270C
Pyrene	1.7	0.20	ug/L	SW846 8270C
Acetone	20 J	25	ug/L	SW846 8260B
2-Butanone	7.0 J	25	ug/L	SW846 8260B
Carbon disulfide	0.36 J	5.0	ug/L	SW846 8260B
Toluene	3.1	1.0	ug/L	SW846 8260B
GW-17322-010808-CB-011 01/08/08 10:40 002				
1,2,4-Trimethylbenzene	0.85 J	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	0.29 J	1.0	ug/L	SW846 8260B
Acetone	11 J	25	ug/L	SW846 8260B
Methyl tert-butyl ether	0.23 J	5.0	ug/L	SW846 8260B
Toluene	1.8	1.0	ug/L	SW846 8260B
GW-17322-010808-CB-012 01/08/08 11:35 003				
1,2,4-Trimethylbenzene	0.22 J	1.0	ug/L	SW846 8260B
Acetone	11 J	25	ug/L	SW846 8260B
Benzene	0.22 J	1.0	ug/L	SW846 8260B
Toluene	0.88 J	1.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

8A09183 : A8A090183

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-010808-CB-013 01/08/08 12:10 004				
Aluminum	366	50.0	ug/L	SW846 6020
Copper	2.4 J	2.0	ug/L	SW846 6020
Thallium	0.24 B	1.0	ug/L	SW846 6020
Barium	95.0 B,J	100	ug/L	SW846 6010B
Calcium	120000 J	5000	ug/L	SW846 6010B
Chromium	3.9 B	5.0	ug/L	SW846 6010B
Iron	575	100	ug/L	SW846 6010B
Potassium	3740 J	1000	ug/L	SW846 6010B
Magnesium	28700 J	1000	ug/L	SW846 6010B
Manganese	233 J	15.0	ug/L	SW846 6010B
Sodium	227000	1000	ug/L	SW846 6010B
Vanadium	2.4 B	4.0	ug/L	SW846 6010B
Acetone	15 J	25	ug/L	SW846 8260B
2-Butanone	2.7 J	25	ug/L	SW846 8260B
GW-17322-010808-CB-014 01/08/08 13:45 005				
Aroclor 1260	0.041 J	0.10	ug/L	SW846 8082
Aluminum	19.8 B	50.0	ug/L	SW846 6020
Copper	0.76 B,J	2.0	ug/L	SW846 6020
Barium	103 J	100	ug/L	SW846 6010B
Calcium	121000 J	5000	ug/L	SW846 6010B
Cobalt	1.9 B	7.0	ug/L	SW846 6010B
Iron	106	100	ug/L	SW846 6010B
Potassium	7490 J	1000	ug/L	SW846 6010B
Magnesium	80000 J	1000	ug/L	SW846 6010B
Manganese	87.3 J	15.0	ug/L	SW846 6010B
Sodium	1080000	10000	ug/L	SW846 6010B
Nickel	3.2 B	20.0	ug/L	SW846 6010B
GW-17322-010808-CB-015 01/08/08 14:00 006				
Aluminum	25.2 B	50.0	ug/L	SW846 6020
Copper	0.98 B,J	2.0	ug/L	SW846 6020
Barium	102 J	100	ug/L	SW846 6010B
Calcium	119000 J	5000	ug/L	SW846 6010B
Iron	82.5 B	100	ug/L	SW846 6010B
Potassium	7550 J	1000	ug/L	SW846 6010B
Magnesium	77700 J	1000	ug/L	SW846 6010B
Manganese	89.8 J	15.0	ug/L	SW846 6010B
Sodium	1040000	10000	ug/L	SW846 6010B
Nickel	4.3 B	20.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8A09183 : A8A090183

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB-17322-010808-CB-001 01/08/08 007				
Acetone	3.5 J	25	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8A09183 : A8A100126

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-010808-CB-012 01/08/08 11:35 002				
bis(2-Ethylhexyl) phthalate	6.9	1.0	ug/L	SW846 8270C
Fluoranthene	0.23	0.20	ug/L	SW846 8270C
Phenanthrene	0.22	0.20	ug/L	SW846 8270C
GW-17322-010908-CB-011 01/09/08 09:15 003				
Trivalent Chromium	0.0099	0.0050	mg/L	SW846 7196A
Aluminum	929	50.0	ug/L	SW846 6020
Copper	7.5 J	2.0	ug/L	SW846 6020
Antimony	1.9 B	2.0	ug/L	SW846 6020
Barium	448 J	100	ug/L	SW846 6010B
Calcium	221000 J	5000	ug/L	SW846 6010B
Chromium	41.4	5.0	ug/L	SW846 6010B
Iron	102	100	ug/L	SW846 6010B
Potassium	20900 J	1000	ug/L	SW846 6010B
Magnesium	112 B,J	1000	ug/L	SW846 6010B
Manganese	2.5 B,J	15.0	ug/L	SW846 6010B
Sodium	277000	1000	ug/L	SW846 6010B
Vanadium	7.2	4.0	ug/L	SW846 6010B
Acetophenone	0.55 J	1.2	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	2.1	1.2	ug/L	SW846 8270C
2-Methylnaphthalene	0.38	0.25	ug/L	SW846 8270C
Naphthalene	0.92	0.25	ug/L	SW846 8270C
Hexavalent Chromium	0.03	0.01	mg/L	SW846 7196A
GW-17322-010908-CB-012 01/09/08 09:55 004				
Aluminum	927	50.0	ug/L	SW846 6020
Copper	7.2 J	2.0	ug/L	SW846 6020
Antimony	0.80 B	2.0	ug/L	SW846 6020
Arsenic	49.3	5.0	ug/L	SW846 6010B
Barium	46.0 B,J	100	ug/L	SW846 6010B
Calcium	107000 J	5000	ug/L	SW846 6010B
Chromium	7.5	5.0	ug/L	SW846 6010B
Iron	767	100	ug/L	SW846 6010B
Potassium	18200 J	1000	ug/L	SW846 6010B
Magnesium	244 B,J	1000	ug/L	SW846 6010B
Manganese	11.1 B,J	15.0	ug/L	SW846 6010B
Sodium	1290000	10000	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8A09183 : A8A100126

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-010908-CB-012 01/09/08 09:55 004				
Nickel	3.3 B	20.0	ug/L	SW846 6010B
Vanadium	48.8	4.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.4 J	2.5	ug/L	SW846 8270C
Hexavalent Chromium	0.008 B	0.01	mg/L	SW846 7196A
GW-17322-010908-CB-016 01/09/08 10:40 005				
Trivalent Chromium	0.0076	0.0050	mg/L	SW846 7196A
Aluminum	325	50.0	ug/L	SW846 6020
Copper	2.4 J	2.0	ug/L	SW846 6020
Antimony	1.7 B	2.0	ug/L	SW846 6020
Barium	8.1 B,J	100	ug/L	SW846 6010B
Calcium	22500 J	5000	ug/L	SW846 6010B
Chromium	7.6	5.0	ug/L	SW846 6010B
Iron	783	100	ug/L	SW846 6010B
Potassium	2460 J	1000	ug/L	SW846 6010B
Magnesium	3590 J	1000	ug/L	SW846 6010B
Manganese	10.8 B,J	15.0	ug/L	SW846 6010B
Sodium	66800	1000	ug/L	SW846 6010B
Vanadium	3.3 B	4.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	0.93 J	1.0	ug/L	SW846 8270C
1,1-Dichloroethene	0.47 J	1.0	ug/L	SW846 8260B
Toluene	0.24 J	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	0.22 J	1.0	ug/L	SW846 8260B
TB-17322-010908-CB-001 01/09/08 006				
Acetone	3.1 J	25	ug/L	SW846 8260B
GW-17322-010908-CB-017 01/09/08 12:10 007				
Aluminum	148	50.0	ug/L	SW846 6020
Copper	3.9 J	2.0	ug/L	SW846 6020
Antimony	0.14 B	2.0	ug/L	SW846 6020
Barium	119 J	100	ug/L	SW846 6010B
Calcium	148000 J	5000	ug/L	SW846 6010B
Cobalt	2.1 B	7.0	ug/L	SW846 6010B
Chromium	2.6 B	5.0	ug/L	SW846 6010B
Iron	346	100	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8A09183 : A8A100126

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-010908-CB-017 01/09/08 12:10 007				
Potassium	4940 J	1000	ug/L	SW846 6010B
Magnesium	80500 J	1000	ug/L	SW846 6010B
Manganese	254 J	15.0	ug/L	SW846 6010B
Sodium	84200	1000	ug/L	SW846 6010B
Nickel	9.4 B	20.0	ug/L	SW846 6010B
Zinc	21.5	20.0	ug/L	SW846 6010B
Toluene	0.54 J	1.0	ug/L	SW846 8260B

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

8A09183

PARAMETER	ANALYTICAL METHOD
Amenable Cyanide	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

8A09183 : A8A090183

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KE9FL	001	GW-17322-010808-CB-010	01/08/08	11:05
KE9FR	002	GW-17322-010808-CB-011	01/08/08	10:40
KE9FW	003	GW-17322-010808-CB-012	01/08/08	11:35
KE9FX	004	GW-17322-010808-CB-013	01/08/08	12:10
KE9F5	005	GW-17322-010808-CB-014	01/08/08	13:45
KE9F6	006	GW-17322-010808-CB-015	01/08/08	14:00
KE9F7	007	TB-17322-010808-CB-001	01/08/08	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8A09183 : A8A100126

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KFA1R	001	GW-17322-010808-CB-011	01/08/08	10:40
KFA1W	002	GW-17322-010808-CB-012	01/08/08	11:35
KFA13	003	GW-17322-010908-CB-011	01/09/08	09:15
KFA2L	004	GW-17322-010908-CB-012	01/09/08	09:55
KFA2P	005	GW-17322-010908-CB-016	01/09/08	10:40
KFA20	006	TB-17322-010908-CB-001	01/09/08	
KFA23	007	GW-17322-010908-CB-017	01/09/08	12:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 3

ID # NO 08426

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Tony Gayman / CRA
	Invoice To: Darla Stewart / CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckter	
Requested Due Date:	TAT: Standard
QA/QC Requirements: See below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Site-specific TAL Metals	Hexavalent chromium	Trivalent chromium	Total cyanide	Remarks/Lab ID
1.	GW-17322-010808-CB-010	WG	1/08/08	1105	24	9	9		3	3		X	X		X	X	X	X	MS/MSD
2.	-011			1040	3	3	3					X							
3.	-012			1135	3	3	3					X							
4.	-013			1210	3		3					X							
5.	-014			1345	3		3					X							
6.	-015			1400	3		3					X							
7.	TB -001	WQ		—	1		1					X							
8.																			
9.																			
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			
	TOTAL NUMBER OF CONTAINERS				40														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	3	Corrie Bondy / CRA	1/8/08	1700	TAL	1/9/08	0915
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 1/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV 0 (6/04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 3

ID # Nº 08425

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To: Terry Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Hechler	
Requested Due Date:	TAT: standard
QA/QC Requirements: See below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL VOC	TCL SVOC	TCL PCB	Site specific TAL-metals	total cyanide	hexavalent chromium	trivalent chromium				Remarks/Lab ID
1.	GW-17322-010808-CB-010	WG	1/8/08	1105	6	6								X								
2.	↓ ↓ ↓ ↓ -013		↓	1210	7	5			1	1			X	X	X	X	X	X				
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
	TOTAL NUMBER OF CONTAINERS				13																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	3	Corrie Bondy/CRA	1/8/08	1700		1/9/08	0915
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 1/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

GM REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 3 OF 3

ID # Nº 08295

SSOW Ref. Code: E111021

Required Client Information:

Company:	CRA	Report To:	Paul Wiseman/CRA
Address:	14491 Sheldon Rd, Suite 200, Plymouth, MI 48170	Copy To:	Tem Gayman/CRA
		Invoice To:	Darla Stewart/CRA
		P.O.:	
Phone:	(734) 453-5123	Project Name:	GM Validation
Fax:	(734) 453-5201	Project Number:	17322
E-mail:	pwiseman@craworld.com		

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: Standard
QA/QC Requirements:	See below

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCBs	Site-specific TAL - Metals	total cyanide	hexavalent chromium	trivalent chromium				Remarks/Lab ID
1.	GW-17322-010808-014	WG	1/8/08	1345	7	5			1	1		X	X	X	X	X	X					
2.	↓ ↓ ↓ -015	↓	↓	1400	7	5			1	1		X	X	X	X	X	X					
3.																						
4.																						
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
	TOTAL NUMBER OF CONTAINERS				14																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	3	Corrie Bondy/CRA	1/8/08	1700	TAL	1/9/08	0915
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 1/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6/04)

TestAmerica North Canton

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 1 OF 3

ID # NC 08426

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd.	Copy To: Tony Crayman / CRA
Suite 210 Plymouth, MI	Invoice To: Darla Skinner / CRA
48170	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: Standard
QA/QC Requirements: See below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	TAL metallic TAL Metals	hexavalent chromium	trivalent chromium	total cyanide	Ammonia 350.1			Remarks/Lab ID
1.	GW-17322-010808-CB-010	WG	1/08/08	1105	14	2	9		3	3		X	X		X	X	X	X				MS/MSD
2.	-011			1010	3	2	3					X										
3.	-012			1135	3	2	3					X										
4.	-013			1210	3		3					X										
5.	-014			1345	3		3					X										
6.	-015			1400	3		3					X										dup for -014
7.	TB -001	WQ		—	1		1					X										
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
	TOTAL NUMBER OF CONTAINERS				40																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	3	Diane Bundy / CRA	1/8/08	1700	Diane Mills TALNC	1/9/08	0915
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Diane Bundy

Sampler Signature: Diane Bundy Date: 1/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 06/04

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 1 OF 3

ID # № 06425

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 11116 Sheldon Rd, Suite 210, Plymouth, MI. 48170	Copy To: Terri Gauman/CRA
	Invoice To: Darla Stuart/CRA
	P.O.:
Phone: (734)453-5123	Project Name: GM Validation
Fax: (734)453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: Standard
QA/QC Requirements: See below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL VOC	TCL SVOC	TCL PCB	Gasoline TPH - Modified Americhem 8015	Hexavalent Chromium 7196A	Total Chromium 6010B				Remarks/Lab ID
1.	GW-17322-010808-CB-010	WG	1/8/08	1105	6	6								X							
2.	↓ ↓ ↓ -013		↓	1210	7	5			1	1			X	X	X	X	X	X			
3.						4															
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
	TOTAL NUMBER OF CONTAINERS				13																

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	3	Dave Bondy/CRA	1/8/08	1700	Vivek Mato/TAL N.C	1/9/08	0915
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Dave Bondy

Sampler Signature: Bondy Date: 1/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 8 (6-04)

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 3 OF 3

ID # № 08295

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman / CRA	Laboratory: Test America	
Address: 1111 W Golden Rd Suite 200, Plymouth, MI 48170	Copy To: Terry Gannon / CRA	Laboratory Location: North Canton, OH	
	Invoice To: Darla Stuart / CRA	Laboratory Contact: Denise Heckler	
	P.O.:	Requested Due Date:	TAT: Standard
Phone: (734) 453-5123	Project Name: GM Validation	QA/QC Requirements: see below	
Fax: (734) 453-5201	Project Number: 17322		
E-mail: pwiseman@craworld.com			

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other	Analysis and Method: TCL VOC	TCL SVOC	TAL RCRA	TAL - Metals (Aluminum, Antimony, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Potassium, Selenium, Silver, Sodium, Thallium, Vanadium, Zinc)	Ferrous Iron	Hexavalent chromium	Trivalent chromium			Remarks/Lab ID
1. GW-17322-010808-014	WG	1/8/08	1345	7	5			1	1		X	X	X	X	X	X				
2. ↓ ↓ ↓ -015	↓	↓	1400	7	5			1	1		X	X	X	X	X	X				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				
11.																				
12.																				
13.																				
14.																				
15.																				
TOTAL NUMBER OF CONTAINERS				14																

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	3	Corrie Bundy / CRA	1/8/08	1700	Debra Matthews TALNC	1/9/08	0915
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bundy

Sampler Signature: Corrie Bundy Date: 1/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

REV. 0 (6-04)

TestAmerica North Canton

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Lot Number: 18A090183

Client CRA Project _____ Quote # _____

Cooler Received on 1/9/08 Opened on 1/9/08 By _____ (Signature)

FedEx ☒ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐

Stetson ☐ US Cargo ☐ Other _____

TestAmerica Cooler # See back Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 3
   Were custody seals on the outside of cooler signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottles? Yes ☐ No ☒
   If YES, are there any exceptions _____
2. Shipper's packing slip attached to this form? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C (see back of form for multiple coolers/temps)

METHOD: IR ☒ Other ☐ _____

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☒ No ☐
9. Were samples at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottles used for the tests indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a Trip Blank present in the cooler? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Voice Mail ☐ Verbal ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:
Limited Volume for sample 013 for the SVOC & PCB

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*

What time was preservative added to sample(s)? _____

Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials
010	<2 <2 <2 >12 >12 >12	1/9/08	gm
013	<2 >12	"	"
014	<2 >12	"	"
015	<2 >12	"	"

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant
306	3.0°C	IR	Ice
241-655	4.3°C	↓	↓
241-648	3.9°C		

Discrepancies Cont'd

GM REALM ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

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PAGE 1 OF 2

ID # № 08293

SSOW Ref. Code: E111021

Required Client Information:

Company:	CRA	Report To:	Paul Wiseman / CRA
Address:	14496 Sheldon Rd, Suite 200, Plymouth, MI, 48170	Copy To:	Tony Cayman / CRA
		Invoice To:	Darla Stewart / CRA
		P.O.:	
Phone:	(734) 453-5123	Project Name:	GM Validation
Fax:	(734) 453-5201	Project Number:	17322
E-mail:	pwiseman@craworld.com		

Laboratory:	Test America		
Laboratory Location:	North Canton, OH		
Laboratory Contact:	Denise Hechler		
Requested Due Date:		TAT:	standard
QA/QC Requirements:	see below		

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Preservative

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL PCB	TCL SVOC	Site-specific TAL - Metals	Total cyanide	Hexavalent chromium	Trivalent chromium				Remarks/Lab ID
1.	GW-17322-010808-CB-011	WG	1/8/08	1040	1	1							X									only 1 amber collected
2.	GW-17322-010808-CB-012	WG	1/8/08	1135	2	2							X	X								
3.	GW-17322-010808-CB-011	WG	1/9/08	915	4	2			1	1				X	X	X	X	X	X			only 1 amber collected for SVOCs
4.	GW-17322-010808-CB-012	WG	1/9/08	955	5	3			1	1			X	X	X	X	X	X	X			only 1/2 amber collected for each PCBs + SVOCs.
5.																						
6.																						
7.																						
8.																						
9.																						
10.																						
11.																						
12.																						
13.																						
14.																						
15.																						
	TOTAL NUMBER OF CONTAINERS				12																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	1/9/08	1500		1-10-8	9:45
AIRBILL NO.	8632 1184 0873						

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: C Bondy Date: 1/9/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

GM | REALM
ENCORE

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 2

ID # № 08294

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd, Suit 200, Plymouth, MI, 48170	Copy To: Terry Gayman/CRA
	Invoice To: Darla Stewart/CRA
	P.O.:
Phone: (734) 453-5123	Project Name: GM Validation
Fax: (734) 453-5201	Project Number: 17322
E-mail: pwiseman@craworld.com	

Laboratory: Test America	
Laboratory Location: North Canton, OH	
Laboratory Contact: Denise Heckler	
Requested Due Date:	TAT: Standard
QA/QC Requirements: see below	

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Site-specific PAL-Methods (add amenable hydrocyanide)	Hexavalent chromium	Trivalent chromium				Remarks/Lab ID
1.	GW-17322-010908-CB-016	WG	1/9/08	1040	10	5	3		1	1		X	X	X	X	X	X	X			
2.	TB-17322-010908-CB-001	WQ	1/9/08	—	1		1					X									
3.	GW-17322-010908-CB-017	WG	1/9/08	1210	4		3		1			X			X						
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					* END OF BATCH *
12.																					
13.																					
14.																					
15.																					
	TOTAL NUMBER OF CONTAINERS				15	CB'															

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	1/9/08	1500		1-10-8	9:45
AIRBILL NO. 8632 1184 0873							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: Corrie Bondy

Sampler Signature: CBondy Date: 1/9/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Sampler Copy

TestAmerica Cooler Receipt Form/Narrative — Lot Number: A8A100126
North Canton Facility

Client CDA Project _____ Quote # _____

Cooler Received on 1-10-8 Opened on 1-10-8 By _____ (Signature)

FedEx ☑ Client Drop Off ☐ UPS ☐ DHL ☐ FAS ☐ TestAmerica Courier ☐

Stetson ☐ US Cargo ☐ Other _____

TestAmerica Cooler # 341-016 ave Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler? Yes ☑ No ☐ Intact? Yes ☑ No ☐ NA ☐
   If YES, Quantity 2
   Were custody seals on the outside of cooler signed and dated? Yes ☑ No ☐ NA ☐
   Were custody seals on the bottles? Yes ☐ No ☑
   If YES, are there any exceptions _____
2. Shipper's packing slip attached to this form? Yes ☑ No ☐
3. Did custody papers accompany the sample(s)? Yes ☑ No ☐ Relinquished by client? Yes ☑ No ☐
4. Did you sign the custody papers in the appropriate place? Yes ☑ No ☐
5. Packing material used: Bubble Wrap ☑ Foam ☑ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C (~~see back of form for multiple coolers/temps~~)

METHOD: IR ☑ Other ☐ _____

COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐

7. Did all bottles arrive in good condition (Unbroken)? Yes ☑ No ☐
8. Could all bottle labels and/or tags be reconciled with the COC? Yes ☑ No ☐
9. Were samples at the correct pH upon receipt? Yes ☑ No ☐ NA ☒
10. Were correct bottles used for the tests indicated? Yes ☑ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☑ No ☐
13. Was a Trip Blank present in the cooler? Yes ☑ No ☐ Were VOAs on the COC? Yes ☑ No ☐

Contacted PM DDT Date 1/10 by DM via Voice Mail ☑ Verbal ☑ Other ☐

Concerning _____ #14

14. CHAIN OF CUSTODY

The following discrepancies occurred:

COC # 08293 Client ID indicates date collected as 010808. Labels indicate 1/9/08 ~~on labels~~ DM 1/10. Will log 1/9/08.

limited volume on 012 per indicated by client

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in sample receiving to meet recommended pH level(s). *Nitric Acid Lot #071707-HNO3 - Sulfuric Acid Lot # 092006-H2SO4; Sodium Hydroxide Lot # 122805 -NaOH; Hydrochloric Acid Lot # 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot # 050205-CH3COO2ZN/NaOH*

What time was preserved added to sample(s)? _____

Sample(s) _____ were received with bubble > 6 mm in diameter (Notify PM)

Client ID	pH	Date	Initials
016	≤2 ≥12	1-10-8	↓
017	≤2 ≥12	↓	↓
011	≤2 ≥12	↓	↓
012	≤2 ≥12	↓	↓

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler	Temp °C	Method	Coolant
241-016	2.3	IR	Ice
241-153	5.0	F	A

Discrepancies Cont'd

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

GC/MS Volatiles

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL1AH **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**20 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**7.0 J**	**25**	**ug/L**	**0.57**
Carbon disulfide	**0.36 J**	**5.0**	**ug/L**	**0.13**
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

GC/MS Volatiles

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**3.1**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-011

GC/MS Volatiles

Lot-Sample #...: A8A090183-002 **Work Order #...:** KE9FR1AA **Matrix.....:** WG
Date Sampled...: 01/08/08 10:40 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	**0.85 J**	**1.0**	**ug/L**	**0.12**
1,3,5-Trimethylbenzene	**0.29 J**	**1.0**	**ug/L**	**0.096**
Acetone	**11 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-011

GC/MS Volatiles

Lot-Sample #...: A8A090183-002 **Work Order #...:** KE9FR1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	**0.23 J**	**5.0**	**ug/L**	**0.17**
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**1.8**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
1,2-Dichloroethane-d4	84	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-012

GC/MS Volatiles

Lot-Sample #...: A8A090183-003 **Work Order #...:** KE9FW1AA **Matrix.....:** WG
Date Sampled...: 01/08/08 11:35 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	**0.22 J**	**1.0**	**ug/L**	**0.12**
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**11 J**	**25**	**ug/L**	**1.1**
Benzene	**0.22 J**	**1.0**	**ug/L**	**0.13**
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-012

GC/MS Volatiles

Lot-Sample #...: A8A090183-003 **Work Order #...:** KE9FW1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.88 J**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(73 - 122)
1,2-Dichloroethane-d4	86	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

GC/MS Volatiles

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX1AG **Matrix.....:** WG
Date Sampled...: 01/08/08 12:10 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**15 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**2.7 J**	**25**	**ug/L**	**0.57**
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

GC/MS Volatiles

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	82	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

GC/MS Volatiles

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F51AG **Matrix.....:** WG
Date Sampled...: 01/08/08 13:45 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

GC/MS Volatiles

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F51AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

GC/MS Volatiles

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F61AG **Matrix.....:** WG
Date Sampled...: 01/08/08 14:00 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

GC/MS Volatiles

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F61AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-010808-CB-001

GC/MS Volatiles

Lot-Sample #...: A8A090183-007 **Work Order #...:** KE9F71AA **Matrix.....:** WQ
Date Sampled...: 01/08/08 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**3.5 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-010808-CB-001

GC/MS Volatiles

Lot-Sample #...: A8A090183-007 **Work Order #...:** KE9F71AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	79	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

GC/MS Volatiles

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P1AD **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	**0.47 J**	**1.0**	**ug/L**	**0.19**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

GC/MS Volatiles

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P1AD **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.24 J**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	**0.22 J**	**1.0**	**ug/L**	**0.21**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-010908-CB-001

GC/MS Volatiles

Lot-Sample #...: A8A100126-006 **Work Order #...:** KFA201AA **Matrix.....:** WQ
Date Sampled...: 01/09/08 **Date Received..:** 01/10/08
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**3.1 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-010908-CB-001

GC/MS Volatiles

Lot-Sample #...: A8A100126-006 **Work Order #...:** KFA201AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-017

GC/MS Volatiles

Lot-Sample #...: A8A100126-007 **Work Order #...:** KFA231AA **Matrix.....:** WG
Date Sampled...: 01/09/08 12:10 **Date Received..:** 01/10/08
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-017

GC/MS Volatiles

Lot-Sample #...: A8A100126-007 **Work Order #...:** KFA231AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	**0.54 J**	**1.0**	**ug/L**	**0.13**
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
1,2-Dichloroethane-d4	89	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AA **Matrix.....:** WATER
MB Lot-Sample #: A8A110000-221

Prep Date.....: 01/11/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 01/11/08 **Prep Batch #...:** 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	84	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	82	(74 - 116)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AA **Matrix.....:** WATER
MB Lot-Sample #: A8A150000-102

Prep Date.....: 01/14/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 01/14/08 **Prep Batch #...:** 8015102
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	83	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A110000-221 KFEH21AD-LCSD
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	0.53	SW846 8260B
1,3,5-Trimethylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.4	ug/L	94	0.67	SW846 8260B
Acetone	10	9.5	ug/L	95		SW846 8260B
	10	8.9	ug/L	89	6.5	SW846 8260B
Benzene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**10**	**ug/L**	**103**	**1.8**	**SW846 8260B**
Bromodichloromethane	10	9.3	ug/L	93		SW846 8260B
	10	9.6	ug/L	96	3.4	SW846 8260B
Bromoform	10	9.6	ug/L	96		SW846 8260B
	10	9.7	ug/L	97	0.94	SW846 8260B
Bromomethane	10	11	ug/L	111		SW846 8260B
	10	11	ug/L	110	0.38	SW846 8260B
2-Butanone	10	7.5	ug/L	75		SW846 8260B
	10	7.4	ug/L	74	1.9	SW846 8260B
Carbon disulfide	10	12	ug/L	124		SW846 8260B
	10	13	ug/L	126	1.6	SW846 8260B
Carbon tetrachloride	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	104	0.11	SW846 8260B
Chlorobenzene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**104**	**0.18**	**SW846 8260B**
Chloroethane	10	11	ug/L	114		SW846 8260B
	10	11	ug/L	113	1.0	SW846 8260B
Chloroform	10	9.8	ug/L	98		SW846 8260B
	10	9.9	ug/L	99	1.2	SW846 8260B
Chloromethane	10	11	ug/L	106		SW846 8260B
	10	10	ug/L	105	1.1	SW846 8260B
Cyclohexane	10	8.8	ug/L	88		SW846 8260B
	10	8.8	ug/L	88	0.26	SW846 8260B
Dibromochloromethane	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	100	1.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.4	ug/L	84		SW846 8260B
	10	8.8	ug/L	88	4.2	SW846 8260B
1,2-Dibromoethane	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	100	3.2	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A110000-221 KFEH21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.3	ug/L	93	1.1	SW846 8260B
1,3-Dichlorobenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	0.46	SW846 8260B
1,4-Dichlorobenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.13	SW846 8260B
Dichlorodifluoromethane	10	12	ug/L	118		SW846 8260B
	10	12	ug/L	119	0.90	SW846 8260B
1,1-Dichloroethane	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	107	0.67	SW846 8260B
1,2-Dichloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.4	ug/L	94	1.2	SW846 8260B
1,1-Dichloroethene	**10**	**13**	**ug/L**	**127**		**SW846 8260B**
	10	**13**	**ug/L**	**129**	**1.5**	**SW846 8260B**
cis-1,2-Dichloroethene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	102	0.59	SW846 8260B
trans-1,2-Dichloroethene	10	12	ug/L	118		SW846 8260B
	10	11	ug/L	115	2.9	SW846 8260B
1,2-Dichloropropane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.24	SW846 8260B
cis-1,3-Dichloropropene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.3	SW846 8260B
trans-1,3-Dichloropropene	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	0.89	SW846 8260B
Ethylbenzene	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	101	0.70	SW846 8260B
2-Hexanone	10	8.2	ug/L	82		SW846 8260B
	10	8.4	ug/L	84	2.3	SW846 8260B
Isopropylbenzene	10	12	ug/L	116		SW846 8260B
	10	12	ug/L	116	0.75	SW846 8260B
Methyl acetate	10	9.3	ug/L	93		SW846 8260B
	10	9.8	ug/L	98	5.4	SW846 8260B
Methylene chloride	10	12 a	ug/L	123		SW846 8260B
	10	13 a	ug/L	125	2.1	SW846 8260B
Methylcyclohexane	10	8.8	ug/L	88		SW846 8260B
	10	8.8	ug/L	88	0.030	SW846 8260B
4-Methyl-2-pentanone	10	7.4 a	ug/L	74		SW846 8260B
	10	7.5 a	ug/L	75	1.2	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	108	0.43	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A110000-221 KFEH21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	110	0.94	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.78	SW846 8260B
Tetrachloroethene	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	106	0.61	SW846 8260B
Toluene	**10**	**11**	**ug/L**	**112**		**SW846 8260B**
	10	**11**	**ug/L**	**112**	**0.13**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	7.6	ug/L	76		SW846 8260B
	10	7.4	ug/L	74	2.3	SW846 8260B
1,1,1-Trichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.30	SW846 8260B
1,1,2-Trichloroethane	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	102	0.96	SW846 8260B
Trichloroethene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**1.8**	**SW846 8260B**
Trichlorofluoromethane	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	108	0.040	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	14 a	ug/L	138		SW846 8260B
	10	13 a	ug/L	134	2.8	SW846 8260B
Vinyl chloride	10	11	ug/L	111		SW846 8260B
	10	11	ug/L	111	0.34	SW846 8260B
Xylenes (total)	30	32	ug/L	108		SW846 8260B
	30	33	ug/L	109	0.67	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	84	(61 - 128)
	86	(61 - 128)
Toluene-d8	104	(76 - 110)
	102	(76 - 110)
4-Bromofluorobenzene	109	(74 - 116)
	109	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A110000-221 KFEH21AD-LCSD
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.53	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	95	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.67	(0-30)	SW846 8260B
Acetone	95	(22 - 200)			SW846 8260B
	89	(22 - 200)	6.5	(0-95)	SW846 8260B
Benzene	**101**	**(80 - 116)**			**SW846 8260B**
	103	**(80 - 116)**	**1.8**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	93	(87 - 130)			SW846 8260B
	96	(87 - 130)	3.4	(0-30)	SW846 8260B
Bromoform	96	(76 - 150)			SW846 8260B
	97	(76 - 150)	0.94	(0-30)	SW846 8260B
Bromomethane	111	(64 - 129)			SW846 8260B
	110	(64 - 129)	0.38	(0-30)	SW846 8260B
2-Butanone	75	(28 - 237)			SW846 8260B
	74	(28 - 237)	1.9	(0-65)	SW846 8260B
Carbon disulfide	124	(73 - 139)			SW846 8260B
	126	(73 - 139)	1.6	(0-30)	SW846 8260B
Carbon tetrachloride	104	(75 - 149)			SW846 8260B
	104	(75 - 149)	0.11	(0-30)	SW846 8260B
Chlorobenzene	**104**	**(76 - 117)**			**SW846 8260B**
	104	**(76 - 117)**	**0.18**	**(0-20)**	**SW846 8260B**
Chloroethane	114	(66 - 126)			SW846 8260B
	113	(66 - 126)	1.0	(0-30)	SW846 8260B
Chloroform	98	(84 - 128)			SW846 8260B
	99	(84 - 128)	1.2	(0-30)	SW846 8260B
Chloromethane	106	(48 - 123)			SW846 8260B
	105	(48 - 123)	1.1	(0-30)	SW846 8260B
Cyclohexane	88	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.26	(0-30)	SW846 8260B
Dibromochloromethane	98	(81 - 138)			SW846 8260B
	100	(81 - 138)	1.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	84	(70 - 130)			SW846 8260B
	88	(70 - 130)	4.2	(0-30)	SW846 8260B
1,2-Dibromoethane	97	(70 - 130)			SW846 8260B
	100	(70 - 130)	3.2	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A110000-221 KFEH21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	93	(70 - 130)	1.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	96	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.46	(0-30)	SW846 8260B
1,4-Dichlorobenzene	95	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.13	(0-30)	SW846 8260B
Dichlorodifluoromethane	118	(70 - 130)			SW846 8260B
	119	(70 - 130)	0.90	(0-30)	SW846 8260B
1,1-Dichloroethane	108	(86 - 123)			SW846 8260B
	107	(86 - 123)	0.67	(0-30)	SW846 8260B
1,2-Dichloroethane	93	(79 - 136)			SW846 8260B
	94	(79 - 136)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**127**	**(63 - 130)**			**SW846 8260B**
	129	**(63 - 130)**	**1.5**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	101	(85 - 113)			SW846 8260B
	102	(85 - 113)	0.59	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	118	(80 - 120)			SW846 8260B
	115	(80 - 120)	2.9	(0-30)	SW846 8260B
1,2-Dichloropropane	100	(82 - 115)			SW846 8260B
	100	(82 - 115)	0.24	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	92	(84 - 130)			SW846 8260B
	90	(84 - 130)	2.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	96	(84 - 130)			SW846 8260B
	95	(84 - 130)	0.89	(0-30)	SW846 8260B
Ethylbenzene	100	(86 - 116)			SW846 8260B
	101	(86 - 116)	0.70	(0-30)	SW846 8260B
2-Hexanone	82	(35 - 200)			SW846 8260B
	84	(35 - 200)	2.3	(0-52)	SW846 8260B
Isopropylbenzene	116	(70 - 130)			SW846 8260B
	116	(70 - 130)	0.75	(0-30)	SW846 8260B
Methyl acetate	93	(70 - 130)			SW846 8260B
	98	(70 - 130)	5.4	(0-30)	SW846 8260B
Methylene chloride	123 a	(78 - 118)			SW846 8260B
	125 a	(78 - 118)	2.1	(0-30)	SW846 8260B
Methylcyclohexane	88	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.030	(0-30)	SW846 8260B
4-Methyl-2-pentanone	74 a	(78 - 141)			SW846 8260B
	75 a	(78 - 141)	1.2	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	109	(70 - 130)			SW846 8260B
	108	(70 - 130)	0.43	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFEH21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A110000-221 KFEH21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	109	(85 - 117)			SW846 8260B
	110	(85 - 117)	0.94	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	94	(85 - 118)			SW846 8260B
	94	(85 - 118)	0.78	(0-30)	SW846 8260B
Tetrachloroethene	106	(88 - 113)			SW846 8260B
	106	(88 - 113)	0.61	(0-30)	SW846 8260B
Toluene	**112**	**(74 - 119)**			**SW846 8260B**
	112	**(74 - 119)**	**0.13**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	76	(70 - 130)			SW846 8260B
	74	(70 - 130)	2.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	94	(78 - 140)			SW846 8260B
	94	(78 - 140)	0.30	(0-30)	SW846 8260B
1,1,2-Trichloroethane	103	(83 - 122)			SW846 8260B
	102	(83 - 122)	0.96	(0-30)	SW846 8260B
Trichloroethene	**96**	**(75 - 122)**			**SW846 8260B**
	98	**(75 - 122)**	**1.8**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	108	(70 - 130)			SW846 8260B
	108	(70 - 130)	0.040	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	138 a	(70 - 130)			SW846 8260B
	134 a	(70 - 130)	2.8	(0-30)	SW846 8260B
Vinyl chloride	111	(61 - 120)			SW846 8260B
	111	(61 - 120)	0.34	(0-30)	SW846 8260B
Xylenes (total)	108	(87 - 116)			SW846 8260B
	109	(87 - 116)	0.67	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	84	(61 - 128)
	86	(61 - 128)
Toluene-d8	104	(76 - 110)
	102	(76 - 110)
4-Bromofluorobenzene	109	(74 - 116)
	109	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A150000-102 KFJF31AD-LCSD
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	8.8	ug/L	88		SW846 8260B
	10	8.1	ug/L	81	8.3	SW846 8260B
1,3,5-Trimethylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	8.3	ug/L	83	6.7	SW846 8260B
Acetone	10	8.7	ug/L	87		SW846 8260B
	10	8.0	ug/L	80	8.8	SW846 8260B
Benzene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**4.6**	**SW846 8260B**
Bromodichloromethane	10	9.7	ug/L	97		SW846 8260B
	10	9.3	ug/L	93	4.6	SW846 8260B
Bromoform	10	10	ug/L	101		SW846 8260B
	10	9.9	ug/L	99	2.5	SW846 8260B
Bromomethane	10	11	ug/L	115		SW846 8260B
	10	11	ug/L	111	3.1	SW846 8260B
2-Butanone	10	7.3	ug/L	73		SW846 8260B
	10	7.4	ug/L	74	1.1	SW846 8260B
Carbon disulfide	10	13	ug/L	125		SW846 8260B
	10	12	ug/L	119	5.1	SW846 8260B
Carbon tetrachloride	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	107	0.51	SW846 8260B
Chlorobenzene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**3.6**	**SW846 8260B**
Chloroethane	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	112	3.4	SW846 8260B
Chloroform	10	9.9	ug/L	99		SW846 8260B
	10	9.4	ug/L	94	5.2	SW846 8260B
Chloromethane	10	11	ug/L	106		SW846 8260B
	10	10	ug/L	100	6.1	SW846 8260B
Cyclohexane	10	7.9	ug/L	79		SW846 8260B
	10	8.5	ug/L	85	7.3	SW846 8260B
Dibromochloromethane	10	10	ug/L	100		SW846 8260B
	10	9.5	ug/L	95	5.0	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.1	ug/L	81		SW846 8260B
	10	8.1	ug/L	81	0.020	SW846 8260B
1,2-Dibromoethane	10	9.5	ug/L	95		SW846 8260B
	10	9.4	ug/L	94	0.91	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A150000-102 KFJF31AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.4	ug/L	84	5.8	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.5	ug/L	85	7.2	SW846 8260B
1,4-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.5	ug/L	85	7.6	SW846 8260B
Dichlorodifluoromethane	10	11	ug/L	108		SW846 8260B
	10	12	ug/L	119	9.4	SW846 8260B
1,1-Dichloroethane	10	11	ug/L	108		SW846 8260B
	10	10	ug/L	101	6.5	SW846 8260B
1,2-Dichloroethane	10	9.3	ug/L	93		SW846 8260B
	10	8.9	ug/L	89	4.0	SW846 8260B
1,1-Dichloroethene	**10**	**12**	**ug/L**	**116**		**SW846 8260B**
	10	**11**	**ug/L**	**108**	**6.7**	**SW846 8260B**
cis-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	9.6	ug/L	96	6.1	SW846 8260B
trans-1,2-Dichloroethene	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	111	4.0	SW846 8260B
1,2-Dichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	9.3	ug/L	93	5.4	SW846 8260B
cis-1,3-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	8.7	ug/L	87	6.6	SW846 8260B
trans-1,3-Dichloropropene	10	9.6	ug/L	96		SW846 8260B
	10	9.2	ug/L	92	4.8	SW846 8260B
Ethylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.1	ug/L	91	4.6	SW846 8260B
2-Hexanone	10	7.8	ug/L	78		SW846 8260B
	10	8.2	ug/L	82	5.7	SW846 8260B
Isopropylbenzene	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	105	2.7	SW846 8260B
Methyl acetate	10	9.8	ug/L	98		SW846 8260B
	10	9.8	ug/L	98	0.22	SW846 8260B
Methylene chloride	10	13 a	ug/L	125		SW846 8260B
	10	12	ug/L	117	6.5	SW846 8260B
Methylcyclohexane	10	8.0	ug/L	80		SW846 8260B
	10	8.5	ug/L	85	5.8	SW846 8260B
4-Methyl-2-pentanone	10	7.5 a	ug/L	75		SW846 8260B
	10	7.3 a	ug/L	73	2.8	SW846 8260B
Methyl tert-butyl ether	10	11	ug/L	107		SW846 8260B
	10	10	ug/L	102	5.3	SW846 8260B
Styrene	10	10	ug/L	105		SW846 8260B
	10	9.9	ug/L	99	5.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A150000-102 KFJF31AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	10	9.1	ug/L	91		SW846 8260B
	10	8.8	ug/L	88	3.3	SW846 8260B
Tetrachloroethene	10	10	ug/L	101		SW846 8260B
	10	9.9	ug/L	99	1.4	SW846 8260B
Toluene	**10**	**11**	**ug/L**	**107**		**SW846 8260B**
	10	**10**	**ug/L**	**105**	**1.9**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	7.1	ug/L	71		SW846 8260B
	10	6.7 a	ug/L	67	5.5	SW846 8260B
1,1,1-Trichloroethane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.24	SW846 8260B
1,1,2-Trichloroethane	10	10	ug/L	101		SW846 8260B
	10	9.7	ug/L	97	4.7	SW846 8260B
Trichloroethene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**3.3**	**SW846 8260B**
Trichlorofluoromethane	10	11	ug/L	114		SW846 8260B
	10	12	ug/L	115	1.3	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	121		SW846 8260B
	10	12	ug/L	123	2.3	SW846 8260B
Vinyl chloride	10	11	ug/L	109		SW846 8260B
	10	10	ug/L	105	4.3	SW846 8260B
Xylenes (total)	30	31	ug/L	104		SW846 8260B
	30	30	ug/L	99	4.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	90	(73 - 122)
1,2-Dichloroethane-d4	84	(61 - 128)
	83	(61 - 128)
Toluene-d8	100	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	109	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A150000-102 KFJF31AD-LCSD
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	88	(70 - 130)			SW846 8260B
	81	(70 - 130)	8.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	83	(70 - 130)	6.7	(0-30)	SW846 8260B
Acetone	87	(22 - 200)			SW846 8260B
	80	(22 - 200)	8.8	(0-95)	SW846 8260B
Benzene	**101**	**(80 - 116)**			**SW846 8260B**
	97	**(80 - 116)**	**4.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	97	(87 - 130)			SW846 8260B
	93	(87 - 130)	4.6	(0-30)	SW846 8260B
Bromoform	101	(76 - 150)			SW846 8260B
	99	(76 - 150)	2.5	(0-30)	SW846 8260B
Bromomethane	115	(64 - 129)			SW846 8260B
	111	(64 - 129)	3.1	(0-30)	SW846 8260B
2-Butanone	73	(28 - 237)			SW846 8260B
	74	(28 - 237)	1.1	(0-65)	SW846 8260B
Carbon disulfide	125	(73 - 139)			SW846 8260B
	119	(73 - 139)	5.1	(0-30)	SW846 8260B
Carbon tetrachloride	108	(75 - 149)			SW846 8260B
	107	(75 - 149)	0.51	(0-30)	SW846 8260B
Chlorobenzene	**100**	**(76 - 117)**			**SW846 8260B**
	96	**(76 - 117)**	**3.6**	**(0-20)**	**SW846 8260B**
Chloroethane	116	(66 - 126)			SW846 8260B
	112	(66 - 126)	3.4	(0-30)	SW846 8260B
Chloroform	99	(84 - 128)			SW846 8260B
	94	(84 - 128)	5.2	(0-30)	SW846 8260B
Chloromethane	106	(48 - 123)			SW846 8260B
	100	(48 - 123)	6.1	(0-30)	SW846 8260B
Cyclohexane	79	(70 - 130)			SW846 8260B
	85	(70 - 130)	7.3	(0-30)	SW846 8260B
Dibromochloromethane	100	(81 - 138)			SW846 8260B
	95	(81 - 138)	5.0	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	81	(70 - 130)			SW846 8260B
	81	(70 - 130)	0.020	(0-30)	SW846 8260B
1,2-Dibromoethane	95	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.91	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A150000-102 KFJF31AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	90	(70 - 130)			SW846 8260B
	84	(70 - 130)	5.8	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	85	(70 - 130)	7.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	85	(70 - 130)	7.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	108	(70 - 130)			SW846 8260B
	119	(70 - 130)	9.4	(0-30)	SW846 8260B
1,1-Dichloroethane	108	(86 - 123)			SW846 8260B
	101	(86 - 123)	6.5	(0-30)	SW846 8260B
1,2-Dichloroethane	93	(79 - 136)			SW846 8260B
	89	(79 - 136)	4.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**116**	**(63 - 130)**			**SW846 8260B**
	108	**(63 - 130)**	**6.7**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	102	(85 - 113)			SW846 8260B
	96	(85 - 113)	6.1	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	116	(80 - 120)			SW846 8260B
	111	(80 - 120)	4.0	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(82 - 115)			SW846 8260B
	93	(82 - 115)	5.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(84 - 130)			SW846 8260B
	87	(84 - 130)	6.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	96	(84 - 130)			SW846 8260B
	92	(84 - 130)	4.8	(0-30)	SW846 8260B
Ethylbenzene	95	(86 - 116)			SW846 8260B
	91	(86 - 116)	4.6	(0-30)	SW846 8260B
2-Hexanone	78	(35 - 200)			SW846 8260B
	82	(35 - 200)	5.7	(0-52)	SW846 8260B
Isopropylbenzene	108	(70 - 130)			SW846 8260B
	105	(70 - 130)	2.7	(0-30)	SW846 8260B
Methyl acetate	98	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.22	(0-30)	SW846 8260B
Methylene chloride	125 a	(78 - 118)			SW846 8260B
	117	(78 - 118)	6.5	(0-30)	SW846 8260B
Methylcyclohexane	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	5.8	(0-30)	SW846 8260B
4-Methyl-2-pentanone	75 a	(78 - 141)			SW846 8260B
	73 a	(78 - 141)	2.8	(0-32)	SW846 8260B
Methyl tert-butyl ether	107	(70 - 130)			SW846 8260B
	102	(70 - 130)	5.3	(0-30)	SW846 8260B
Styrene	105	(85 - 117)			SW846 8260B
	99	(85 - 117)	5.5	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFJF31AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8A150000-102 KFJF31AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	91	(85 - 118)			SW846 8260B
	88	(85 - 118)	3.3	(0-30)	SW846 8260B
Tetrachloroethene	101	(88 - 113)			SW846 8260B
	99	(88 - 113)	1.4	(0-30)	SW846 8260B
Toluene	**107**	**(74 - 119)**			**SW846 8260B**
	105	**(74 - 119)**	**1.9**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	71	(70 - 130)			SW846 8260B
	67 a	(70 - 130)	5.5	(0-30)	SW846 8260B
1,1,1-Trichloroethane	100	(78 - 140)			SW846 8260B
	100	(78 - 140)	0.24	(0-30)	SW846 8260B
1,1,2-Trichloroethane	101	(83 - 122)			SW846 8260B
	97	(83 - 122)	4.7	(0-30)	SW846 8260B
Trichloroethene	**96**	**(75 - 122)**			**SW846 8260B**
	93	**(75 - 122)**	**3.3**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	114	(70 - 130)			SW846 8260B
	115	(70 - 130)	1.3	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	121	(70 - 130)			SW846 8260B
	123	(70 - 130)	2.3	(0-30)	SW846 8260B
Vinyl chloride	109	(61 - 120)			SW846 8260B
	105	(61 - 120)	4.3	(0-30)	SW846 8260B
Xylenes (total)	104	(87 - 116)			SW846 8260B
	99	(87 - 116)	4.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	90	(73 - 122)
1,2-Dichloroethane-d4	84	(61 - 128)
	83	(61 - 128)
Toluene-d8	100	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	109	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AK-MSD
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	2.6	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.3	ug/L	93	2.6	SW846 8260B
Acetone	20	10	30	ug/L	99		SW846 8260B
	20	10	29	ug/L	94	1.7	SW846 8260B
Benzene	**ND**	**10**	**10**	**ug/L**	**103**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**102**	**1.2**	**SW846 8260B**
Bromodichloromethane	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.4	ug/L	94	4.3	SW846 8260B
Bromoform	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	108	0.69	SW846 8260B
Bromomethane	ND	10	11	ug/L	114		SW846 8260B
	ND	10	11	ug/L	110	4.3	SW846 8260B
2-Butanone	7.0	10	11	ug/L	40 a		SW846 8260B
	7.0	10	23	ug/L	156	69	SW846 8260B
	Qualifiers: a,p						
Carbon disulfide	0.36	10	13	ug/L	130		SW846 8260B
	0.36	10	13	ug/L	131	0.69	SW846 8260B
Carbon tetrachloride	ND	10	11	ug/L	107		SW846 8260B
	ND	10	11	ug/L	107	0.52	SW846 8260B
Chlorobenzene	**ND**	**10**	**10**	**ug/L**	**103**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**104**	**0.54**	**SW846 8260B**
Chloroethane	ND	10	12	ug/L	124		SW846 8260B
	ND	10	12	ug/L	124	0.28	SW846 8260B
Chloroform	ND	10	10	ug/L	103		SW846 8260B
	ND	10	10	ug/L	100	2.6	SW846 8260B
Chloromethane	ND	10	11	ug/L	114		SW846 8260B
	ND	10	11	ug/L	112	1.6	SW846 8260B
Cyclohexane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.9	ug/L	89	2.3	SW846 8260B
Dibromochloromethane	ND	10	10	ug/L	103		SW846 8260B
	ND	10	10	ug/L	103	0.12	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.3	ug/L	93	4.1	SW846 8260B
1,2-Dibromoethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	100	1.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichlorobenzene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.3	ug/L	93	1.0	SW846 8260B
1,3-Dichlorobenzene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.5	ug/L	95	1.8	SW846 8260B
1,4-Dichlorobenzene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.4	ug/L	94	0.91	SW846 8260B
Dichlorodifluoromethane	ND	10	13	ug/L	127		SW846 8260B
	ND	10	13	ug/L	128	0.53	SW846 8260B
1,1-Dichloroethane	ND	10	11	ug/L	110		SW846 8260B
	ND	10	11	ug/L	106	2.8	SW846 8260B
1,2-Dichloroethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.3	ug/L	93	2.8	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**12**	**ug/L**	**125**		**SW846 8260B**
	ND	**10**	**12**	**ug/L**	**123**	**1.5**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	101	0.08	SW846 8260B
trans-1,2-Dichloroethene	ND	10	12	ug/L	121 a		SW846 8260B
	ND	10	12	ug/L	117 a	3.4	SW846 8260B
1,2-Dichloropropane	ND	10	10	ug/L	103		SW846 8260B
	ND	10	10	ug/L	100	2.9	SW846 8260B
cis-1,3-Dichloropropene	ND	10	8.0	ug/L	80 a		SW846 8260B
	ND	10	8.1	ug/L	81 a	1.5	SW846 8260B
trans-1,3-Dichloropropene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.4	ug/L	94	1.6	SW846 8260B
Ethylbenzene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	100	1.0	SW846 8260B
2-Hexanone	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.6	ug/L	96	0.97	SW846 8260B
Isopropylbenzene	ND	10	11	ug/L	115		SW846 8260B
	ND	10	12	ug/L	116	1.1	SW846 8260B
Methyl acetate	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	10	ug/L	102	14	SW846 8260B
Methylene chloride	ND	10	12	ug/L	123 a		SW846 8260B
	ND	10	12	ug/L	120 a	2.6	SW846 8260B
Methylcyclohexane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	4.0	SW846 8260B
4-Methyl-2-pentanone	ND	10	7.8	ug/L	78 a		SW846 8260B
	ND	10	8.1	ug/L	81 a	3.0	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	11	ug/L	108		SW846 8260B
	ND	10	11	ug/L	110	2.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Styrene	ND	10	11	ug/L	108		SW846 8260B
	ND	10	11	ug/L	108	0.44	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.8	ug/L	98	1.2	SW846 8260B
Tetrachloroethene	ND	10	11	ug/L	107		SW846 8260B
	ND	10	11	ug/L	107	0.13	SW846 8260B
Toluene	**3.1**	**10**	**15**	**ug/L**	**115**		**SW846 8260B**
	3.1	**10**	**15**	**ug/L**	**116**	**0.32**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	7.1	ug/L	71		SW846 8260B
	ND	10	7.5	ug/L	75	5.6	SW846 8260B
1,1,1-Trichloroethane	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.8	ug/L	98	1.2	SW846 8260B
1,1,2-Trichloroethane	ND	10	11	ug/L	105		SW846 8260B
	ND	10	10	ug/L	105	0.61	SW846 8260B
Trichloroethene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**0.95**	**SW846 8260B**
Trichlorofluoromethane	ND	10	12	ug/L	119		SW846 8260B
	ND	10	12	ug/L	117	1.1	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	14	ug/L	142 a		SW846 8260B
	ND	10	14	ug/L	139 a	2.2	SW846 8260B
Vinyl chloride	ND	10	11	ug/L	112		SW846 8260B
	ND	10	12	ug/L	115	2.4	SW846 8260B
Xylenes (total)	ND	30	33	ug/L	109		SW846 8260B
	ND	30	32	ug/L	108	0.62	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	87	(61 - 128)
	85	(61 - 128)
Toluene-d8	101	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	112	(74 - 116)
	112	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AK-MSD
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/11/08 **Analysis Date..:** 01/11/08
Prep Batch #...: 8011221
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.6	(0-30)	SW846 8260B
Acetone	99	(45 - 128)			SW846 8260B
	94	(45 - 128)	1.7	(0-30)	SW846 8260B
Benzene	**103**	**(78 - 118)**			**SW846 8260B**
	102	**(78 - 118)**	**1.2**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	98	(80 - 146)			SW846 8260B
	94	(80 - 146)	4.3	(0-30)	SW846 8260B
Bromoform	109	(58 - 176)			SW846 8260B
	108	(58 - 176)	0.69	(0-30)	SW846 8260B
Bromomethane	114	(55 - 145)			SW846 8260B
	110	(55 - 145)	4.3	(0-30)	SW846 8260B
2-Butanone	40 a	(71 - 123)			SW846 8260B
	156 a,p	(71 - 123)	69	(0-30)	SW846 8260B
Carbon disulfide	130	(69 - 138)			SW846 8260B
	131	(69 - 138)	0.69	(0-41)	SW846 8260B
Carbon tetrachloride	107	(63 - 176)			SW846 8260B
	107	(63 - 176)	0.52	(0-30)	SW846 8260B
Chlorobenzene	**103**	**(76 - 117)**			**SW846 8260B**
	104	**(76 - 117)**	**0.54**	**(0-20)**	**SW846 8260B**
Chloroethane	124	(59 - 142)			SW846 8260B
	124	(59 - 142)	0.28	(0-30)	SW846 8260B
Chloroform	103	(83 - 141)			SW846 8260B
	100	(83 - 141)	2.6	(0-30)	SW846 8260B
Chloromethane	114	(40 - 137)			SW846 8260B
	112	(40 - 137)	1.6	(0-39)	SW846 8260B
Cyclohexane	87	(70 - 130)			SW846 8260B
	89	(70 - 130)	2.3	(0-30)	SW846 8260B
Dibromochloromethane	103	(71 - 158)			SW846 8260B
	103	(71 - 158)	0.12	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	89	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.1	(0-30)	SW846 8260B
1,2-Dibromoethane	99	(70 - 130)			SW846 8260B
	100	(70 - 130)	1.0	(0-30)	SW846 8260B
1,2-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	93	(70 - 130)	1.0	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.8	(0-30)	SW846 8260B
1,4-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.91	(0-30)	SW846 8260B
Dichlorodifluoromethane	127	(70 - 130)			SW846 8260B
	128	(70 - 130)	0.53	(0-30)	SW846 8260B
1,1-Dichloroethane	110	(88 - 127)			SW846 8260B
	106	(88 - 127)	2.8	(0-30)	SW846 8260B
1,2-Dichloroethane	95	(71 - 160)			SW846 8260B
	93	(71 - 160)	2.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**125**	**(62 - 130)**			**SW846 8260B**
	123	**(62 - 130)**	**1.5**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	101	(87 - 114)			SW846 8260B
	101	(87 - 114)	0.08	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	121 a	(85 - 116)			SW846 8260B
	117 a	(85 - 116)	3.4	(0-30)	SW846 8260B
1,2-Dichloropropane	103	(87 - 114)			SW846 8260B
	100	(87 - 114)	2.9	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	80 a	(82 - 130)			SW846 8260B
	81 a	(82 - 130)	1.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	96	(73 - 147)			SW846 8260B
	94	(73 - 147)	1.6	(0-30)	SW846 8260B
Ethylbenzene	99	(86 - 132)			SW846 8260B
	100	(86 - 132)	1.0	(0-30)	SW846 8260B
2-Hexanone	95	(81 - 128)			SW846 8260B
	96	(81 - 128)	0.97	(0-30)	SW846 8260B
Isopropylbenzene	115	(70 - 130)			SW846 8260B
	116	(70 - 130)	1.1	(0-30)	SW846 8260B
Methyl acetate	89	(70 - 130)			SW846 8260B
	102	(70 - 130)	14	(0-30)	SW846 8260B
Methylene chloride	123 a	(82 - 115)			SW846 8260B
	120 a	(82 - 115)	2.6	(0-30)	SW846 8260B
Methylcyclohexane	86	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.0	(0-30)	SW846 8260B
4-Methyl-2-pentanone	78 a	(82 - 135)			SW846 8260B
	81 a	(82 - 135)	3.0	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	108	(70 - 130)			SW846 8260B
	110	(70 - 130)	2.0	(0-30)	SW846 8260B
Styrene	108	(83 - 120)			SW846 8260B
	108	(83 - 120)	0.44	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	97	(88 - 116)			SW846 8260B
	98	(88 - 116)	1.2	(0-30)	SW846 8260B
Tetrachloroethene	107	(85 - 121)			SW846 8260B
	107	(85 - 121)	0.13	(0-30)	SW846 8260B
Toluene	**115**	**(70 - 119)**			**SW846 8260B**
	116	**(70 - 119)**	**0.32**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	71	(70 - 130)			SW846 8260B
	75	(70 - 130)	5.6	(0-30)	SW846 8260B
1,1,1-Trichloroethane	97	(71 - 162)			SW846 8260B
	98	(71 - 162)	1.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	105	(86 - 129)			SW846 8260B
	105	(86 - 129)	0.61	(0-30)	SW846 8260B
Trichloroethene	**96**	**(62 - 130)**			**SW846 8260B**
	97	**(62 - 130)**	**0.95**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	119	(70 - 130)			SW846 8260B
	117	(70 - 130)	1.1	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	142 a	(70 - 130)			SW846 8260B
	139 a	(70 - 130)	2.2	(0-30)	SW846 8260B
Vinyl chloride	112	(88 - 126)			SW846 8260B
	115	(88 - 126)	2.4	(0-30)	SW846 8260B
Xylenes (total)	109	(89 - 121)			SW846 8260B
	108	(89 - 121)	0.62	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	91	(73 - 122)
1,2-Dichloroethane-d4	87	(61 - 128)
	85	(61 - 128)
Toluene-d8	101	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	112	(74 - 116)
	112	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFC5M1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: A8A100262-006 KFC5M1AJ-MSD
Date Sampled...: 01/10/08 10:48 **Date Received..:** 01/10/08
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 111.11 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	1100	1000	ug/L	90		SW846 8260B
	ND	1100	940	ug/L	85	5.6	SW846 8260B
1,3,5-Trimethylbenzene	ND	1100	1000	ug/L	91		SW846 8260B
	ND	1100	960	ug/L	86	4.7	SW846 8260B
Acetone	ND	1100	1200	ug/L	105		SW846 8260B
	ND	1100	1000	ug/L	94	12	SW846 8260B
Benzene	**ND**	**1100**	**1200**	**ug/L**	**108**		**SW846 8260B**
	ND	**1100**	**1100**	**ug/L**	**100**	**8.4**	**SW846 8260B**
Bromodichloromethane	ND	1100	1200	ug/L	105		SW846 8260B
	ND	1100	1100	ug/L	95	10	SW846 8260B
Bromoform	ND	1100	1200	ug/L	104		SW846 8260B
	ND	1100	1000	ug/L	94	10	SW846 8260B
Bromomethane	ND	1100	1300	ug/L	121		SW846 8260B
	ND	1100	1300	ug/L	118	2.9	SW846 8260B
2-Butanone	ND	1100	1000	ug/L	94		SW846 8260B
	ND	1100	930	ug/L	84	11	SW846 8260B
Carbon disulfide	ND	1100	1500	ug/L	131		SW846 8260B
	ND	1100	1400	ug/L	124	6.0	SW846 8260B
Carbon tetrachloride	ND	1100	1300	ug/L	115		SW846 8260B
	ND	1100	1200	ug/L	111	3.5	SW846 8260B
Chlorobenzene	**ND**	**1100**	**1200**	**ug/L**	**105**		**SW846 8260B**
	ND	**1100**	**1100**	**ug/L**	**97**	**8.4**	**SW846 8260B**
Chloroethane	ND	1100	1400	ug/L	128		SW846 8260B
	ND	1100	1300	ug/L	120	7.0	SW846 8260B
Chloroform	ND	1100	1200	ug/L	109		SW846 8260B
	ND	1100	1100	ug/L	98	11	SW846 8260B
Chloromethane	ND	1100	1300	ug/L	116		SW846 8260B
	ND	1100	1200	ug/L	108	7.1	SW846 8260B
Cyclohexane	ND	1100	860	ug/L	78		SW846 8260B
	ND	1100	960	ug/L	86	10	SW846 8260B
Dibromochloromethane	ND	1100	1200	ug/L	106		SW846 8260B
	ND	1100	1100	ug/L	95	11	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1100	950	ug/L	85		SW846 8260B
	ND	1100	910	ug/L	82	4.3	SW846 8260B
1,2-Dibromoethane	ND	1100	1100	ug/L	101		SW846 8260B
	ND	1100	1000	ug/L	93	8.3	SW846 8260B
1,2-Dichlorobenzene	ND	1100	1000	ug/L	94		SW846 8260B
	ND	1100	960	ug/L	86	8.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFC5M1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: A8A100262-006 KFC5M1AJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	1100	1000	ug/L	94		SW846 8260B
	ND	1100	970	ug/L	87	7.5	SW846 8260B
1,4-Dichlorobenzene	ND	1100	1000	ug/L	94		SW846 8260B
	ND	1100	960	ug/L	86	8.2	SW846 8260B
Dichlorodifluoromethane	ND	1100	1300	ug/L	115		SW846 8260B
	ND	1100	1400	ug/L	126	8.8	SW846 8260B
1,1-Dichloroethane	ND	1100	1300	ug/L	114		SW846 8260B
	ND	1100	1200	ug/L	105	7.7	SW846 8260B
1,2-Dichloroethane	ND	1100	1100	ug/L	103		SW846 8260B
	ND	1100	1000	ug/L	92	11	SW846 8260B
1,1-Dichloroethene	**ND**	**1100**	**1300**	**ug/L**	**116**		**SW846 8260B**
	ND	**1100**	**1200**	**ug/L**	**112**	**3.8**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	1100	1200	ug/L	104		SW846 8260B
	ND	1100	1100	ug/L	97	7.1	SW846 8260B
trans-1,2-Dichloroethene	ND	1100	1400	ug/L	124 a		SW846 8260B
	ND	1100	1300	ug/L	117 a	6.3	SW846 8260B
1,2-Dichloropropane	ND	1100	1200	ug/L	105		SW846 8260B
	ND	1100	1100	ug/L	99	6.3	SW846 8260B
cis-1,3-Dichloropropene	ND	1100	1000	ug/L	90		SW846 8260B
	ND	1100	920	ug/L	83	7.6	SW846 8260B
trans-1,3-Dichloropropene	ND	1100	1100	ug/L	98		SW846 8260B
	ND	1100	980	ug/L	88	10	SW846 8260B
Ethylbenzene	ND	1100	1100	ug/L	101		SW846 8260B
	ND	1100	1000	ug/L	93	7.9	SW846 8260B
2-Hexanone	ND	1100	950	ug/L	86		SW846 8260B
	ND	1100	860	ug/L	77 a	10	SW846 8260B
Isopropylbenzene	ND	1100	1300	ug/L	115		SW846 8260B
	ND	1100	1200	ug/L	108	6.4	SW846 8260B
Methyl acetate	ND	1100	1200	ug/L	107		SW846 8260B
	ND	1100	1100	ug/L	98	8.6	SW846 8260B
Methylene chloride	ND	1100	1500	ug/L	139 a		SW846 8260B
	ND	1100	1300	ug/L	120 a	15	SW846 8260B
Methylcyclohexane	ND	1100	860	ug/L	78		SW846 8260B
	ND	1100	980	ug/L	88	12	SW846 8260B
4-Methyl-2-pentanone	ND	1100	860	ug/L	78 a		SW846 8260B
	ND	1100	820	ug/L	74 a	4.8	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	1100	1200	ug/L	112		SW846 8260B
	ND	1100	1100	ug/L	103	8.7	SW846 8260B
Styrene	ND	1100	1300	ug/L	113		SW846 8260B
	ND	1100	1100	ug/L	102	10	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFC5M1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: A8A100262-006 KFC5M1AJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	1100	1000	ug/L	93		SW846 8260B
	ND	1100	970	ug/L	87 a	6.8	SW846 8260B
Tetrachloroethene	ND	1100	1200	ug/L	109		SW846 8260B
	ND	1100	1100	ug/L	102	6.6	SW846 8260B
Toluene	**3000**	**1100**	**4900**	**ug/L**	**171 a**		**SW846 8260B**
	3000	**1100**	**4500**	**ug/L**	**131 a**	**9.5**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	1100	870	ug/L	78		SW846 8260B
	ND	1100	830	ug/L	75	4.3	SW846 8260B
1,1,1-Trichloroethane	ND	1100	1300	ug/L	113		SW846 8260B
	ND	1100	1200	ug/L	110	2.2	SW846 8260B
1,1,2-Trichloroethane	ND	1100	1200	ug/L	109		SW846 8260B
	ND	1100	1100	ug/L	97	12	SW846 8260B
Trichloroethene	**ND**	**1100**	**1100**	**ug/L**	**99**		**SW846 8260B**
	ND	**1100**	**1000**	**ug/L**	**94**	**5.5**	**SW846 8260B**
Trichlorofluoromethane	ND	1100	1300	ug/L	121		SW846 8260B
	ND	1100	1400	ug/L	124	1.8	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1100	1400	ug/L	128		SW846 8260B
	ND	1100	1500	ug/L	132 a	3.0	SW846 8260B
Vinyl chloride	ND	1100	1200	ug/L	107		SW846 8260B
	ND	1100	1200	ug/L	111	3.5	SW846 8260B
Xylenes (total)	ND	3300	3700	ug/L	111		SW846 8260B
	ND	3300	3400	ug/L	102	8.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
	88	(61 - 128)
Toluene-d8	103	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	115	(74 - 116)
	114	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFC5M1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: A8A100262-006 KFC5M1AJ-MSD
Date Sampled...: 01/10/08 10:48 **Date Received..:** 01/10/08
Prep Date.....: 01/14/08 **Analysis Date..:** 01/14/08
Prep Batch #...: 8015102
Dilution Factor: 111.11 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	85	(70 - 130)	5.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	86	(70 - 130)	4.7	(0-30)	SW846 8260B
Acetone	105	(45 - 128)			SW846 8260B
	94	(45 - 128)	12	(0-30)	SW846 8260B
Benzene	**108**	**(78 - 118)**			**SW846 8260B**
	100	**(78 - 118)**	**8.4**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	105	(80 - 146)			SW846 8260B
	95	(80 - 146)	10	(0-30)	SW846 8260B
Bromoform	104	(58 - 176)			SW846 8260B
	94	(58 - 176)	10	(0-30)	SW846 8260B
Bromomethane	121	(55 - 145)			SW846 8260B
	118	(55 - 145)	2.9	(0-30)	SW846 8260B
2-Butanone	94	(71 - 123)			SW846 8260B
	84	(71 - 123)	11	(0-30)	SW846 8260B
Carbon disulfide	131	(69 - 138)			SW846 8260B
	124	(69 - 138)	6.0	(0-41)	SW846 8260B
Carbon tetrachloride	115	(63 - 176)			SW846 8260B
	111	(63 - 176)	3.5	(0-30)	SW846 8260B
Chlorobenzene	**105**	**(76 - 117)**			**SW846 8260B**
	97	**(76 - 117)**	**8.4**	**(0-20)**	**SW846 8260B**
Chloroethane	128	(59 - 142)			SW846 8260B
	120	(59 - 142)	7.0	(0-30)	SW846 8260B
Chloroform	109	(83 - 141)			SW846 8260B
	98	(83 - 141)	11	(0-30)	SW846 8260B
Chloromethane	116	(40 - 137)			SW846 8260B
	108	(40 - 137)	7.1	(0-39)	SW846 8260B
Cyclohexane	78	(70 - 130)			SW846 8260B
	86	(70 - 130)	10	(0-30)	SW846 8260B
Dibromochloromethane	106	(71 - 158)			SW846 8260B
	95	(71 - 158)	11	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	85	(70 - 130)			SW846 8260B
	82	(70 - 130)	4.3	(0-30)	SW846 8260B
1,2-Dibromoethane	101	(70 - 130)			SW846 8260B
	93	(70 - 130)	8.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	86	(70 - 130)	8.4	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFC5M1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: A8A100262-006 KFC5M1AJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	87	(70 - 130)	7.5	(0-30)	SW846 8260B
1,4-Dichlorobenzene	94	(70 - 130)			SW846 8260B
	86	(70 - 130)	8.2	(0-30)	SW846 8260B
Dichlorodifluoromethane	115	(70 - 130)			SW846 8260B
	126	(70 - 130)	8.8	(0-30)	SW846 8260B
1,1-Dichloroethane	114	(88 - 127)			SW846 8260B
	105	(88 - 127)	7.7	(0-30)	SW846 8260B
1,2-Dichloroethane	103	(71 - 160)			SW846 8260B
	92	(71 - 160)	11	(0-30)	SW846 8260B
1,1-Dichloroethene	**116**	**(62 - 130)**			**SW846 8260B**
	112	**(62 - 130)**	**3.8**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	104	(87 - 114)			SW846 8260B
	97	(87 - 114)	7.1	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	124 a	(85 - 116)			SW846 8260B
	117 a	(85 - 116)	6.3	(0-30)	SW846 8260B
1,2-Dichloropropane	105	(87 - 114)			SW846 8260B
	99	(87 - 114)	6.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	90	(82 - 130)			SW846 8260B
	83	(82 - 130)	7.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	98	(73 - 147)			SW846 8260B
	88	(73 - 147)	10	(0-30)	SW846 8260B
Ethylbenzene	101	(86 - 132)			SW846 8260B
	93	(86 - 132)	7.9	(0-30)	SW846 8260B
2-Hexanone	86	(81 - 128)			SW846 8260B
	77 a	(81 - 128)	10	(0-30)	SW846 8260B
Isopropylbenzene	115	(70 - 130)			SW846 8260B
	108	(70 - 130)	6.4	(0-30)	SW846 8260B
Methyl acetate	107	(70 - 130)			SW846 8260B
	98	(70 - 130)	8.6	(0-30)	SW846 8260B
Methylene chloride	139 a	(82 - 115)			SW846 8260B
	120 a	(82 - 115)	15	(0-30)	SW846 8260B
Methylcyclohexane	78	(70 - 130)			SW846 8260B
	88	(70 - 130)	12	(0-30)	SW846 8260B
4-Methyl-2-pentanone	78 a	(82 - 135)			SW846 8260B
	74 a	(82 - 135)	4.8	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	112	(70 - 130)			SW846 8260B
	103	(70 - 130)	8.7	(0-30)	SW846 8260B
Styrene	113	(83 - 120)			SW846 8260B
	102	(83 - 120)	10	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8A09183 **Work Order #...:** KFC5M1AH-MS **Matrix.....:** WATER
MS Lot-Sample #: A8A100262-006 KFC5M1AJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	93	(88 - 116)			SW846 8260B
	87 a	(88 - 116)	6.8	(0-30)	SW846 8260B
Tetrachloroethene	109	(85 - 121)			SW846 8260B
	102	(85 - 121)	6.6	(0-30)	SW846 8260B
Toluene	**171 a**	**(70 - 119)**			**SW846 8260B**
	131 a	**(70 - 119)**	**9.5**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	78	(70 - 130)			SW846 8260B
	75	(70 - 130)	4.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	113	(71 - 162)			SW846 8260B
	110	(71 - 162)	2.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	109	(86 - 129)			SW846 8260B
	97	(86 - 129)	12	(0-30)	SW846 8260B
Trichloroethene	**99**	**(62 - 130)**			**SW846 8260B**
	94	**(62 - 130)**	**5.5**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	121	(70 - 130)			SW846 8260B
	124	(70 - 130)	1.8	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	128	(70 - 130)			SW846 8260B
	132 a	(70 - 130)	3.0	(0-30)	SW846 8260B
Vinyl chloride	107	(88 - 126)			SW846 8260B
	111	(88 - 126)	3.5	(0-30)	SW846 8260B
Xylenes (total)	111	(89 - 121)			SW846 8260B
	102	(89 - 121)	8.6	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	88	(61 - 128)
	88	(61 - 128)
Toluene-d8	103	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	115	(74 - 116)
	114	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL1AP **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 910 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	**0.73**	**0.20**	**ug/L**	**0.052**
Benzo(a)pyrene	**0.64**	**0.20**	**ug/L**	**0.048**
Benzo(b)fluoranthene	**1.2**	**0.20**	**ug/L**	**0.049**
Benzo(ghi)perylene	**0.57**	**0.20**	**ug/L**	**0.053**
Benzo(k)fluoranthene	**0.38**	**0.20**	**ug/L**	**0.049**
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**1.5**	**1.0**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	**0.94**	**0.20**	**ug/L**	**0.048**
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL1AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	**2.5**	**0.20**	**ug/L**	**0.036**
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopenta-diene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	**0.49**	**0.20**	**ug/L**	**0.065**
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	**0.87**	**0.20**	**ug/L**	**0.087**
Phenol	ND	1.0	ug/L	0.96
Pyrene	**1.7**	**0.20**	**ug/L**	**0.048**
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL1AP **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	76	(37 - 119)
Phenol-d5	48	(10 - 110)
2-Fluorophenol	25	(10 - 110)
2,4,6-Tribromophenol	74	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX1AJ **Matrix.....:** WG
Date Sampled...: 01/08/08 12:10 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 890 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopenta-diene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX1AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	55	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	47	(10 - 110)
2-Fluorophenol	23	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F51AJ **Matrix.....:** WG
Date Sampled...: 01/08/08 13:45 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 900 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F51AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopenta-diene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F51AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
Terphenyl-d14	79	(37 - 119)
Phenol-d5	55	(10 - 110)
2-Fluorophenol	26	(10 - 110)
2,4,6-Tribromophenol	74	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F61AJ **Matrix.....:** WG
Date Sampled...: 01/08/08 14:00 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 980 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F61AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopenta-diene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F61AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
Terphenyl-d14	78	(37 - 119)
Phenol-d5	51	(10 - 110)
2-Fluorophenol	36	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-002 **Work Order #...:** KFA1W1AC **Matrix.....:** WG
Date Sampled...: 01/08/08 11:35 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 990 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**6.9**	**1.0**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-002 **Work Order #...:** KFA1W1AC **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	**0.23**	**0.20**	**ug/L**	**0.036**
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopenta-diene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	**0.22**	**0.20**	**ug/L**	**0.087**
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-002 **Work Order #...:** KFA1W1AC **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	67	(37 - 119)
Phenol-d5	49	(10 - 110)
2-Fluorophenol	35	(10 - 110)
2,4,6-Tribromophenol	63	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-003 **Work Order #...:** KFA131AD **Matrix.....:** WG
Date Sampled...: 01/09/08 09:15 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 800 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.2	ug/L	0.52
Pyridine	ND	1.2	ug/L	0.78
Acenaphthene	ND	0.25	ug/L	0.054
Acenaphthylene	ND	0.25	ug/L	0.054
Acetophenone	**0.55 J**	**1.2**	**ug/L**	**0.55**
Anthracene	ND	0.25	ug/L	0.054
Atrazine	ND	1.2	ug/L	0.65
Benzo(a)anthracene	ND	0.25	ug/L	0.052
Benzo(a)pyrene	ND	0.25	ug/L	0.048
Benzo(b)fluoranthene	ND	0.25	ug/L	0.049
Benzo(ghi)perylene	ND	0.25	ug/L	0.053
Benzo(k)fluoranthene	ND	0.25	ug/L	0.049
Benzaldehyde	ND	1.2	ug/L	0.75
1,1'-Biphenyl	ND	1.2	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.2	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.2	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**2.1**	**1.2**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	2.5	ug/L	0.52
Butyl benzyl phthalate	ND	1.2	ug/L	0.51
Caprolactam	ND	6.2	ug/L	0.61
Carbazole	ND	1.2	ug/L	0.54
4-Chloroaniline	ND	2.5	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.5	ug/L	0.41
2-Chloronaphthalene	ND	1.2	ug/L	0.62
2-Chlorophenol	ND	1.2	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.5	ug/L	0.55
Chrysene	ND	0.25	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.25	ug/L	0.039
Dibenzofuran	ND	1.2	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.2	ug/L	0.48
2,4-Dichlorophenol	ND	2.5	ug/L	1.1
Diethyl phthalate	ND	1.2	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-003 **Work Order #...:** KFA131AD **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.5	ug/L	0.56
Dimethyl phthalate	ND	1.2	ug/L	0.44
Di-n-butyl phthalate	ND	1.2	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	6.2	ug/L	0.27
2,4-Dinitrophenol	ND	6.2	ug/L	3.5
2,4-Dinitrotoluene	ND	6.2	ug/L	0.40
2,6-Dinitrotoluene	ND	6.2	ug/L	0.47
Di-n-octyl phthalate	ND	1.2	ug/L	0.39
Fluoranthene	ND	0.25	ug/L	0.036
Fluorene	ND	0.25	ug/L	0.043
Hexachlorobenzene	ND	0.25	ug/L	0.065
Hexachlorobutadiene	ND	1.2	ug/L	0.51
Hexachlorocyclopenta-diene	ND	6.2	ug/L	0.74
Hexachloroethane	ND	1.2	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.25	ug/L	0.065
Isophorone	ND	1.2	ug/L	0.50
2-Methylnaphthalene	**0.38**	**0.25**	**ug/L**	**0.061**
2-Methylphenol	ND	1.2	ug/L	0.56
4-Methylphenol	ND	1.2	ug/L	0.64
Naphthalene	**0.92**	**0.25**	**ug/L**	**0.069**
2-Nitroaniline	ND	2.5	ug/L	0.43
3-Nitroaniline	ND	2.5	ug/L	0.67
4-Nitroaniline	ND	2.5	ug/L	0.47
Nitrobenzene	ND	1.2	ug/L	0.053
2-Nitrophenol	ND	2.5	ug/L	1.3
4-Nitrophenol	ND	6.2	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.2	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.2	ug/L	0.46
Pentachlorophenol	ND	6.2	ug/L	0.48
Phenanthrene	ND	0.25	ug/L	0.087
Phenol	ND	1.2	ug/L	0.96
Pyrene	ND	0.25	ug/L	0.048
2,4,5-Trichloro-phenol	ND	6.2	ug/L	0.96
2,4,6-Trichloro-phenol	ND	5.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-003 **Work Order #...:** KFA131AD **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	53	(28 - 110)
Terphenyl-d14	73	(37 - 119)
Phenol-d5	47	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	64	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-004 **Work Order #...:** KFA2L1AL **Matrix.....:** WG
Date Sampled...: 01/09/08 09:55 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 400 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	2.5	ug/L	0.52
Pyridine	ND	2.5	ug/L	0.78
Acenaphthene	ND	0.50	ug/L	0.054
Acenaphthylene	ND	0.50	ug/L	0.054
Acetophenone	ND	2.5	ug/L	0.55
Anthracene	ND	0.50	ug/L	0.054
Atrazine	ND	2.5	ug/L	0.65
Benzo(a)anthracene	ND	0.50	ug/L	0.052
Benzo(a)pyrene	ND	0.50	ug/L	0.048
Benzo(b)fluoranthene	ND	0.50	ug/L	0.049
Benzo(ghi)perylene	ND	0.50	ug/L	0.053
Benzo(k)fluoranthene	ND	0.50	ug/L	0.049
Benzaldehyde	ND	2.5	ug/L	0.75
1,1'-Biphenyl	ND	2.5	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	2.5	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	2.5	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**1.4 J**	**2.5**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	5.0	ug/L	0.52
Butyl benzyl phthalate	ND	2.5	ug/L	0.51
Caprolactam	ND	12	ug/L	0.61
Carbazole	ND	2.5	ug/L	0.54
4-Chloroaniline	ND	5.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	5.0	ug/L	0.41
2-Chloronaphthalene	ND	2.5	ug/L	0.62
2-Chlorophenol	ND	2.5	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	0.55
Chrysene	ND	0.50	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.50	ug/L	0.039
Dibenzofuran	ND	2.5	ug/L	0.54
3,3'-Dichlorobenzidine	ND	2.5	ug/L	0.48
2,4-Dichlorophenol	ND	5.0	ug/L	1.1
Diethyl phthalate	ND	2.5	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-004 **Work Order #...:** KFA2L1AL **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	5.0	ug/L	0.56
Dimethyl phthalate	ND	2.5	ug/L	0.44
Di-n-butyl phthalate	ND	2.5	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	12	ug/L	0.27
2,4-Dinitrophenol	ND	12	ug/L	3.5
2,4-Dinitrotoluene	ND	12	ug/L	0.40
2,6-Dinitrotoluene	ND	12	ug/L	0.47
Di-n-octyl phthalate	ND	2.5	ug/L	0.39
Fluoranthene	ND	0.50	ug/L	0.036
Fluorene	ND	0.50	ug/L	0.043
Hexachlorobenzene	ND	0.50	ug/L	0.065
Hexachlorobutadiene	ND	2.5	ug/L	0.51
Hexachlorocyclopentadiene	ND	12	ug/L	0.74
Hexachloroethane	ND	2.5	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.50	ug/L	0.065
Isophorone	ND	2.5	ug/L	0.50
2-Methylnaphthalene	ND	0.50	ug/L	0.061
2-Methylphenol	ND	2.5	ug/L	0.56
4-Methylphenol	ND	2.5	ug/L	0.64
Naphthalene	ND	0.50	ug/L	0.069
2-Nitroaniline	ND	5.0	ug/L	0.43
3-Nitroaniline	ND	5.0	ug/L	0.67
4-Nitroaniline	ND	5.0	ug/L	0.47
Nitrobenzene	ND	2.5	ug/L	0.053
2-Nitrophenol	ND	5.0	ug/L	1.3
4-Nitrophenol	ND	12	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	2.5	ug/L	0.53
N-Nitrosodiphenylamine	ND	2.5	ug/L	0.46
Pentachlorophenol	ND	12	ug/L	0.48
Phenanthrene	ND	0.50	ug/L	0.087
Phenol	ND	2.5	ug/L	0.96
Pyrene	ND	0.50	ug/L	0.048
2,4,5-Trichlorophenol	ND	12	ug/L	0.96
2,4,6-Trichlorophenol	ND	10	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-004 **Work Order #...:** KFA2L1AL **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66	(27 - 111)
2-Fluorobiphenyl	61	(28 - 110)
Terphenyl-d14	74	(37 - 119)
Phenol-d5	56	(10 - 110)
2-Fluorophenol	42	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P1AF **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/18/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**0.93 J**	**1.0**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P1AF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

GC/MS Semivolatiles

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P1AF **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
Terphenyl-d14	74	(37 - 119)
Phenol-d5	52	(10 - 110)
2-Fluorophenol	36	(10 - 110)
2,4,6-Tribromophenol	65	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AA **Matrix.....:** WATER
MB Lot-Sample #: A8A120000-019

Prep Date.....: 01/12/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 01/17/08 **Prep Batch #...:** 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	SW846 8270C
Pyridine	ND	1.0	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	1.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	5.0	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	4.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(27 - 111)
2-Fluorobiphenyl	56	(28 - 110)
Terphenyl-d14	70	(37 - 119)
Phenol-d5	50	(10 - 110)
2-Fluorophenol	24	(10 - 110)
2,4,6-Tribromophenol	48	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AA **Matrix.....:** WATER

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-019
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyridine	20	14	ug/L	69	SW846 8270C
2,2'-Oxybis(1-Chloropropa	20	16	ug/L	80	SW846 8270C
Acenaphthene	**20**	**14**	**ug/L**	**69**	**SW846 8270C**
Acenaphthylene	20	14	ug/L	70	SW846 8270C
Acetophenone	20	15	ug/L	76	SW846 8270C
Anthracene	20	14	ug/L	70	SW846 8270C
Atrazine	20	16	ug/L	82	SW846 8270C
Benzo(a)anthracene	20	14	ug/L	68	SW846 8270C
Benzo(a)pyrene	20	13	ug/L	67	SW846 8270C
Benzo(b)fluoranthene	20	15	ug/L	74	SW846 8270C
Benzo(ghi)perylene	20	14	ug/L	72	SW846 8270C
Benzo(k)fluoranthene	20	15	ug/L	74	SW846 8270C
Benzaldehyde	20	18	ug/L	88	SW846 8270C
1,1'-Biphenyl	20	14	ug/L	70	SW846 8270C
bis(2-Chloroethoxy) methane	20	15	ug/L	74	SW846 8270C
bis(2-Chloroethyl)-ether	20	15	ug/L	77	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	17	ug/L	84	SW846 8270C
4-Bromophenyl phenyl ether	20	15	ug/L	74	SW846 8270C
Butyl benzyl phthalate	20	15	ug/L	73	SW846 8270C
Caprolactam	20	13	ug/L	67	SW846 8270C
Carbazole	20	15	ug/L	74	SW846 8270C
4-Chloroaniline	20	13	ug/L	63	SW846 8270C
4-Chloro-3-methylphenol	**20**	**13**	**ug/L**	**67**	**SW846 8270C**
2-Chloronaphthalene	20	14	ug/L	69	SW846 8270C
2-Chlorophenol	**20**	**12**	**ug/L**	**59**	**SW846 8270C**
4-Chlorophenyl phenyl ether	20	15	ug/L	74	SW846 8270C
Chrysene	20	14	ug/L	70	SW846 8270C
Dibenz(a,h)anthracene	20	14	ug/L	72	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-019

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	20	14	ug/L	70	SW846 8270C
3,3'-Dichlorobenzidine	20	7.5	ug/L	37	SW846 8270C
2,4-Dichlorophenol	20	13	ug/L	66	SW846 8270C
Diethyl phthalate	20	14	ug/L	72	SW846 8270C
2,4-Dimethylphenol	20	9.0	ug/L	45	SW846 8270C
Dimethyl phthalate	20	14	ug/L	72	SW846 8270C
Di-n-butyl phthalate	20	15	ug/L	76	SW846 8270C
4,6-Dinitro-2-methylphenol	20	8.9	ug/L	44	SW846 8270C
2,4-Dinitrophenol	20	3.9	ug/L	19	SW846 8270C
2,4-Dinitrotoluene	**20**	**15**	**ug/L**	**76**	**SW846 8270C**
2,6-Dinitrotoluene	20	15	ug/L	75	SW846 8270C
Di-n-octyl phthalate	20	14	ug/L	72	SW846 8270C
Fluoranthene	20	15	ug/L	76	SW846 8270C
Fluorene	20	14	ug/L	69	SW846 8270C
Hexachlorobenzene	20	14	ug/L	71	SW846 8270C
Hexachlorobutadiene	20	13	ug/L	63	SW846 8270C
Hexachlorocyclopenta-diene	20	3.1	ug/L	16	SW846 8270C
Hexachloroethane	20	13	ug/L	65	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	15	ug/L	73	SW846 8270C
Isophorone	20	16	ug/L	81	SW846 8270C
2-Methylnaphthalene	20	16	ug/L	80	SW846 8270C
2-Methylphenol	20	13	ug/L	66	SW846 8270C
4-Methylphenol	40	27	ug/L	67	SW846 8270C
Naphthalene	20	14	ug/L	71	SW846 8270C
2-Nitroaniline	20	14	ug/L	71	SW846 8270C
3-Nitroaniline	20	14	ug/L	72	SW846 8270C
4-Nitroaniline	20	14	ug/L	69	SW846 8270C
Nitrobenzene	20	15	ug/L	76	SW846 8270C
2-Nitrophenol	20	13	ug/L	66	SW846 8270C
4-Nitrophenol	**20**	**9.6**	**ug/L**	**48**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**76**	**SW846 8270C**
N-Nitrosodiphenylamine	20	13	ug/L	67	SW846 8270C
Pentachlorophenol	**20**	**8.9**	**ug/L**	**44**	**SW846 8270C**
Phenanthrene	20	14	ug/L	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-019

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
Pyrene	**20**	**14**	**ug/L**	**72**	**SW846 8270C**
2,4,5-Trichloro-phenol	20	13	ug/L	66	SW846 8270C
2,4,6-Trichloro-phenol	20	13	ug/L	63	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	41	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-019
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyridine	69	(10 - 110)	SW846 8270C
2,2'-Oxybis(1-Chloropropa	80	(25 - 128)	SW846 8270C
Acenaphthene	**69**	**(40 - 110)**	**SW846 8270C**
Acenaphthylene	70	(43 - 110)	SW846 8270C
Acetophenone	76	(50 - 130)	SW846 8270C
Anthracene	70	(54 - 114)	SW846 8270C
Atrazine	82	(50 - 130)	SW846 8270C
Benzo(a)anthracene	68	(55 - 115)	SW846 8270C
Benzo(a)pyrene	67	(43 - 116)	SW846 8270C
Benzo(b)fluoranthene	74	(43 - 122)	SW846 8270C
Benzo(ghi)perylene	72	(45 - 120)	SW846 8270C
Benzo(k)fluoranthene	74	(43 - 124)	SW846 8270C
Benzaldehyde	88	(10 - 130)	SW846 8270C
1,1'-Biphenyl	70	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(39 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	77	(34 - 113)	SW846 8270C
bis(2-Ethylhexyl) phthalate	84	(36 - 163)	SW846 8270C
4-Bromophenyl phenyl ether	74	(51 - 114)	SW846 8270C
Butyl benzyl phthalate	73	(53 - 126)	SW846 8270C
Caprolactam	67	(50 - 130)	SW846 8270C
Carbazole	74	(53 - 120)	SW846 8270C
4-Chloroaniline	63	(10 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**67**	**(39 - 110)**	**SW846 8270C**
2-Chloronaphthalene	69	(39 - 110)	SW846 8270C
2-Chlorophenol	**59**	**(27 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	74	(50 - 115)	SW846 8270C
Chrysene	70	(55 - 115)	SW846 8270C
Dibenz(a,h)anthracene	72	(46 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-019

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	70	(46 - 111)	SW846 8270C
3,3'-Dichlorobenzidine	37	(19 - 110)	SW846 8270C
2,4-Dichlorophenol	66	(33 - 110)	SW846 8270C
Diethyl phthalate	72	(33 - 134)	SW846 8270C
2,4-Dimethylphenol	45	(12 - 110)	SW846 8270C
Dimethyl phthalate	72	(15 - 143)	SW846 8270C
Di-n-butyl phthalate	76	(55 - 122)	SW846 8270C
4,6-Dinitro-2-methylphenol	44	(28 - 112)	SW846 8270C
2,4-Dinitrophenol	19	(17 - 112)	SW846 8270C
2,4-Dinitrotoluene	**76**	**(52 - 123)**	**SW846 8270C**
2,6-Dinitrotoluene	75	(52 - 119)	SW846 8270C
Di-n-octyl phthalate	72	(44 - 128)	SW846 8270C
Fluoranthene	76	(54 - 122)	SW846 8270C
Fluorene	69	(47 - 112)	SW846 8270C
Hexachlorobenzene	71	(51 - 112)	SW846 8270C
Hexachlorobutadiene	63	(13 - 110)	SW846 8270C
Hexachlorocyclopentadiene	16	(10 - 110)	SW846 8270C
Hexachloroethane	65	(12 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(46 - 121)	SW846 8270C
Isophorone	81	(44 - 128)	SW846 8270C
2-Methylnaphthalene	80	(35 - 110)	SW846 8270C
2-Methylphenol	66	(30 - 110)	SW846 8270C
4-Methylphenol	67	(32 - 110)	SW846 8270C
Naphthalene	71	(31 - 110)	SW846 8270C
2-Nitroaniline	71	(43 - 130)	SW846 8270C
3-Nitroaniline	72	(45 - 116)	SW846 8270C
4-Nitroaniline	69	(45 - 120)	SW846 8270C
Nitrobenzene	76	(37 - 115)	SW846 8270C
2-Nitrophenol	66	(29 - 110)	SW846 8270C
4-Nitrophenol	**48**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**76**	**(37 - 121)**	**SW846 8270C**
N-Nitrosodiphenylamine	67	(53 - 113)	SW846 8270C
Pentachlorophenol	**44**	**(26 - 110)**	**SW846 8270C**
Phenanthrene	69	(52 - 114)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3H1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-019

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**65**	**(14 - 112)**	**SW846 8270C**
Pyrene	**72**	**(55 - 120)**	**SW846 8270C**
2,4,5-Trichloro-phenol	66	(39 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	63	(35 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	76	(27 - 111)
2-Fluorobiphenyl	69	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	64	(10 - 110)
2-Fluorophenol	41	(10 - 110)
2,4,6-Tribromophenol	69	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	39	24	ug/L	62		SW846 8270C
	ND	39	24	ug/L	62	0.17	SW846 8270C
Pyridine	ND	39	17	ug/L	44		SW846 8270C
	ND	39	15	ug/L	38	15	SW846 8270C
Acenaphthene	**ND**	**39**	**23**	**ug/L**	**59**		**SW846 8270C**
	ND	**39**	**24**	**ug/L**	**62**	**5.4**	**SW846 8270C**
Acenaphthylene	ND	39	21	ug/L	54		SW846 8270C
	ND	39	22	ug/L	57	5.6	SW846 8270C
Acetophenone	ND	39	24	ug/L	62		SW846 8270C
	ND	39	25	ug/L	64	3.1	SW846 8270C
Anthracene	ND	39	22	ug/L	56		SW846 8270C
	ND	39	24	ug/L	62	9.9	SW846 8270C
Atrazine	ND	39	28	ug/L	73		SW846 8270C
	ND	39	31	ug/L	80	9.8	SW846 8270C
Benzo(a)anthracene	0.73	39	24	ug/L	60		SW846 8270C
	0.73	39	27	ug/L	67	12	SW846 8270C
Benzo(a)pyrene	0.64	39	22	ug/L	55		SW846 8270C
	0.64	39	26	ug/L	64	14	SW846 8270C
Benzo(b)fluoranthene	1.2	39	25	ug/L	61		SW846 8270C
	1.2	39	30	ug/L	73	16	SW846 8270C
Benzo(ghi)perylene	0.57	39	25	ug/L	61		SW846 8270C
	0.57	39	29	ug/L	72	16	SW846 8270C
Benzo(k)fluoranthene	0.38	39	27	ug/L	68		SW846 8270C
	0.38	39	32	ug/L	80	15	SW846 8270C
Benzaldehyde	ND	39	26	ug/L	67		SW846 8270C
	ND	39	27	ug/L	69	2.5	SW846 8270C
1,1'-Biphenyl	ND	39	22	ug/L	56		SW846 8270C
	ND	39	23	ug/L	57	3.2	SW846 8270C
bis(2-Chloroethoxy) methane	ND	39	23	ug/L	59		SW846 8270C
	ND	39	24	ug/L	62	3.6	SW846 8270C
bis(2-Chloroethyl)-ether	ND	39	27	ug/L	69		SW846 8270C
	ND	39	27	ug/L	70	2.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	1.5	39	29	ug/L	69		SW846 8270C
	1.5	39	31	ug/L	75	8.1	SW846 8270C
4-Bromophenyl phenyl ether	ND	39	26	ug/L	67		SW846 8270C
	ND	39	28	ug/L	72	6.8	SW846 8270C
Butyl benzyl phthalate	ND	39	26	ug/L	66		SW846 8270C
	ND	39	29	ug/L	75	13	SW846 8270C
Caprolactam	ND	39	32	ug/L	81		SW846 8270C
	ND	39	36	ug/L	92	13	SW846 8270C
Carbazole	ND	39	27	ug/L	68		SW846 8270C
	ND	39	30	ug/L	77	12	SW846 8270C
4-Chloroaniline	ND	39	18	ug/L	45		SW846 8270C
	ND	39	18	ug/L	47	4.9	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**39**	**26**	**ug/L**	**66**		**SW846 8270C**
	ND	**39**	**29**	**ug/L**	**75**	**13**	**SW846 8270C**
2-Chloronaphthalene	ND	39	22	ug/L	56		SW846 8270C
	ND	39	22	ug/L	57	1.7	SW846 8270C
2-Chlorophenol	**ND**	**39**	**20**	**ug/L**	**50**		**SW846 8270C**
	ND	**39**	**18**	**ug/L**	**46**	**8.8**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	39	26	ug/L	67		SW846 8270C
	ND	39	28	ug/L	72	7.2	SW846 8270C
Chrysene	0.94	39	26	ug/L	63		SW846 8270C
	0.94	39	29	ug/L	71	11	SW846 8270C
Dibenz(a,h)anthracene	ND	39	25	ug/L	63		SW846 8270C
	ND	39	29	ug/L	74	16	SW846 8270C
Dibenzofuran	ND	39	24	ug/L	61		SW846 8270C
	ND	39	26	ug/L	65	7.1	SW846 8270C
3,3'-Dichlorobenzidine	ND	39	0.0	ug/L	0.0 a		SW846 8270C
	ND	39	0.0	ug/L	0.0 a	0.0	SW846 8270C
2,4-Dichlorophenol	ND	39	23	ug/L	58		SW846 8270C
	ND	39	23	ug/L	60	3.9	SW846 8270C
Diethyl phthalate	ND	39	27	ug/L	69		SW846 8270C
	ND	39	30	ug/L	75	9.3	SW846 8270C
2,4-Dimethylphenol	ND	39	19	ug/L	49		SW846 8270C
	ND	39	20	ug/L	52	5.8	SW846 8270C
Dimethyl phthalate	ND	39	26	ug/L	66		SW846 8270C
	ND	39	28	ug/L	70	7.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	39	27	ug/L	70		SW846 8270C
	ND	39	30	ug/L	77	10	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	39	15	ug/L	38		SW846 8270C
	ND	39	17	ug/L	43	12	SW846 8270C
2,4-Dinitrophenol	ND	39	10	ug/L	26		SW846 8270C
	ND	39	11	ug/L	28	6.4	SW846 8270C
2,4-Dinitrotoluene	**ND**	**39**	**28**	**ug/L**	**72**		**SW846 8270C**
	ND	**39**	**31**	**ug/L**	**80**	**11**	**SW846 8270C**
2,6-Dinitrotoluene	ND	39	27	ug/L	70		SW846 8270C
	ND	39	29	ug/L	73	5.0	SW846 8270C
Di-n-octyl phthalate	ND	39	26	ug/L	67		SW846 8270C
	ND	39	31	ug/L	79	17	SW846 8270C
Fluoranthene	2.5	39	30	ug/L	69		SW846 8270C
	2.5	39	33	ug/L	78	10	SW846 8270C
Fluorene	ND	39	26	ug/L	66		SW846 8270C
	ND	39	27	ug/L	69	5.6	SW846 8270C
Hexachlorobenzene	ND	39	24	ug/L	61		SW846 8270C
	ND	39	27	ug/L	68	11	SW846 8270C
Hexachlorobutadiene	ND	39	18	ug/L	46		SW846 8270C
	ND	39	20	ug/L	50	7.1	SW846 8270C
Hexachlorocyclopenta-diene	ND	39	4.8	ug/L	12		SW846 8270C
	ND	39	4.3	ug/L	11	9.4	SW846 8270C
Hexachloroethane	ND	39	18	ug/L	46		SW846 8270C
	ND	39	18	ug/L	46	0.09	SW846 8270C
Indeno(1,2,3-cd)pyrene	0.49	39	24	ug/L	60		SW846 8270C
	0.49	39	29	ug/L	72	17	SW846 8270C
Isophorone	ND	39	26	ug/L	65		SW846 8270C
	ND	39	27	ug/L	69	5.2	SW846 8270C
2-Methylnaphthalene	ND	39	26	ug/L	65		SW846 8270C
	ND	39	27	ug/L	68	3.8	SW846 8270C
2-Methylphenol	ND	39	23	ug/L	60		SW846 8270C
	ND	39	24	ug/L	60	0.80	SW846 8270C
4-Methylphenol	ND	78	46	ug/L	59		SW846 8270C
	ND	78	48	ug/L	61	2.8	SW846 8270C
Naphthalene	ND	39	22	ug/L	55		SW846 8270C
	ND	39	23	ug/L	58	4.7	SW846 8270C
2-Nitroaniline	ND	39	22	ug/L	55		SW846 8270C
	ND	39	23	ug/L	59	7.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	39	18	ug/L	47		SW846 8270C
	ND	39	22	ug/L	55	16	SW846 8270C
4-Nitroaniline	ND	39	14	ug/L	36		SW846 8270C
	ND	39	16	ug/L	42	15	SW846 8270C
Nitrobenzene	ND	39	31	ug/L	78		SW846 8270C
	ND	39	31	ug/L	80	2.0	SW846 8270C
2-Nitrophenol	ND	39	21	ug/L	53		SW846 8270C
	ND	39	22	ug/L	56	4.8	SW846 8270C
4-Nitrophenol	**ND**	**39**	**26**	**ug/L**	**65**		**SW846 8270C**
	ND	**39**	**26**	**ug/L**	**67**	**2.9**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**39**	**24**	**ug/L**	**61**		**SW846 8270C**
	ND	**39**	**24**	**ug/L**	**61**	**0.37**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	39	24	ug/L	62		SW846 8270C
	ND	39	27	ug/L	69	11	SW846 8270C
Pentachlorophenol	**ND**	**39**	**22**	**ug/L**	**56**		**SW846 8270C**
	ND	**39**	**26**	**ug/L**	**67**	**17**	**SW846 8270C**
Phenanthrene	0.87	39	25	ug/L	63		SW846 8270C
	0.87	39	27	ug/L	68	7.5	SW846 8270C
Phenol	**ND**	**39**	**23**	**ug/L**	**58**		**SW846 8270C**
	ND	**39**	**22**	**ug/L**	**56**	**2.2**	**SW846 8270C**
Pyrene	**1.7**	**39**	**27**	**ug/L**	**66**		**SW846 8270C**
	1.7	**39**	**30**	**ug/L**	**72**	**9.2**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	39	24	ug/L	61		SW846 8270C
	ND	39	26	ug/L	67	9.0	SW846 8270C
2,4,6-Trichloro-phenol	ND	39	23	ug/L	58		SW846 8270C
	ND	39	25	ug/L	63	8.0	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
	61	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
	55	(28 - 110)
Terphenyl-d14	74	(37 - 119)
	79	(37 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	55	(10 - 110)
	50	(10 - 110)
2-Fluorophenol	37	(10 - 110)
	22	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)
	73	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/17/08
Prep Batch #...: 8012019
Dilution Factor: 1 **Initial Wgt/Vol:** 510 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	62	(13 - 124)			SW846 8270C
	62	(13 - 124)	0.17	(0-30)	SW846 8270C
Pyridine	44	(10 - 110)			SW846 8270C
	38	(10 - 110)	15	(0-30)	SW846 8270C
Acenaphthene	**59**	**(36 - 110)**			**SW846 8270C**
	62	**(36 - 110)**	**5.4**	**(0-30)**	**SW846 8270C**
Acenaphthylene	54	(39 - 110)			SW846 8270C
	57	(39 - 110)	5.6	(0-30)	SW846 8270C
Acetophenone	62	(50 - 130)			SW846 8270C
	64	(50 - 130)	3.1	(0-30)	SW846 8270C
Anthracene	56	(46 - 110)			SW846 8270C
	62	(46 - 110)	9.9	(0-30)	SW846 8270C
Atrazine	73	(50 - 130)			SW846 8270C
	80	(50 - 130)	9.8	(0-30)	SW846 8270C
Benzo(a)anthracene	60	(52 - 110)			SW846 8270C
	67	(52 - 110)	12	(0-30)	SW846 8270C
Benzo(a)pyrene	55	(33 - 110)			SW846 8270C
	64	(33 - 110)	14	(0-30)	SW846 8270C
Benzo(b)fluoranthene	61	(33 - 114)			SW846 8270C
	73	(33 - 114)	16	(0-30)	SW846 8270C
Benzo(ghi)perylene	61	(34 - 116)			SW846 8270C
	72	(34 - 116)	16	(0-30)	SW846 8270C
Benzo(k)fluoranthene	68	(32 - 121)			SW846 8270C
	80	(32 - 121)	15	(0-30)	SW846 8270C
Benzaldehyde	67	(10 - 130)			SW846 8270C
	69	(10 - 130)	2.5	(0-30)	SW846 8270C
1,1'-Biphenyl	56	(50 - 130)			SW846 8270C
	57	(50 - 130)	3.2	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	59	(35 - 110)			SW846 8270C
	62	(35 - 110)	3.6	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	69	(27 - 110)			SW846 8270C
	70	(27 - 110)	2.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	69	(40 - 140)			SW846 8270C
	75	(40 - 140)	8.1	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	67	(42 - 113)			SW846 8270C
	72	(42 - 113)	6.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	66	(51 - 121)			SW846 8270C
	75	(51 - 121)	13	(0-30)	SW846 8270C
Caprolactam	81	(50 - 130)			SW846 8270C
	92	(50 - 130)	13	(0-30)	SW846 8270C
Carbazole	68	(49 - 114)			SW846 8270C
	77	(49 - 114)	12	(0-30)	SW846 8270C
4-Chloroaniline	45	(10 - 110)			SW846 8270C
	47	(10 - 110)	4.9	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**66**	**(33 - 110)**			**SW846 8270C**
	75	**(33 - 110)**	**13**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	56	(34 - 110)			SW846 8270C
	57	(34 - 110)	1.7	(0-30)	SW846 8270C
2-Chlorophenol	**50**	**(26 - 110)**			**SW846 8270C**
	46	**(26 - 110)**	**8.8**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	67	(43 - 113)			SW846 8270C
	72	(43 - 113)	7.2	(0-30)	SW846 8270C
Chrysene	63	(52 - 111)			SW846 8270C
	71	(52 - 111)	11	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	63	(35 - 118)			SW846 8270C
	74	(35 - 118)	16	(0-30)	SW846 8270C
Dibenzofuran	61	(41 - 110)			SW846 8270C
	65	(41 - 110)	7.1	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	0.0 a	(10 - 110)			SW846 8270C
	0.0 a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dichlorophenol	58	(30 - 110)			SW846 8270C
	60	(30 - 110)	3.9	(0-30)	SW846 8270C
Diethyl phthalate	69	(33 - 130)			SW846 8270C
	75	(33 - 130)	9.3	(0-30)	SW846 8270C
2,4-Dimethylphenol	49	(11 - 110)			SW846 8270C
	52	(11 - 110)	5.8	(0-30)	SW846 8270C
Dimethyl phthalate	66	(36 - 124)			SW846 8270C
	70	(36 - 124)	7.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	70	(50 - 117)			SW846 8270C
	77	(50 - 117)	10	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	38	(25 - 110)			SW846 8270C
	43	(25 - 110)	12	(0-30)	SW846 8270C
2,4-Dinitrophenol	26	(11 - 119)			SW846 8270C
	28	(11 - 119)	6.4	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**72**	**(46 - 119)**			**SW846 8270C**
	80	**(46 - 119)**	**11**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	70	(48 - 115)			SW846 8270C
	73	(48 - 115)	5.0	(0-30)	SW846 8270C
Di-n-octyl phthalate	67	(36 - 124)			SW846 8270C
	79	(36 - 124)	17	(0-30)	SW846 8270C
Fluoranthene	69	(53 - 111)			SW846 8270C
	78	(53 - 111)	10	(0-30)	SW846 8270C
Fluorene	66	(43 - 110)			SW846 8270C
	69	(43 - 110)	5.6	(0-30)	SW846 8270C
Hexachlorobenzene	61	(40 - 113)			SW846 8270C
	68	(40 - 113)	11	(0-30)	SW846 8270C
Hexachlorobutadiene	46	(14 - 110)			SW846 8270C
	50	(14 - 110)	7.1	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	12	(10 - 110)			SW846 8270C
	11	(10 - 110)	9.4	(0-30)	SW846 8270C
Hexachloroethane	46	(10 - 110)			SW846 8270C
	46	(10 - 110)	0.09	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	60	(36 - 116)			SW846 8270C
	72	(36 - 116)	17	(0-30)	SW846 8270C
Isophorone	65	(34 - 125)			SW846 8270C
	69	(34 - 125)	5.2	(0-30)	SW846 8270C
2-Methylnaphthalene	65	(35 - 110)			SW846 8270C
	68	(35 - 110)	3.8	(0-30)	SW846 8270C
2-Methylphenol	60	(26 - 110)			SW846 8270C
	60	(26 - 110)	0.80	(0-30)	SW846 8270C
4-Methylphenol	59	(25 - 110)			SW846 8270C
	61	(25 - 110)	2.8	(0-30)	SW846 8270C
Naphthalene	55	(32 - 110)			SW846 8270C
	58	(32 - 110)	4.7	(0-30)	SW846 8270C
2-Nitroaniline	55	(31 - 129)			SW846 8270C
	59	(31 - 129)	7.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	47	(23 - 112)			SW846 8270C
	55	(23 - 112)	16	(0-30)	SW846 8270C
4-Nitroaniline	36	(26 - 115)			SW846 8270C
	42	(26 - 115)	15	(0-30)	SW846 8270C
Nitrobenzene	78	(26 - 118)			SW846 8270C
	80	(26 - 118)	2.0	(0-30)	SW846 8270C
2-Nitrophenol	53	(30 - 110)			SW846 8270C
	56	(30 - 110)	4.8	(0-30)	SW846 8270C
4-Nitrophenol	**65**	**(13 - 127)**			**SW846 8270C**
	67	**(13 - 127)**	**2.9**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**61**	**(25 - 119)**			**SW846 8270C**
	61	**(25 - 119)**	**0.37**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	62	(28 - 118)			SW846 8270C
	69	(28 - 118)	11	(0-30)	SW846 8270C
Pentachlorophenol	**56**	**(23 - 110)**			**SW846 8270C**
	67	**(23 - 110)**	**17**	**(0-30)**	**SW846 8270C**
Phenanthrene	63	(47 - 110)			SW846 8270C
	68	(47 - 110)	7.5	(0-30)	SW846 8270C
Phenol	**58**	**(16 - 110)**			**SW846 8270C**
	56	**(16 - 110)**	**2.2**	**(0-30)**	**SW846 8270C**
Pyrene	**66**	**(54 - 115)**			**SW846 8270C**
	72	**(54 - 115)**	**9.2**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	61	(36 - 110)			SW846 8270C
	67	(36 - 110)	9.0	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	58	(34 - 110)			SW846 8270C
	63	(34 - 110)	8.0	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(27 - 111)
	61	(27 - 111)
2-Fluorobiphenyl	57	(28 - 110)
	55	(28 - 110)
Terphenyl-d14	74	(37 - 119)
	79	(37 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AR-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	55	(10 - 110)
	50	(10 - 110)
2-Fluorophenol	37	(10 - 110)
	22	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)
	73	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

GC Semivolatiles

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL1AL **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(27 - 130)
Decachlorobiphenyl	70	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

GC Semivolatiles

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX1AH **Matrix.....:** WG
Date Sampled...: 01/08/08 12:10 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(27 - 130)
Decachlorobiphenyl	100	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

GC Semivolatiles

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F51AH **Matrix.....:** WG
Date Sampled...: 01/08/08 13:45 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	**0.041 J**	**0.10**	**ug/L**	**0.038**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(27 - 130)
Decachlorobiphenyl	94	(10 - 127)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

GC Semivolatiles

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F61AH **Matrix.....:** WG
Date Sampled...: 01/08/08 14:00 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 960 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	63	(27 - 130)
Decachlorobiphenyl	84	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-011

GC Semivolatiles

Lot-Sample #...: A8A100126-001 **Work Order #...:** KFA1R1AA **Matrix.....:** WG
Date Sampled...: 01/08/08 10:40 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 940 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(27 - 130)
Decachlorobiphenyl	31	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-012

GC Semivolatiles

Lot-Sample #...: A8A100126-002 **Work Order #...:** KFA1W1AA **Matrix.....:** WG
Date Sampled...: 01/08/08 11:35 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 730 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	56	(27 - 130)
Decachlorobiphenyl	36	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

GC Semivolatiles

Lot-Sample #...: A8A100126-004 **Work Order #...:** KFA2L1A7 **Matrix.....:** WG
Date Sampled...: 01/09/08 09:55 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
Decachlorobiphenyl	57	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

GC Semivolatiles

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P1AE **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 920 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(27 - 130)
Decachlorobiphenyl	87	(10 - 127)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3F1AA **Matrix.....:** WATER
MB Lot-Sample #: A8A120000-023

Prep Date.....: 01/12/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 01/16/08 **Prep Batch #...:** 8012023
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.10	ug/L	SW846 8082
Aroclor 1221	ND	0.10	ug/L	SW846 8082
Aroclor 1232	ND	0.10	ug/L	SW846 8082
Aroclor 1242	ND	0.10	ug/L	SW846 8082
Aroclor 1248	ND	0.10	ug/L	SW846 8082
Aroclor 1254	ND	0.10	ug/L	SW846 8082
Aroclor 1260	ND	0.10	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(27 - 130)
Decachlorobiphenyl	105	(10 - 127)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3F1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-023
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**10**	**8.3**	**ug/L**	**83**	**SW846 8082**
Aroclor 1260	**10**	**8.6**	**ug/L**	**86**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
Decachlorobiphenyl	34	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KFF3F1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8A120000-023
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**83**	**(44 - 119)**	**SW846 8082**
Aroclor 1260	**86**	**(41 - 118)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
Decachlorobiphenyl	34	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AM-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AN-MSD
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 5 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**20**	**16**	**ug/L**	**81**		**SW846 8082**
	ND	**20**	**18**	**ug/L**	**90**	**10**	**SW846 8082**
Aroclor 1260	**ND**	**20**	**17**	**ug/L**	**87**		**SW846 8082**
	ND	**20**	**20**	**ug/L**	**99**	**13**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(27 - 130)
	75	(27 - 130)
Decachlorobiphenyl	66	(10 - 127)
	87	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8A09183 **Work Order #...:** KE9FL1AM-MS **Matrix.....:** WG
MS Lot-Sample #: A8A090183-001 KE9FL1AN-MSD
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08
Prep Date.....: 01/12/08 **Analysis Date..:** 01/16/08
Prep Batch #...: 8012023
Dilution Factor: 5 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**81**	**(10 - 166)**			**SW846 8082**
	90	**(10 - 166)**	**10**	**(0-30)**	**SW846 8082**
Aroclor 1260	**87**	**(21 - 140)**			**SW846 8082**
	99	**(21 - 140)**	**13**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(27 - 130)
	75	(27 - 130)
Decachlorobiphenyl	66	(10 - 127)
	87	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

TOTAL Metals

Lot-Sample #...: A8A090183-001 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	01/14-01/15/08	KE9FL1D1
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KE9FL1A4
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**48.7 B**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9FL1AT**
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**9.2**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1CA**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**150 J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1CE**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1CH
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**154000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1CP**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1CL
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1CT
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

TOTAL Metals

Lot-Sample #...: A8A090183-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1DW
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.3 J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9FL1A1**
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	ND	100	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1CW
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**14100 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1DE**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**39800 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1C4**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**57.0 J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1C7**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**367000**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1DL**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	**5.5 B**	**20.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1DA**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1C1
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**1.0 B**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9FL1AW**
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

TOTAL Metals

Lot-Sample #...: A8A090183-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1DH
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KE9FL1A7
		Dilution Factor: 1		Analysis Time..: 20:06	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**1.8 B**	**4.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FL1DP**
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FL1DT
		Dilution Factor: 1		Analysis Time..: 12:51	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KE9FL1D4
		Dilution Factor: 1		Analysis Time..: 13:13	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

TOTAL Metals

Lot-Sample #...: A8A090183-004 **Matrix.....:** WG
Date Sampled...: 01/08/08 12:10 **Date Received..:** 01/09/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	01/14-01/15/08	KE9FX1A0
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KE9FX1AC
		Dilution Factor: 1		Analysis Time..: 20:34	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**366**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9FX1AK**
		Dilution Factor: 1		Analysis Time..: 20:34	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1AQ
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**95.0 B,J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1AR**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1AT
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**120000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1AV**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1AU
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1AW
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

TOTAL Metals

Lot-Sample #...: A8A090183-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.9 B**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1A8**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.4 J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9FX1AA**
		Dilution Factor: 1		Analysis Time..: 20:34	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**575**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1AX**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**3740 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1A3**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**28700 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1AN**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**233 J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1AP**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**227000**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1A5**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1A2
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1AM
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	ND	2.0	ug/L	SW846 6020	01/14-01/21/08	KE9FX1AL
		Dilution Factor: 1		Analysis Time..: 20:34	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

TOTAL Metals

Lot-Sample #...: A8A090183-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1A4
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	**0.24 B**	**1.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9FX1AD**
		Dilution Factor: 1		Analysis Time..: 20:34	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**2.4 B**	**4.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9FX1A6**
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KE9FX1A7
		Dilution Factor: 1		Analysis Time..: 13:06	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KE9FX1A1
		Dilution Factor: 1		Analysis Time..: 13:18	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

TOTAL Metals

Lot-Sample #...: A8A090183-005 **Matrix.....:** WG
Date Sampled...: 01/08/08 13:45 **Date Received..:** 01/09/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	01/14-01/15/08	KE9F51A0
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KE9F51AC
		Dilution Factor: 1		Analysis Time..: 20:38	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**19.8 B**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9F51AK**
		Dilution Factor: 1		Analysis Time..: 20:38	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51AQ
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**103 J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51AR**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51AT
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**121000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51AV**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51AU
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	**1.9 B**	**7.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51AW**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

TOTAL Metals

Lot-Sample #...: A8A090183-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51A8
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**0.76 B,J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9F51AA**
		Dilution Factor: 1		Analysis Time..: 20:38	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**106**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51AX**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**7490 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51A3**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**80000 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51AN**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**87.3 J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51AP**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**1080000**	**10000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51A5**
		Dilution Factor: 10		Analysis Time..: 19:59	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5900		
Nickel	**3.2 B**	**20.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F51A2**
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51AM
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	ND	2.0	ug/L	SW846 6020	01/14-01/21/08	KE9F51AL
		Dilution Factor: 1		Analysis Time..: 20:38	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

TOTAL Metals

Lot-Sample #...: A8A090183-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51A4
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KE9F51AD
		Dilution Factor: 1		Analysis Time..: 20:38	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51A6
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F51A7
		Dilution Factor: 1		Analysis Time..: 13:11	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KE9F51A1
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

TOTAL Metals

Lot-Sample #...: A8A090183-006 **Matrix.....:** WG
Date Sampled...: 01/08/08 14:00 **Date Received..:** 01/09/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	01/14-01/15/08	KE9F61A0
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KE9F61AC
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**25.2 B**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9F61AK**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61AQ
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**102 J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61AR**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61AT
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**119000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61AV**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61AU
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61AW
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

TOTAL Metals

Lot-Sample #...: A8A090183-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61A8
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**0.98 B,J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KE9F61AA**
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**82.5 B**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61AX**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**7550 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61A3**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**77700 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61AN**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**89.8 J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61AP**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**1040000**	**10000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61A5**
		Dilution Factor: 10		Analysis Time..: 20:04	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5900		
Nickel	**4.3 B**	**20.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KE9F61A2**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61AM
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	ND	2.0	ug/L	SW846 6020	01/14-01/21/08	KE9F61AL
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

TOTAL Metals

Lot-Sample #...: A8A090183-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61A4
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KE9F61AD
		Dilution Factor: 1		Analysis Time..: 20:42	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61A6
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KE9F61A7
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KE9F61A1
		Dilution Factor: 1		Analysis Time..: 13:09	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

TOTAL Metals

Lot-Sample #...: A8A100126-003 **Matrix.....:** WG
Date Sampled...: 01/09/08 09:15 **Date Received..:** 01/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	**0.0099**	**0.0050**	**mg/L**	**SW846 7196A**	**01/14-01/15/08**	**KFA131A5**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KFA131AH
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**929**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA131AE**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131AK
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**448 J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131AL**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131AM
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**221000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131AP**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131AN
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131AQ
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

TOTAL Metals

Lot-Sample #...: A8A100126-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**41.4**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131A4**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**7.5 J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA131AG**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**102**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131AR**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**20900 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131AX**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**112 B,J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131AU**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**2.5 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131AV**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**277000**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131A1**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131AW
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131AT
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**1.9 B**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA131AF**
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

TOTAL Metals

Lot-Sample #...: A8A100126-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131A0
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KFA131AJ
		Dilution Factor: 1		Analysis Time..: 20:46	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**7.2**	**4.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA131A2**
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFA131A3
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KFA131A6
		Dilution Factor: 1		Analysis Time..: 13:19	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

TOTAL Metals

Lot-Sample #...: A8A100126-004 **Matrix.....:** WG
Date Sampled...: 01/09/08 09:55 **Date Received..:** 01/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	01/14-01/15/08	KFA2L1AG
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KFA2L1AQ
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**927**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA2L1AM**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	**49.3**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1AT**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**46.0 B,J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1AU**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2L1AV
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**107000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1AX**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2L1AW
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2L1A0
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

TOTAL Metals

Lot-Sample #...: A8A100126-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**7.5**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1AF**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**7.2 J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA2L1AP**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**767**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1A1**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**18200 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1A6**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**244 B,J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1A3**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**11.1 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1A4**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**1290000**	**10000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1AC**
		Dilution Factor: 10		Analysis Time..: 20:09	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5900		
Nickel	**3.3 B**	**20.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1A5**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2L1A2
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.80 B**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA2L1AN**
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

TOTAL Metals

Lot-Sample #...: A8A100126-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2L1AA
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KFA2L1AR
		Dilution Factor: 1		Analysis Time..: 20:50	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**48.8**	**4.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2L1AD**
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2L1AE
		Dilution Factor: 1		Analysis Time..: 13:25	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KFA2L1AH
		Dilution Factor: 1		Analysis Time..: 13:22	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

TOTAL Metals

Lot-Sample #...: A8A100126-005 **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014017						
Trivalent Chromium	**0.0076**	**0.0050**	**mg/L**	**SW846 7196A**	**01/14-01/15/08**	**KFA2P1A7**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.0050		
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KFA2P1AK
		Dilution Factor: 1		Analysis Time..: 20:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**325**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA2P1AG**
		Dilution Factor: 1		Analysis Time..: 20:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1AM
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**8.1 B,J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1AN**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1AP
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**22500 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1AR**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1AQ
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1AT
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

TOTAL Metals

Lot-Sample #...: A8A100126-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**7.6**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1A6**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**2.4 J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA2P1AJ**
		Dilution Factor: 1		Analysis Time..: 20:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**783**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1AU**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**2460 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1A1**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**3590 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1AW**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**10.8 B,J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1AX**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**66800**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1A3**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1A0
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1AV
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**1.7 B**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA2P1AH**
		Dilution Factor: 1		Analysis Time..: 20:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

TOTAL Metals

Lot-Sample #...: A8A100126-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1A2
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KFA2P1AL
		Dilution Factor: 1		Analysis Time..: 20:54	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**3.3 B**	**4.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA2P1A4**
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFA2P1A5
		Dilution Factor: 1		Analysis Time..: 13:44	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KFA2P1A8
		Dilution Factor: 1		Analysis Time..: 13:23	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-017

TOTAL Metals

Lot-Sample #...: A8A100126-007 **Matrix.....:** WG
Date Sampled...: 01/09/08 12:10 **Date Received..:** 01/10/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8014018						
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KFA231AF
		Dilution Factor: 1		Analysis Time..: 20:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**148**	**50.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA231AC**
		Dilution Factor: 1		Analysis Time..: 20:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA231AH
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Barium	**119 J**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AJ**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA231AK
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.46		
Calcium	**148000 J**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AM**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFA231AL
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.66		
Cobalt	**2.1 B**	**7.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AN**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.7		
Chromium	**2.6 B**	**5.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231A2**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 2.2		
Copper	**3.9 J**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA231AE**
		Dilution Factor: 1		Analysis Time..: 20:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-017

TOTAL Metals

Lot-Sample #...: A8A100126-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	**346**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AP**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	**4940 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AV**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**80500 J**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AR**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**254 J**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AT**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**84200**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AX**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 590		
Nickel	**9.4 B**	**20.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231AU**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KFA231AQ
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 1.9		
Antimony	**0.14 B**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFA231AD**
		Dilution Factor: 1		Analysis Time..: 20:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFA231AW
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KFA231AG
		Dilution Factor: 1		Analysis Time..: 20:58	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-017

TOTAL Metals

Lot-Sample #...: A8A100126-007 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	ND	4.0	ug/L	SW846 6010B	01/14-01/15/08	KFA231A0
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 0.64		
Zinc	**21.5**	**20.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFA231A1**
		Dilution Factor: 1		Analysis Time..: 13:49	Analyst ID.....: 001644	
		Instrument ID..: I5		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KFA231A3
		Dilution Factor: 1		Analysis Time..: 13:20	Analyst ID.....: 001086	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8A140000-018 **Prep Batch #...:** 8014018						
Aluminum	ND	50.0	ug/L	SW846 6020	01/14-01/21/08	KFG3G1AA
		Dilution Factor: 1				
		Analysis Time..: 19:27	Analyst ID.....: 002260		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	01/14-01/21/08	KFG3G1AC
		Dilution Factor: 1				
		Analysis Time..: 19:27	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AG
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Barium	**1.2 B**	**100**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFG3G1AH**
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Beryllium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AJ
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Cadmium	ND	1.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AK
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Calcium	**292 B**	**5000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFG3G1AL**
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Chromium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1A1
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Cobalt	ND	7.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AM
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	
Copper	**0.54 B**	**2.0**	**ug/L**	**SW846 6020**	**01/14-01/21/08**	**KFG3G1AD**
		Dilution Factor: 1				
		Analysis Time..: 19:27	Analyst ID.....: 002260		Instrument ID..: I8	
Iron	ND	100	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AN
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644		Instrument ID..: I5	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AP
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Magnesium	**69.0 B**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFG3G1AQ**
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Manganese	**0.49 B**	**15.0**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFG3G1AR**
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Nickel	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AT
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Potassium	**177 B**	**1000**	**ug/L**	**SW846 6010B**	**01/14-01/15/08**	**KFG3G1AU**
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Selenium	ND	5.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AV
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Silver	ND	0.20	ug/L	SW846 6020	01/14-01/21/08	KFG3G1AE
		Dilution Factor: 1				
		Analysis Time..: 19:27	Analyst ID.....: 002260	Instrument ID..: I8		
Sodium	ND	1000	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AW
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Thallium	ND	1.0	ug/L	SW846 6020	01/14-01/21/08	KFG3G1AF
		Dilution Factor: 1				
		Analysis Time..: 19:27	Analyst ID.....: 002260	Instrument ID..: I8		
Vanadium	ND	4.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1AX
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Zinc	ND	20.0	ug/L	SW846 6010B	01/14-01/15/08	KFG3G1A0
		Dilution Factor: 1				
		Analysis Time..: 11:53	Analyst ID.....: 001644	Instrument ID..: I5		
Mercury	ND	0.20	ug/L	SW846 7470A	01/14-01/15/08	KFG3G1EH
		Dilution Factor: 1				
		Analysis Time..: 12:56	Analyst ID.....: 001086	Instrument ID..: H4		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8A140000-018 **Prep Batch #...:** 8014018							
Aluminum	1000	1040	ug/L	104	SW846 6020	01/14-01/21/08	KFG3G1A3
			Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 002260	
			Instrument ID..: I8				
Antimony	100	99.2	ug/L	99	SW846 6020	01/14-01/21/08	KFG3G1A4
			Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 002260	
			Instrument ID..: I8				
Copper	100	102	ug/L	102	SW846 6020	01/14-01/21/08	KFG3G1A5
			Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 002260	
			Instrument ID..: I8				
Silver	100	104	ug/L	104	SW846 6020	01/14-01/21/08	KFG3G1A6
			Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	100	97.9	ug/L	98	SW846 6020	01/14-01/21/08	KFG3G1A7
			Dilution Factor: 1		Analysis Time..: 19:31	Analyst ID.....: 002260	
			Instrument ID..: I8				
Arsenic	2000	1750	ug/L	88	SW846 6010B	01/14-01/15/08	KFG3G1A8
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Barium	2000	1820	ug/L	91	SW846 6010B	01/14-01/15/08	KFG3G1A9
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Beryllium	50.0	46.6	ug/L	93	SW846 6010B	01/14-01/15/08	KFG3G1CA
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Cadmium	50.0	44.7	ug/L	89	SW846 6010B	01/14-01/15/08	KFG3G1CC
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Calcium	50000	45500	ug/L	91	SW846 6010B	01/14-01/15/08	KFG3G1CD
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	448	ug/L	90	SW846 6010B	01/14-01/15/08	KFG3G1CE
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Iron	1000	949	ug/L	95	SW846 6010B	01/14-01/15/08	KFG3G1CF
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Lead	500	441	ug/L	88	SW846 6010B	01/14-01/15/08	KFG3G1CG
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Magnesium	50000	44600	ug/L	89	SW846 6010B	01/14-01/15/08	KFG3G1CH
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Manganese	500	466	ug/L	93	SW846 6010B	01/14-01/15/08	KFG3G1CJ
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Nickel	500	447	ug/L	89	SW846 6010B	01/14-01/15/08	KFG3G1CK
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Potassium	50000	46100	ug/L	92	SW846 6010B	01/14-01/15/08	KFG3G1CL
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Selenium	2000	1820	ug/L	91	SW846 6010B	01/14-01/15/08	KFG3G1CM
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Sodium	50000	43900	ug/L	88	SW846 6010B	01/14-01/15/08	KFG3G1CN
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Vanadium	500	444	ug/L	89	SW846 6010B	01/14-01/15/08	KFG3G1CP
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Zinc	500	468	ug/L	94	SW846 6010B	01/14-01/15/08	KFG3G1CQ
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	178	ug/L	89	SW846 6010B	01/14-01/15/08	KFG3G1CR
			Dilution Factor: 1		Analysis Time..: 11:57	Analyst ID.....: 001644	
			Instrument ID..: I5				
Mercury	5.0	4.8	ug/L	96	SW846 7470A	01/14-01/15/08	KFG3G1CT
			Dilution Factor: 1		Analysis Time..: 12:58	Analyst ID.....: 001086	
			Instrument ID..: H4				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8A140000-018 **Prep Batch #...:** 8014018					
Aluminum	104	(77 - 123)	SW846 6020	01/14-01/21/08	KFG3G1A3
		Dilution Factor: 1	Analysis Time..: 19:31	Analyst ID.....: 002260	
		Instrument ID..: I8			
Antimony	99	(57 - 110)	SW846 6020	01/14-01/21/08	KFG3G1A4
		Dilution Factor: 1	Analysis Time..: 19:31	Analyst ID.....: 002260	
		Instrument ID..: I8			
Copper	102	(82 - 113)	SW846 6020	01/14-01/21/08	KFG3G1A5
		Dilution Factor: 1	Analysis Time..: 19:31	Analyst ID.....: 002260	
		Instrument ID..: I8			
Silver	104	(83 - 111)	SW846 6020	01/14-01/21/08	KFG3G1A6
		Dilution Factor: 1	Analysis Time..: 19:31	Analyst ID.....: 002260	
		Instrument ID..: I8			
Thallium	98	(82 - 113)	SW846 6020	01/14-01/21/08	KFG3G1A7
		Dilution Factor: 1	Analysis Time..: 19:31	Analyst ID.....: 002260	
		Instrument ID..: I8			
Arsenic	88	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1A8
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Barium	91	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1A9
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Beryllium	93	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CA
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Cadmium	89	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CC
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Calcium	91	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CD
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	90	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CE
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Iron	95	(77 - 122)	SW846 6010B	01/14-01/15/08	KFG3G1CF
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Lead	88	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CG
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Magnesium	89	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CH
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Manganese	93	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CJ
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Nickel	89	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CK
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Potassium	92	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CL
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Selenium	91	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CM
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CN
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Vanadium	89	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CP
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			
Zinc	94	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CQ
		Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644	
		Instrument ID..: I5			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	89	(80 - 120)	SW846 6010B	01/14-01/15/08	KFG3G1CR
	Dilution Factor: 1	Analysis Time..: 11:57	Analyst ID.....: 001644		
	Instrument ID..: I5				
Mercury	96	(81 - 123)	SW846 7470A	01/14-01/15/08	KFG3G1CT
	Dilution Factor: 1	Analysis Time..: 12:58	Analyst ID.....: 001086		
	Instrument ID..: H4				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8A090183-001 **Prep Batch #...:** 8014018									
Aluminum									
	48.7	1000	1060	ug/L	101		SW846 6020	01/14-01/21/08	KE9FL1AU
	48.7	1000	1040	ug/L	100	1.4	SW846 6020	01/14-01/21/08	KE9FL1AV
			Dilution Factor: 1						
			Analysis Time..: 20:21		Instrument ID..: I8			Analyst ID.....: 002260	
Antimony									
	1.0	100	96.0	ug/L	95		SW846 6020	01/14-01/21/08	KE9FL1AX
	1.0	100	99.5	ug/L	99	3.6	SW846 6020	01/14-01/21/08	KE9FL1A0
			Dilution Factor: 1						
			Analysis Time..: 20:21		Instrument ID..: I8			Analyst ID.....: 002260	
Arsenic									
	9.2	2000	2060	ug/L	103		SW846 6010B	01/14-01/15/08	KE9FL1CC
	9.2	2000	2030	ug/L	101	1.5	SW846 6010B	01/14-01/15/08	KE9FL1CD
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Barium									
	150	2000	2310	ug/L	108		SW846 6010B	01/14-01/15/08	KE9FL1CF
	150	2000	2270	ug/L	106	1.9	SW846 6010B	01/14-01/15/08	KE9FL1CG
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Beryllium									
	ND	50.0	53.1	ug/L	106		SW846 6010B	01/14-01/15/08	KE9FL1CJ
	ND	50.0	52.4	ug/L	105	1.4	SW846 6010B	01/14-01/15/08	KE9FL1CK
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Cadmium									
	ND	50.0	50.6	ug/L	101		SW846 6010B	01/14-01/15/08	KE9FL1CM
	ND	50.0	50.3	ug/L	101	0.55	SW846 6010B	01/14-01/15/08	KE9FL1CN
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Calcium									
	154000	50000	212000	ug/L	117		SW846 6010B	01/14-01/15/08	KE9FL1CQ
	154000	50000	208000	ug/L	109	1.8	SW846 6010B	01/14-01/15/08	KE9FL1CR
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	205	ug/L	103		SW846 6010B	01/14-01/15/08	KE9FL1DX
	ND	200	203	ug/L	101	1.4	SW846 6010B	01/14-01/15/08	KE9FL1D0
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Cobalt									
	ND	500	517	ug/L	103		SW846 6010B	01/14-01/15/08	KE9FL1CU
	ND	500	509	ug/L	102	1.6	SW846 6010B	01/14-01/15/08	KE9FL1CV
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Copper									
	2.3	100	96.6	ug/L	94		SW846 6020	01/14-01/21/08	KE9FL1A2
	2.3	100	95.9	ug/L	94	0.69	SW846 6020	01/14-01/21/08	KE9FL1A3
			Dilution Factor: 1						
			Analysis Time..: 20:21		Instrument ID..: I8			Analyst ID.....: 002260	
Iron									
	ND	1000	1150	ug/L	115		SW846 6010B	01/14-01/15/08	KE9FL1CX
	ND	1000	1130	ug/L	113	1.6	SW846 6010B	01/14-01/15/08	KE9FL1C0
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Lead									
	ND	500	507	ug/L	101		SW846 6010B	01/14-01/15/08	KE9FL1C2
	ND	500	498	ug/L	100	1.8	SW846 6010B	01/14-01/15/08	KE9FL1C3
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Magnesium									
	39800	50000	94700	ug/L	110		SW846 6010B	01/14-01/15/08	KE9FL1C5
	39800	50000	93200	ug/L	107	1.6	SW846 6010B	01/14-01/15/08	KE9FL1C6
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Manganese									
	57.0	500	604	ug/L	109		SW846 6010B	01/14-01/15/08	KE9FL1C8
	57.0	500	594	ug/L	107	1.7	SW846 6010B	01/14-01/15/08	KE9FL1C9
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	5.5	500	511	ug/L	101		SW846 6010B	01/14-01/15/08	KE9FL1DC
	5.5	500	502	ug/L	99	1.8	SW846 6010B	01/14-01/15/08	KE9FL1DD
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Potassium									
	14100	50000	73500	ug/L	119		SW846 6010B	01/14-01/15/08	KE9FL1DF
	14100	50000	72000	ug/L	116	2.1	SW846 6010B	01/14-01/15/08	KE9FL1DG
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Selenium									
	ND	2000	2110	ug/L	106		SW846 6010B	01/14-01/15/08	KE9FL1DJ
	ND	2000	2080	ug/L	104	1.6	SW846 6010B	01/14-01/15/08	KE9FL1DK
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Silver									
	ND	100	91.8	ug/L	92		SW846 6020	01/14-01/21/08	KE9FL1A5
	ND	100	96.0	ug/L	96	4.5	SW846 6020	01/14-01/21/08	KE9FL1A6
			Dilution Factor: 1						
			Analysis Time..: 20:21		Instrument ID..: I8			Analyst ID.....: 002260	
Sodium									
	367000	50000	440000	ug/L			SW846 6010B	01/14-01/15/08	KE9FL1DM
			Qualifiers: NC,MSB						
	367000	50000	431000	ug/L			SW846 6010B	01/14-01/15/08	KE9FL1DN
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Thallium									
	ND	100	101	ug/L	101		SW846 6020	01/14-01/21/08	KE9FL1A8
	ND	100	102	ug/L	102	0.98	SW846 6020	01/14-01/21/08	KE9FL1A9
			Dilution Factor: 1						
			Analysis Time..: 20:21		Instrument ID..: I8			Analyst ID.....: 002260	
Vanadium									
	1.8	500	518	ug/L	103		SW846 6010B	01/14-01/15/08	KE9FL1DQ
	1.8	500	510	ug/L	102	1.6	SW846 6010B	01/14-01/15/08	KE9FL1DR
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	546	ug/L	109		SW846 6010B	01/14-01/15/08	KE9FL1DU
	ND	500	537	ug/L	107	1.6	SW846 6010B	01/14-01/15/08	KE9FL1DV
			Dilution Factor: 1						
			Analysis Time..: 12:56		Instrument ID..: I5			Analyst ID.....: 001644	
Mercury									
	ND	1.0	0.98	ug/L	98		SW846 7470A	01/14-01/15/08	KE9FL1D5
	ND	1.0	1.0	ug/L	102	3.4	SW846 7470A	01/14-01/15/08	KE9FL1D6
			Dilution Factor: 1						
			Analysis Time..: 13:15		Instrument ID..: H4			Analyst ID.....: 001086	

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8A090183-001 **Prep Batch #...:** 8014018							
Aluminum	101	(63 - 128)			SW846 6020	01/14-01/21/08	KE9FL1AU
	100	(63 - 128)	1.4	(0-20)	SW846 6020	01/14-01/21/08	KE9FL1AV
		Dilution Factor: 1					
		Analysis Time..: 20:21			Instrument ID..: I8	Analyst ID.....: 002260	
Antimony	95	(44 - 153)			SW846 6020	01/14-01/21/08	KE9FL1AX
	99	(44 - 153)	3.6	(0-20)	SW846 6020	01/14-01/21/08	KE9FL1A0
		Dilution Factor: 1					
		Analysis Time..: 20:21			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	103	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CC
	101	(75 - 125)	1.5	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1CD
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Barium	108	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CF
	106	(75 - 125)	1.9	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1CG
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Beryllium	106	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CJ
	105	(75 - 125)	1.4	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1CK
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Cadmium	101	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CM
	101	(75 - 125)	0.55	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1CN
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Calcium	117	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CQ
	109	(75 - 125)	1.8	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1CR
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Chromium	103	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DX
	101	(75 - 125)	1.4	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1D0
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	103	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CU
	102	(75 - 125)	1.6	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1CV
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Copper	94	(60 - 123)			SW846 6020	01/14-01/21/08	KE9FL1A2
	94	(60 - 123)	0.69	(0-20)	SW846 6020	01/14-01/21/08	KE9FL1A3
		Dilution Factor: 1					
		Analysis Time..: 20:21			Instrument ID..: I8	Analyst ID.....: 002260	
Iron	115	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1CX
	113	(75 - 125)	1.6	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1C0
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Lead	101	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1C2
	100	(75 - 125)	1.8	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1C3
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Magnesium	110	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1C5
	107	(75 - 125)	1.6	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1C6
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Manganese	109	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1C8
	107	(75 - 125)	1.7	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1C9
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Nickel	101	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DC
	99	(75 - 125)	1.8	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1DD
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Potassium	119	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DF
	116	(75 - 125)	2.1	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1DG
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Selenium	106	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DJ
	104	(75 - 125)	1.6	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1DK
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	92	(10 - 139)			SW846 6020	01/14-01/21/08	KE9FL1A5
	96	(10 - 139)	4.5	(0-20)	SW846 6020	01/14-01/21/08	KE9FL1A6
		Dilution Factor: 1					
		Analysis Time..: 20:21			Instrument ID..: I8	Analyst ID.....: 002260	
Sodium	NC,MSB	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1DN
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Thallium	101	(69 - 117)			SW846 6020	01/14-01/21/08	KE9FL1A8
	102	(69 - 117)	0.98	(0-20)	SW846 6020	01/14-01/21/08	KE9FL1A9
		Dilution Factor: 1					
		Analysis Time..: 20:21			Instrument ID..: I8	Analyst ID.....: 002260	
Vanadium	103	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DQ
	102	(75 - 125)	1.6	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1DR
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Zinc	109	(75 - 125)			SW846 6010B	01/14-01/15/08	KE9FL1DU
	107	(75 - 125)	1.6	(0-20)	SW846 6010B	01/14-01/15/08	KE9FL1DV
		Dilution Factor: 1					
		Analysis Time..: 12:56			Instrument ID..: I5	Analyst ID.....: 001644	
Mercury	98	(69 - 134)			SW846 7470A	01/14-01/15/08	KE9FL1D5
	102	(69 - 134)	3.4	(0-20)	SW846 7470A	01/14-01/15/08	KE9FL1D6
		Dilution Factor: 1					
		Analysis Time..: 13:15			Instrument ID..: H4	Analyst ID.....: 001086	

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-010

General Chemistry

Lot-Sample #...: A8A090183-001 **Work Order #...:** KE9FL **Matrix.....:** WG
Date Sampled...: 01/08/08 11:05 **Date Received..:** 01/09/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	01/10/08	8010399
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-013

General Chemistry

Lot-Sample #...: A8A090183-004 **Work Order #...:** KE9FX **Matrix.....:** WG
Date Sampled...: 01/08/08 12:10 **Date Received..:** 01/09/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	01/10/08	8010399
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-014

General Chemistry

Lot-Sample #...: A8A090183-005 **Work Order #...:** KE9F5 **Matrix.....:** WG
Date Sampled...: 01/08/08 13:45 **Date Received..:** 01/09/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	01/10/08	8010399
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010808-CB-015

General Chemistry

Lot-Sample #...: A8A090183-006 **Work Order #...:** KE9F6 **Matrix.....:** WG
Date Sampled...: 01/08/08 14:00 **Date Received..:** 01/09/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	01/10/08	8010399
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-011

General Chemistry

Lot-Sample #...: A8A100126-003 **Work Order #...:** KFA13 **Matrix.....:** WG
Date Sampled...: 01/09/08 09:15 **Date Received..:** 01/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	01/16/08	8016393
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	**0.03**	**0.01**	**mg/L**	**SW846 7196A**	**01/10/08**	**8010345**
	Dilution Factor: 1			MDL.....: 0.005		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-012

General Chemistry

Lot-Sample #...: A8A100126-004 **Work Order #...:** KFA2L **Matrix.....:** WG
Date Sampled...: 01/09/08 09:55 **Date Received..:** 01/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	**NR**	**0.0050**	**mg/L**	**SW846 9012A**	**01/16/08**	**8016393**
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	**0.008 B**	**0.01**	**mg/L**	**SW846 7196A**	**01/10/08**	**8010345**
	Dilution Factor: 1			MDL.....: 0.005		

NOTE(S):

RL Reporting Limit

NR Not reportable.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-010908-CB-016

General Chemistry

Lot-Sample #...: A8A100126-005 **Work Order #...:** KFA2P **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	01/16/08	8016393
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	01/10/08	8010345
	Dilution Factor: 1			MDL.....: 0.005		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	Work Order #: KFDCQ1AA			MB Lot-Sample #:	A8A100000-399	
	ND	0.0050	mg/L	SW846 9012A	01/10/08	8010399
	Dilution Factor: 1					
Cyanide Amenable to Chlorination	Work Order #: KFM6F1AA			MB Lot-Sample #:	A8A160000-393	
	ND	0.0050	mg/L	SW846 9012A	01/16/08	8016393
	Dilution Factor: 1					
Hexavalent Chromium	Work Order #: KE94H1AA			MB Lot-Sample #:	A8A090000-302	
	ND	0.01	mg/L	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1					
Hexavalent Chromium	Work Order #: KFC0T1AA			MB Lot-Sample #:	A8A100000-345	
	ND	0.01	mg/L	SW846 7196A	01/10/08	8010345
	Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	Work Order #: KFDCQ1AC			LCS Lot-Sample#: A8A100000-399			
	0.66	0.46	mg/L	70	SW846 9012A	01/10/08	8010399
	Dilution Factor: 1						
Cyanide Amenable to Chlorination	Work Order #: KFM6F1AC			LCS Lot-Sample#: A8A160000-393			
	0.66	0.62	mg/L	94	SW846 9012A	01/16/08	8016393
	Dilution Factor: 1						
Hexavalent Chromium	Work Order #: KE94H1AC			LCS Lot-Sample#: A8A090000-302			
	0.25	0.27	mg/L	109	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1						
Hexavalent Chromium	Work Order #: KFC0T1AC			LCS Lot-Sample#: A8A100000-345			
	0.25	0.26	mg/L	103	SW846 7196A	01/10/08	8010345
	Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 8A09183 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination		Work Order #: KFDCQ1AC	LCS Lot-Sample#: A8A100000-399		
	70	(62 - 118)	SW846 9012A	01/10/08	8010399
		Dilution Factor: 1			
Cyanide Amenable to Chlorination		Work Order #: KFM6F1AC	LCS Lot-Sample#: A8A160000-393		
	94	(62 - 118)	SW846 9012A	01/16/08	8016393
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KE94H1AC	LCS Lot-Sample#: A8A090000-302		
	109	(80 - 118)	SW846 7196A	01/09/08	8009302
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KFC0T1AC	LCS Lot-Sample#: A8A100000-345		
	103	(80 - 118)	SW846 7196A	01/10/08	8010345
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium			WO#: KE9FL1AC-MS/KE9FL1AD-MSD		MS Lot-Sample #: A8A090183-001				
	ND	0.25	0.23	mg/L	91		SW846 7196A	01/09/08	8009302
	ND	0.25	0.26	mg/L	106	14	SW846 7196A	01/09/08	8009302
			Dilution Factor: 1						
Hexavalent Chromium			WO#: KFA2P1A9-MS/KFA2P1CA-MSD		MS Lot-Sample #: A8A100126-005				
	ND	0.25	0.28	mg/L	110		SW846 7196A	01/10/08	8010345
	ND	0.25	0.28	mg/L	111	0.47	SW846 7196A	01/10/08	8010345
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 8A09183 **Matrix.....:** WG
Date Sampled...: 01/09/08 10:40 **Date Received..:** 01/10/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	WO#: KE9FL1AC-MS/KE9FL1AD-MSD					MS Lot-Sample #: A8A090183-001	
	91	(41 - 136)			SW846 7196A	01/09/08	8009302
	106	(41 - 136)	14	(0-20)	SW846 7196A	01/09/08	8009302
	Dilution Factor: 1						
Hexavalent Chromium	WO#: KFA2P1A9-MS/KFA2P1CA-MSD					MS Lot-Sample #: A8A100126-005	
	110	(41 - 136)			SW846 7196A	01/10/08	8010345
	111	(41 - 136)	0.47	(0-20)	SW846 7196A	01/10/08	8010345
	Dilution Factor: 1						

NOTE(S):

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

END OF REPORT

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

PROJECT NO. 17322

GM VALIDATION SSOW# E111021
SDG #: 8D08112

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
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TESTAMERICA LABORATORIES, INC.

Denise Heckler

Denise D. Heckler
Project Manager

May 1, 2008

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CASE NARRATIVE

CASE NARRATIVE

8D08112

The following report contains the analytical results for seven water samples and two quality control samples submitted to TestAmerica North Canton by Conestoga-Rovers & Associates, Inc. from the GM VALIDATION SSOW# E111021 Site, project number 17322. The samples were received April 08, 2008 and April 09, 2008, according to documented sample acceptance procedures.

This SDG consists of (2) laboratory ID's: A8D080112 and A8D090146.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North 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 applicable 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.

Any reference within this document to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.)

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.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise D. Heckler, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 0.4, 1.3, 1.6, and 3.5°C.

GC/MS VOLATILES

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

The matrix spike/matrix spike duplicate(s) for GW-17322-040808-CB-006 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 8107215 and 8112091 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

GC/MS SEMIVOLATILES

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

CASE NARRATIVE (continued)

GC/MS SEMIVOLATILES (continued)

The matrix spike/matrix spike duplicate(s) for GW-17322-040808-CB-006 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Sample(s) GW-17322-040708-CB-004 had elevated reporting limits due to limited initial volume.

POLYCHLORINATED BIPHENYLS-8082

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "B". All target analytes in the Method Blank must be below the reporting limit (RL) or the associated sample(s) must be ND with the exception of common laboratory contaminants.

The sample(s) that contain results between the MDL and the RL were flagged with "J". There is a possibility of false positive or mis-identification at these quantitation levels. In analytical methods requiring confirmation of the analyte reported, confirmation was performed only down to the standard reporting limit (SRL). The acceptance criteria for QC samples may not be met at these quantitation levels.

METALS

The sample(s) that contain results between the MDL and the RL were flagged with "B". There is the possibility of false positive or mis-identification at these quantitation levels. The acceptance criteria for the ICB, CCB, and Method Blank are +/- the standard reporting limit (SRL).

The sample(s) that contained concentrations of target analyte(s) at a reportable level in the associated Method Blank(s) were flagged with "J". Refer to the sample report pages for the affected analyte(s).

Matrix spike recovery and relative percent difference (RPD) data were not calculated for some analytes for GW-17322-040808-CB-006 due to the sample concentration reading greater than four times the spike amount. See the Matrix Spike Report for the affected analytes which will be flagged with "NC, MSB".

The matrix spike/matrix spike duplicate(s) for GW-17322-040808-CB-006 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

CASE NARRATIVE (continued)

METALS (continued)

No ICP Trace Form IX was provided for batch(es) 8105014. The serial dilution was performed on a different sample from the same QC batch(es).

GENERAL CHEMISTRY

The analytical results met the requirements of the laboratory's QA/QC program.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica North Canton conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

8D08112 : A8D080112

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-040708-CB-001 04/07/08 10:25 001				
Aluminum	157	50.0	ug/L	SW846 6020
Copper	2.3 J	2.0	ug/L	SW846 6020
Antimony	0.78 B	2.0	ug/L	SW846 6020
Mercury	0.12 B	0.20	ug/L	SW846 7470A
Barium	46.7 B	100	ug/L	SW846 6010B
Calcium	73200 J	5000	ug/L	SW846 6010B
Chromium	3.3 B	5.0	ug/L	SW846 6010B
Iron	1080	100	ug/L	SW846 6010B
Potassium	5320	1000	ug/L	SW846 6010B
Magnesium	24500 J	1000	ug/L	SW846 6010B
Manganese	91.7	15.0	ug/L	SW846 6010B
Sodium	165000	1000	ug/L	SW846 6010B
Selenium	5.4	5.0	ug/L	SW846 6010B
Vanadium	2.1 B	4.0	ug/L	SW846 6010B
Acetone	1.2 J	25	ug/L	SW846 8260B
4-Methyl-2-pentanone	0.79 J	50	ug/L	SW846 8260B
GW-17322-040708-CB-002 04/07/08 11:30 002				
Aluminum	172	50.0	ug/L	SW846 6020
Copper	1.3 B,J	2.0	ug/L	SW846 6020
Antimony	0.17 B	2.0	ug/L	SW846 6020
Barium	111	100	ug/L	SW846 6010B
Calcium	141000 J	5000	ug/L	SW846 6010B
Iron	539	100	ug/L	SW846 6010B
Potassium	4550	1000	ug/L	SW846 6010B
Magnesium	32100 J	1000	ug/L	SW846 6010B
Manganese	595	15.0	ug/L	SW846 6010B
Sodium	365000	1000	ug/L	SW846 6010B
Lead	22.5	3.0	ug/L	SW846 6010B
Zinc	7.2 B	20.0	ug/L	SW846 6010B
Cyanide Amenable to Chlorination	0.020	0.0050	mg/L	SW846 9012A
GW-17322-040708-CB-003 04/07/08 13:20 003				
Aluminum	92.8	50.0	ug/L	SW846 6020
Copper	1.4 B,J	2.0	ug/L	SW846 6020
Antimony	0.39 B	2.0	ug/L	SW846 6020
Mercury	0.12 B	0.20	ug/L	SW846 7470A
Barium	43.5 B	100	ug/L	SW846 6010B
Calcium	164000 J	5000	ug/L	SW846 6010B
Iron	166	100	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8D08112 : A8D080112

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-040708-CB-003 04/07/08 13:20 003				
Potassium	22800	1000	ug/L	SW846 6010B
Magnesium	56400 J	1000	ug/L	SW846 6010B
Manganese	238	15.0	ug/L	SW846 6010B
Sodium	44400	1000	ug/L	SW846 6010B
Lead	2.5 B	3.0	ug/L	SW846 6010B
GW-17322-040708-CB-004 04/07/08 14:40 004				
Aroclor 1260	0.076 J,B	0.10	ug/L	SW846 8082
Aluminum	459	50.0	ug/L	SW846 6020
Copper	4.1 J	2.0	ug/L	SW846 6020
Antimony	0.51 B	2.0	ug/L	SW846 6020
Barium	90.8 B	100	ug/L	SW846 6010B
Calcium	118000 J	5000	ug/L	SW846 6010B
Cobalt	13.3	7.0	ug/L	SW846 6010B
Chromium	2.4 B	5.0	ug/L	SW846 6010B
Iron	1250	100	ug/L	SW846 6010B
Potassium	5990	1000	ug/L	SW846 6010B
Magnesium	29800 J	1000	ug/L	SW846 6010B
Manganese	475	15.0	ug/L	SW846 6010B
Sodium	593000	5000	ug/L	SW846 6010B
Nickel	8.6 B	20.0	ug/L	SW846 6010B
Zinc	31.4	20.0	ug/L	SW846 6010B
Acenaphthene	0.66	0.36	ug/L	SW846 8270C
Anthracene	1.3	0.36	ug/L	SW846 8270C
Benzo(a)anthracene	3.4	0.36	ug/L	SW846 8270C
Benzo(a)pyrene	3.3	0.36	ug/L	SW846 8270C
Benzo(b)fluoranthene	4.1	0.36	ug/L	SW846 8270C
Benzo(ghi)perylene	2.2	0.36	ug/L	SW846 8270C
Benzo(k)fluoranthene	1.7	0.36	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	0.90 J	1.8	ug/L	SW846 8270C
Carbazole	0.97 J	1.8	ug/L	SW846 8270C
Chrysene	3.3	0.36	ug/L	SW846 8270C
Dibenz(a,h)anthracene	0.61	0.36	ug/L	SW846 8270C
Di-n-butyl phthalate	0.73 J	1.8	ug/L	SW846 8270C
Fluoranthene	8.4	0.36	ug/L	SW846 8270C
Fluorene	0.72	0.36	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	2.0	0.36	ug/L	SW846 8270C
Phenanthrene	5.8	0.36	ug/L	SW846 8270C
Pyrene	6.3	0.36	ug/L	SW846 8270C
Chloroform	17 J	77	ug/L	SW846 8260B
1,1-Dichloroethane	230	77	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8D08112 : A8D080112

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-040708-CB-004 04/07/08 14:40 004				
1,1-Dichloroethene	57 J	77	ug/L	SW846 8260B
cis-1,2-Dichloroethene	76 J	77	ug/L	SW846 8260B
Methylene chloride	25 J,B	380	ug/L	SW846 8260B
1,1,1-Trichloroethane	1000	77	ug/L	SW846 8260B
Trichloroethene	2100	77	ug/L	SW846 8260B
Cyanide Amenable to Chlorination	0.014	0.0050	mg/L	SW846 9012A
GW-17322-040708-CB-005 04/07/08 15:40 005				
Aluminum	467	50.0	ug/L	SW846 6020
Copper	1.3 B,J	2.0	ug/L	SW846 6020
Antimony	0.30 B	2.0	ug/L	SW846 6020
Barium	23.4 B	100	ug/L	SW846 6010B
Calcium	73200 J	5000	ug/L	SW846 6010B
Chromium	2.4 B	5.0	ug/L	SW846 6010B
Iron	711	100	ug/L	SW846 6010B
Potassium	2240	1000	ug/L	SW846 6010B
Magnesium	19200 J	1000	ug/L	SW846 6010B
Manganese	23.1	15.0	ug/L	SW846 6010B
Sodium	124000	1000	ug/L	SW846 6010B
Selenium	4.5 B	5.0	ug/L	SW846 6010B
Vanadium	1.0 B	4.0	ug/L	SW846 6010B
Benzo(a)anthracene	0.35	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	0.30	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	0.35	0.20	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	0.97 J	1.0	ug/L	SW846 8270C
Chrysene	0.32	0.20	ug/L	SW846 8270C
Fluoranthene	0.74	0.20	ug/L	SW846 8270C
Phenanthrene	0.59	0.20	ug/L	SW846 8270C
Pyrene	0.59	0.20	ug/L	SW846 8270C
Chloroform	0.23 J	1.0	ug/L	SW846 8260B
TB-17322-040708-CB-001 04/07/08 006				
Acetone	2.0 J	25	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

8D08112 : A8D090146

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
GW-17322-040808-CB-006 04/08/08 13:00 001				
Aluminum	22.5 B	50.0	ug/L	SW846 6020
Barium	299	100	ug/L	SW846 6010B
Calcium	143000 J	5000	ug/L	SW846 6010B
Iron	7670	100	ug/L	SW846 6010B
Potassium	6790	1000	ug/L	SW846 6010B
Magnesium	33500 J	1000	ug/L	SW846 6010B
Manganese	324	15.0	ug/L	SW846 6010B
Sodium	730000	5000	ug/L	SW846 6010B
Fluoranthene	0.24	0.20	ug/L	SW846 8270C
1,1-Dichloroethene	0.65 J	1.0	ug/L	SW846 8260B
GW-17322-040808-CB-007 04/08/08 13:15 002				
Aluminum	26.2 B	50.0	ug/L	SW846 6020
Thallium	0.31 B,J	1.0	ug/L	SW846 6020
Barium	293	100	ug/L	SW846 6010B
Calcium	142000 J	5000	ug/L	SW846 6010B
Iron	7880	100	ug/L	SW846 6010B
Potassium	6700	1000	ug/L	SW846 6010B
Magnesium	33000 J	1000	ug/L	SW846 6010B
Manganese	323	15.0	ug/L	SW846 6010B
Sodium	716000	5000	ug/L	SW846 6010B
Acetone	3.3 J,B	25	ug/L	SW846 8260B
2-Butanone	0.74 J	25	ug/L	SW846 8260B
1,1-Dichloroethene	0.68 J	1.0	ug/L	SW846 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

8D08112

PARAMETER	ANALYTICAL METHOD
Amenable Cyanide	SW846 9012A
Hexavalent Chromium	SW846 7196A
ICP-MS (6020)	SW846 6020
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A
PCBs by SW-846 8082	SW846 8082
Semivolatile Organic Compounds by GC/MS	SW846 8270C
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Trivalent Chromium	SW846 7196A
Volatile Organics by GC/MS	SW846 8260B

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SAMPLE SUMMARY

SAMPLE SUMMARY

8D08112 : A8D080112

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKVQ3	001	GW-17322-040708-CB-001	04/07/08	10:25
KKVRD	002	GW-17322-040708-CB-002	04/07/08	11:30
KKVRG	003	GW-17322-040708-CB-003	04/07/08	13:20
KKVRH	004	GW-17322-040708-CB-004	04/07/08	14:40
KKVRK	005	GW-17322-040708-CB-005	04/07/08	15:40
KKVRL	006	TB-17322-040708-CB-001	04/07/08	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

(Continued on next page)

SAMPLE SUMMARY

8D08112 : A8D090146

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
KKX4V	001	GW-17322-040808-CB-006	04/08/08	13:00
KKX42	002	GW-17322-040808-CB-007	04/08/08	13:15
KKX44	003	TB-17322-040808-CB-001	04/08/08	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING AND RECEIVING DOCUMENTS

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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PAGE 1 OF 2

ID # Nº D 4625

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd.	Copy To: Terry Gaumah / CRA
Suite 200	Invoice To: Darla Stewart / CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GM Validation
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heubler
Requested Due Date:	— TAT: Standard
QA/QC Requirements:	as per SSOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL VOCs	TCL SVOCs	TCL PCBs	Site-specific TAL Metals	Amenable cyanide	Hexavalent chromium	Trivalent chromium	Remarks/Lab ID
1.	GW-17322-040708-CB-001	WG	4/7/08	1025	3	7	3					X							
2.	-002			1130	3		3					X							
3.	-003			1320	10	5	3		1	1		X	X	X	X	X	X		
4.	-004			1440	3		3					X							
5.	-005			1540	8	3	3		1	1		X	X	X	X	X	X		
6.	TB -001	WQ		—	1		1					X							
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			

TOTAL NUMBER OF CONTAINERS 28

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	4/7/08	1730	TestAmerica	8 Apr 08	930
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: C Bondy

Sampler Signature: C Bondy Date: 4/7/08

North Canton

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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PAGE 2 OF 2

ID # Nº D 4624

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd.	Copy To: Jerry Gaymon/CRA
Suite 200	Invoice To: Darla Stewart/CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GM Validation
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: Standard
QA/QC Requirements:	as per SSOW

Valid Matrix Codes:
WG Groundwater
WB Borehole Water
WS Surface Water
SO Soil
SE Sediment
See Back for Additional Codes

Analysis and Method

Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Site specific TAL Metals	Amenable cyanide	Aqueous-chromium	Trivalent chromium				Remarks/Lab ID
1. GW-17322-040708-CB-001	WG	4/7/08	1025	5	3			1	1			X	X	X	X	X	X				
2. -002	↓	↓	1130	7	5			1	1			X	X	X	X	X	X				
3. -004 CB.	↓	↓	1440	5	3			1	1			X	X	X	X	X	X				
4.																					
5.																					
6.																					
7.																					
8.																					
9.																					
10.																					
11.																					
12.																					
13.																					
14.																					
15.																					
TOTAL NUMBER OF CONTAINERS				17																	

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy / CRA	4/7/08	1730	TEST AMERICA	4/8/08	930
AIRBILL NO.							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: C Bondy

Sampler Signature: C Bondy Date: 4/7/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV. 01(6.04)

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 680086112

North Canton Facility

Client CRA PLYMOUTH Project GM VALIDATION By: _____ (Signature)

Cooler Received on 24 APR 2008 Opened on 25 APR 2008

FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____

TestAmerica Cooler # BACK Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other BAG ICE
6. Cooler temperature upon receipt BACK °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐

Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

_____

_____

_____

_____

_____

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). *Nitric Acid Lot# 113007-HNO_3; Sulfuric Acid Lot# 071707-H_2SO_4; Sodium Hydroxide Lot# 073007 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 050205-CH_3COO_2ZN/NaOH.*

What time was preservative added to sample(s)? _____

Client ID	pH		Date	Initials
001	<2	>12	8 APR 08	MAF
002	<2	>12		
003	<2	>12		
004	<2	>12		
005	<2	>12		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 1 OF 2

ID # Nº D 4627

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman / CRA
Address: 14496 Sheldon Rd.	Copy To: Terry Cayman / CRA
Suite 200	Invoice To: Darla Stewart / CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GM Validation
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	— TAT: Standard
QA/QC Requirements:	as per SSOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

Analysis and Method

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	TCL VOC	TCL SVOC	TCL PCB	Site-specific TAL Metals	Amenable cyanide	Hexavalent chromium	Trivalent chromium	Remarks/Lab ID
1.	GW-17322-040808-CB-006	WG	4/8/08	1300	9	7	9		3			X	X			X	X	X	MS/MSD
2.	↓ ↓ ↓ ↓ -007	WG	↓	1315	10	5	3		1	1		X	X	X	X	X	X	X	
3.	TB ↓ ↓ ↓ -001	WQ	↓	—	1		1					X							
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
11.																			
12.																			
13.																			
14.																			
15.																			
	TOTAL NUMBER OF CONTAINERS				30														

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	1	Carrie Bondy / CRA	4/8/08	1715		4-9-8	9:20
AIRBILL NO. 8652 7323 1873							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: C Bondy

Sampler Signature: C Bondy

Date: 4/8/08

Distribution: WHITE - Fully Executed Copy; YELLOW - Receiving Laboratory Copy; PINK - Shipper; GOLDENROD - Sampler Copy

REV. 0 (6.04)

North Canton

CONESTOGA-ROVERS & ASSOCIATES

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

PAGE 2 OF 2

ID # Nº D 4626

SSOW Ref. Code: E111021

Required Client Information:

Company: CRA, Inc.	Report To: Paul Wiseman/CRA
Address: 14496 Sheldon Rd.	Copy To: TerryCayman/CRA
Suite 200	Invoice To: Darla Stewart/CRA
Plymouth, MI 48170	P.O.:
Phone: 734-453-5123	Project Name: GM Validation
Fax: 734-453-5201	Project Number: 17322
Email: pwiseman@craworld.com	

Laboratory:	Test America
Laboratory Location:	North Canton, OH
Laboratory Contact:	Denise Heckler
Requested Due Date:	TAT: standard
QA/QC Requirements:	as per SSOW

Valid Matrix Codes: WG Groundwater; WB Borehole Water; WS Surface Water; SO Soil; SE Sediment; See Back for Additional Codes

	Sample Identification:	Matrix Code	Date Collected	Time Collected	# Containers	Preservative: Unpreserved	HCl	H2SO4	HNO3	NaOH	Other:	Analysis and Method: TCL SVOC	TCL PCB	Strat Metals	Amenable cyanide	Hexavalent chromium	Trivalent chromium	Remarks/Lab ID
1.	GW-17322-040808-CB-0006	WG	4/8/08	1300	11	8			3			X	X	X				MS/MSD
2.																		
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		
11.																		
12.																		X BATCH COMPLETE X
13.																		
14.																		
15.																		
	TOTAL NUMBER OF CONTAINERS				11													

SHIPMENT METHOD	NO. OF COOLERS	RELINQUISHED BY / AFFILIATION	DATE	TIME	RECEIVED BY / AFFILIATION	DATE	TIME
FedEx	2	Corrie Bondy /CRA	4/8/08	1715		4-9-8	9:20
AIRBILL NO. 8605 2 7323 1873							

Sample Condition

Temp in °C	
Received on Ice	Y / N
Sealed Cooler	Y / N
Samples Intact	Y / N

Additional Comments:

Sampler Name: CBondy

Sampler Signature: CBondy Date: 4/8/08

Distribution: WHITE - Fully Executed Copy YELLOW - Receiving Laboratory Copy PINK - Shipper GOLDENROD - Sampler Copy

REV. 0 (6.04)

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** 480901446
North Canton Facility

Client CRA Project _____ By: _____
Cooler Received on 4-9-8 Opened on 4-9-8 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # 241-667 Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☐ No ☒ Intact? Yes ☐ No ☐ NA ☒
   If YES, Quantity _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☐ No ☐ NA ☒
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☐ None ☐ Other _____
6. Cooler temperature upon receipt 3.5 °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

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). *Nitric Acid Lot#* 113007-HNO_3; *Sulfuric Acid Lot#* 071707-H_2SO_4; *Sodium Hydroxide Lot#* 073007 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 050205-CH_3COO_2ZN/*NaOH.*
What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
6	2 2 2 2 2 2 2 2 2 2 2 2	4-9-8	IK
7	2 2	1	1

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

GCMS VOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

GC/MS Volatiles

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ31AD **Matrix.....:** WG
Date Sampled...: 04/07/08 10:25 **Date Received..:** 04/08/08
Prep Date.....: 04/15/08 **Analysis Date..:** 04/15/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**1.2 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	**0.79 J**	**50**	**ug/L**	**0.32**

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

GC/MS Volatiles

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ31AD **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 122)
1,2-Dichloroethane-d4	104	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

GC/MS Volatiles

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD1AN **Matrix.....:** WG
Date Sampled...: 04/07/08 11:30 **Date Received..:** 04/08/08
Prep Date.....: 04/15/08 **Analysis Date..:** 04/15/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

GC/MS Volatiles

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
1,2-Dichloroethane-d4	103	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	82	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

GC/MS Volatiles

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG1AN **Matrix.....:** WG
Date Sampled...: 04/07/08 13:20 **Date Received..:** 04/08/08
Prep Date.....: 04/15/08 **Analysis Date..:** 04/15/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

GC/MS Volatiles

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	77	(74 - 116)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

GC/MS Volatiles

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH1AN **Matrix.....:** WG
Date Sampled...: 04/07/08 14:40 **Date Received..:** 04/08/08
Prep Date.....: 04/15/08 **Analysis Date..:** 04/15/08
Prep Batch #...: 8107215
Dilution Factor: 76.92 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	77	ug/L	9.2
1,3,5-Trimethylbenzene	ND	77	ug/L	7.4
Acetone	ND	1900	ug/L	85
Benzene	ND	77	ug/L	10
Bromodichloromethane	ND	77	ug/L	12
Bromoform	ND	77	ug/L	49
Bromomethane	ND	77	ug/L	32
2-Butanone	ND	1900	ug/L	44
Carbon disulfide	ND	380	ug/L	10
Carbon tetrachloride	ND	77	ug/L	10
Chlorobenzene	ND	77	ug/L	12
Chloroethane	ND	77	ug/L	22
Chloroform	**17 J**	**77**	**ug/L**	**12**
Chloromethane	ND	77	ug/L	23
Cyclohexane	ND	77	ug/L	9.2
Dibromochloromethane	ND	77	ug/L	14
1,2-Dibromo-3-chloro-propane	ND	77	ug/L	52
1,2-Dibromoethane	ND	77	ug/L	18
1,2-Dichlorobenzene	ND	77	ug/L	10
1,3-Dichlorobenzene	ND	77	ug/L	11
1,4-Dichlorobenzene	ND	77	ug/L	10
Dichlorodifluoromethane	ND	77	ug/L	24
1,1-Dichloroethane	**230**	**77**	**ug/L**	**12**
1,2-Dichloroethane	ND	77	ug/L	17
1,1-Dichloroethene	**57 J**	**77**	**ug/L**	**15**
cis-1,2-Dichloroethene	**76 J**	**77**	**ug/L**	**13**
trans-1,2-Dichloroethene	ND	77	ug/L	15
1,2-Dichloropropane	ND	77	ug/L	14
cis-1,3-Dichloropropene	ND	77	ug/L	11
trans-1,3-Dichloropropene	ND	77	ug/L	15
Ethylbenzene	ND	77	ug/L	13
2-Hexanone	ND	3800	ug/L	32
Isopropylbenzene	ND	380	ug/L	10
Methyl acetate	ND	770	ug/L	29
Methylene chloride	**25 J,B**	**380**	**ug/L**	**25**
Methylcyclohexane	ND	77	ug/L	10
4-Methyl-2-pentanone	ND	3800	ug/L	25

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

GC/MS Volatiles

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	380	ug/L	13
Styrene	ND	77	ug/L	8.5
1,1,2,2-Tetrachloroethane	ND	77	ug/L	14
Tetrachloroethene	ND	77	ug/L	22
Toluene	ND	77	ug/L	10
1,2,4-Trichloro-benzene	ND	380	ug/L	12
1,1,1-Trichloroethane	**1000**	**77**	**ug/L**	**17**
1,1,2-Trichloroethane	ND	77	ug/L	21
Trichloroethene	**2100**	**77**	**ug/L**	**13**
Trichlorofluoromethane	ND	77	ug/L	16
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	77	ug/L	22
Vinyl chloride	ND	77	ug/L	17
Xylenes (total)	ND	150	ug/L	22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 122)
1,2-Dichloroethane-d4	107	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	77	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

GC/MS Volatiles

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK1AN **Matrix.....:** WG
Date Sampled...: 04/07/08 15:40 **Date Received..:** 04/08/08
Prep Date.....: 04/16/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	**0.23 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

GC/MS Volatiles

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(73 - 122)
1,2-Dichloroethane-d4	106	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	78	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-040708-CB-001

GC/MS Volatiles

Lot-Sample #...: A8D080112-006 **Work Order #...:** KKVRL1AA **Matrix.....:** WQ
Date Sampled...: 04/07/08 **Date Received..:** 04/08/08
Prep Date.....: 04/16/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**2.0 J**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-040708-CB-001

GC/MS Volatiles

Lot-Sample #...: A8D080112-006 **Work Order #...:** KKVRL1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
Toluene-d8	96	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

GC/MS Volatiles

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V1AH **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/20/08 **Analysis Date..:** 04/20/08
Prep Batch #...: 8112063
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	**0.65 J**	**1.0**	**ug/L**	**0.19**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

GC/MS Volatiles

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V1AH **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

GC/MS Volatiles

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX421AG **Matrix.....:** WG
Date Sampled...: 04/08/08 13:15 **Date Received..:** 04/09/08
Prep Date.....: 04/19/08 **Analysis Date..:** 04/19/08
Prep Batch #...: 8112091
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	**3.3 J,B**	**25**	**ug/L**	**1.1**
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	**0.74 J**	**25**	**ug/L**	**0.57**
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	**0.68 J**	**1.0**	**ug/L**	**0.19**
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

GC/MS Volatiles

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX421AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	92	(74 - 116)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-040808-CB-001

GC/MS Volatiles

Lot-Sample #...: A8D090146-003 **Work Order #...:** KKX441AA **Matrix.....:** WQ
Date Sampled...: 04/08/08 **Date Received..:** 04/09/08
Prep Date.....: 04/19/08 **Analysis Date..:** 04/19/08
Prep Batch #...: 8112091
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.12
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.096
Acetone	ND	25	ug/L	1.1
Benzene	ND	1.0	ug/L	0.13
Bromodichloromethane	ND	1.0	ug/L	0.15
Bromoform	ND	1.0	ug/L	0.64
Bromomethane	ND	1.0	ug/L	0.41
2-Butanone	ND	25	ug/L	0.57
Carbon disulfide	ND	5.0	ug/L	0.13
Carbon tetrachloride	ND	1.0	ug/L	0.13
Chlorobenzene	ND	1.0	ug/L	0.15
Chloroethane	ND	1.0	ug/L	0.29
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	1.0	ug/L	0.30
Cyclohexane	ND	1.0	ug/L	0.12
Dibromochloromethane	ND	1.0	ug/L	0.18
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	0.67
1,2-Dibromoethane	ND	1.0	ug/L	0.24
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.14
1,4-Dichlorobenzene	ND	1.0	ug/L	0.13
Dichlorodifluoromethane	ND	1.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.15
1,2-Dichloroethane	ND	1.0	ug/L	0.22
1,1-Dichloroethene	ND	1.0	ug/L	0.19
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.17
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.19
1,2-Dichloropropane	ND	1.0	ug/L	0.18
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.14
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.17
2-Hexanone	ND	50	ug/L	0.41
Isopropylbenzene	ND	5.0	ug/L	0.13
Methyl acetate	ND	10	ug/L	0.38
Methylene chloride	ND	5.0	ug/L	0.33
Methylcyclohexane	ND	1.0	ug/L	0.13
4-Methyl-2-pentanone	ND	50	ug/L	0.32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-040808-CB-001

GC/MS Volatiles

Lot-Sample #...: A8D090146-003 **Work Order #...:** KKX441AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	5.0	ug/L	0.17
Styrene	ND	1.0	ug/L	0.11
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.18
Tetrachloroethene	ND	1.0	ug/L	0.29
Toluene	ND	1.0	ug/L	0.13
1,2,4-Trichloro-benzene	ND	5.0	ug/L	0.15
1,1,1-Trichloroethane	ND	1.0	ug/L	0.22
1,1,2-Trichloroethane	ND	1.0	ug/L	0.27
Trichloroethene	ND	1.0	ug/L	0.17
Trichlorofluoromethane	ND	1.0	ug/L	0.21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	0.28
Vinyl chloride	ND	1.0	ug/L	0.22
Xylenes (total)	ND	2.0	ug/L	0.28

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	101	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AA **Matrix.....:** WATER
MB Lot-Sample #: A8D160000-215

Prep Date.....: 04/15/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 04/15/08 **Prep Batch #...:** 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.34 J**	**5.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AA **Matrix.....:** WATER
MB Lot-Sample #: A8D210000-063

Prep Date.....: 04/20/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 04/20/08 **Prep Batch #...:** 8112063
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	ND	25	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	**0.17 J**	**1.0**	**ug/L**	**SW846 8260B**
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	**0.23 J**	**1.0**	**ug/L**	**SW846 8260B**
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.41 J**	**5.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(73 - 122)
1,2-Dichloroethane-d4	93	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AA **Matrix.....:** WATER
MB Lot-Sample #: A8D210000-091

Prep Date.....: 04/18/08 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 04/18/08 **Prep Batch #...:** 8112091
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Acetone	**2.3 J**	**25**	**ug/L**	**SW846 8260B**
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	**0.28 J**	**1.0**	**ug/L**	**SW846 8260B**
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	25	ug/L	SW846 8260B
Carbon disulfide	ND	5.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	**0.71 J**	**1.0**	**ug/L**	**SW846 8260B**
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	50	ug/L	SW846 8260B
Isopropylbenzene	ND	5.0	ug/L	SW846 8260B
Methyl acetate	ND	10	ug/L	SW846 8260B
Methylene chloride	**0.38 J**	**5.0**	**ug/L**	**SW846 8260B**
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D160000-215 KLD8J1AD-LCSD
Prep Date.....: 04/15/08 **Analysis Date..:** 04/15/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	8.2	ug/L	82		SW846 8260B
	10	9.2	ug/L	92	11	SW846 8260B
1,3,5-Trimethylbenzene	10	8.2	ug/L	82		SW846 8260B
	10	9.0	ug/L	90	9.0	SW846 8260B
Acetone	10	8.6	ug/L	86		SW846 8260B
	10	11	ug/L	114	28	SW846 8260B
Benzene	**10**	**8.8**	**ug/L**	**88**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**13**	**SW846 8260B**
Bromodichloromethane	10	9.2	ug/L	92		SW846 8260B
	10	10	ug/L	105	13	SW846 8260B
Bromoform	10	8.4	ug/L	84		SW846 8260B
	10	9.5	ug/L	95	12	SW846 8260B
Bromomethane	10	8.0	ug/L	80		SW846 8260B
	10	8.7	ug/L	87	8.9	SW846 8260B
2-Butanone	10	11	ug/L	109		SW846 8260B
	10	12	ug/L	119	8.4	SW846 8260B
Carbon disulfide	10	9.1	ug/L	91		SW846 8260B
	10	10	ug/L	104	13	SW846 8260B
Carbon tetrachloride	10	8.2	ug/L	82		SW846 8260B
	10	9.1	ug/L	91	9.7	SW846 8260B
Chlorobenzene	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**11**	**SW846 8260B**
Chloroethane	10	8.2	ug/L	82		SW846 8260B
	10	9.5	ug/L	95	15	SW846 8260B
Chloroform	10	9.2	ug/L	92		SW846 8260B
	10	11	ug/L	107	16	SW846 8260B
Chloromethane	10	8.7	ug/L	87		SW846 8260B
	10	9.5	ug/L	95	8.8	SW846 8260B
Cyclohexane	10	7.6	ug/L	76		SW846 8260B
	10	8.9	ug/L	89	15	SW846 8260B
Dibromochloromethane	10	8.7	ug/L	87		SW846 8260B
	10	9.8	ug/L	98	12	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.2	ug/L	82		SW846 8260B
	10	9.2	ug/L	92	12	SW846 8260B
1,2-Dibromoethane	10	9.3	ug/L	93		SW846 8260B
	10	10	ug/L	101	8.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D160000-215 KLD8J1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.7	ug/L	97	8.1	SW846 8260B
1,3-Dichlorobenzene	10	8.5	ug/L	85		SW846 8260B
	10	9.1	ug/L	91	7.0	SW846 8260B
1,4-Dichlorobenzene	10	8.7	ug/L	87		SW846 8260B
	10	9.2	ug/L	92	5.6	SW846 8260B
Dichlorodifluoromethane	10	8.6	ug/L	86		SW846 8260B
	10	9.8	ug/L	98	14	SW846 8260B
1,1-Dichloroethane	10	9.2	ug/L	92		SW846 8260B
	10	10	ug/L	103	11	SW846 8260B
1,2-Dichloroethane	10	9.6	ug/L	96		SW846 8260B
	10	11	ug/L	107	11	SW846 8260B
1,1-Dichloroethene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**10**	**ug/L**	**101**	**9.9**	**SW846 8260B**
cis-1,2-Dichloroethene	10	8.6	ug/L	86		SW846 8260B
	10	10	ug/L	101	16	SW846 8260B
trans-1,2-Dichloroethene	10	9.1	ug/L	91		SW846 8260B
	10	10	ug/L	101	10	SW846 8260B
1,2-Dichloropropane	10	9.5	ug/L	95		SW846 8260B
	10	10	ug/L	105	9.8	SW846 8260B
cis-1,3-Dichloropropene	10	8.3 a	ug/L	83		SW846 8260B
	10	9.2	ug/L	92	10	SW846 8260B
trans-1,3-Dichloropropene	10	8.2 a	ug/L	82		SW846 8260B
	10	9.3	ug/L	93	13	SW846 8260B
Ethylbenzene	10	8.7	ug/L	87		SW846 8260B
	10	9.9	ug/L	99	12	SW846 8260B
2-Hexanone	10	10	ug/L	101		SW846 8260B
	10	11	ug/L	111	9.7	SW846 8260B
Isopropylbenzene	10	10	ug/L	102		SW846 8260B
	10	12	ug/L	115	12	SW846 8260B
Methyl acetate	10	9.3	ug/L	93		SW846 8260B
	10	11	ug/L	113	19	SW846 8260B
Methylene chloride	10	8.6	ug/L	86		SW846 8260B
	10	9.4	ug/L	94	8.8	SW846 8260B
Methylcyclohexane	10	7.8	ug/L	78		SW846 8260B
	10	8.9	ug/L	89	13	SW846 8260B
4-Methyl-2-pentanone	10	9.6	ug/L	96		SW846 8260B
	10	11	ug/L	107	12	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	9.2	ug/L	92		SW846 8260B
	10	11	ug/L	107	15	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D160000-215 KLD8J1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	9.1	ug/L	91		SW846 8260B
	10	10	ug/L	102	12	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.7	ug/L	87		SW846 8260B
	10	9.5	ug/L	95	9.4	SW846 8260B
Tetrachloroethene	10	8.7 a	ug/L	87		SW846 8260B
	10	10	ug/L	100	14	SW846 8260B
Toluene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**7.8**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	8.3	ug/L	83		SW846 8260B
	10	9.5	ug/L	95	14	SW846 8260B
1,1,1-Trichloroethane	10	8.7	ug/L	87		SW846 8260B
	10	9.8	ug/L	98	11	SW846 8260B
1,1,2-Trichloroethane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	101	2.6	SW846 8260B
Trichloroethene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**10**	**SW846 8260B**
Trichlorofluoromethane	10	7.7	ug/L	77		SW846 8260B
	10	8.9	ug/L	89	14	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	10	ug/L	104		SW846 8260B
	10	11	ug/L	114	8.9	SW846 8260B
Vinyl chloride	10	8.2	ug/L	82		SW846 8260B
	10	9.0	ug/L	90	9.0	SW846 8260B
Xylenes (total)	30	27	ug/L	89		SW846 8260B
	30	30	ug/L	100	11	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	101	(61 - 128)
Toluene-d8	100	(76 - 110)
	99	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)
	100	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D160000-215 KLD8J1AD-LCSD
Prep Date.....: 04/15/08 **Analysis Date..:** 04/15/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	92	(70 - 130)	11	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	90	(70 - 130)	9.0	(0-30)	SW846 8260B
Acetone	86	(22 - 200)			SW846 8260B
	114	(22 - 200)	28	(0-95)	SW846 8260B
Benzene	**88**	**(80 - 116)**			**SW846 8260B**
	100	**(80 - 116)**	**13**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	92	(87 - 130)			SW846 8260B
	105	(87 - 130)	13	(0-30)	SW846 8260B
Bromoform	84	(76 - 150)			SW846 8260B
	95	(76 - 150)	12	(0-30)	SW846 8260B
Bromomethane	80	(64 - 129)			SW846 8260B
	87	(64 - 129)	8.9	(0-30)	SW846 8260B
2-Butanone	109	(28 - 237)			SW846 8260B
	119	(28 - 237)	8.4	(0-65)	SW846 8260B
Carbon disulfide	91	(73 - 139)			SW846 8260B
	104	(73 - 139)	13	(0-30)	SW846 8260B
Carbon tetrachloride	82	(75 - 149)			SW846 8260B
	91	(75 - 149)	9.7	(0-30)	SW846 8260B
Chlorobenzene	**89**	**(76 - 117)**			**SW846 8260B**
	99	**(76 - 117)**	**11**	**(0-20)**	**SW846 8260B**
Chloroethane	82	(66 - 126)			SW846 8260B
	95	(66 - 126)	15	(0-30)	SW846 8260B
Chloroform	92	(84 - 128)			SW846 8260B
	107	(84 - 128)	16	(0-30)	SW846 8260B
Chloromethane	87	(48 - 123)			SW846 8260B
	95	(48 - 123)	8.8	(0-30)	SW846 8260B
Cyclohexane	76	(70 - 130)			SW846 8260B
	89	(70 - 130)	15	(0-30)	SW846 8260B
Dibromochloromethane	87	(81 - 138)			SW846 8260B
	98	(81 - 138)	12	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	82	(70 - 130)			SW846 8260B
	92	(70 - 130)	12	(0-30)	SW846 8260B
1,2-Dibromoethane	93	(70 - 130)			SW846 8260B
	101	(70 - 130)	8.4	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D160000-215 KLD8J1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	89	(70 - 130)			SW846 8260B
	97	(70 - 130)	8.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	91	(70 - 130)	7.0	(0-30)	SW846 8260B
1,4-Dichlorobenzene	87	(70 - 130)			SW846 8260B
	92	(70 - 130)	5.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	86	(70 - 130)			SW846 8260B
	98	(70 - 130)	14	(0-30)	SW846 8260B
1,1-Dichloroethane	92	(86 - 123)			SW846 8260B
	103	(86 - 123)	11	(0-30)	SW846 8260B
1,2-Dichloroethane	96	(79 - 136)			SW846 8260B
	107	(79 - 136)	11	(0-30)	SW846 8260B
1,1-Dichloroethene	**92**	**(63 - 130)**			**SW846 8260B**
	101	**(63 - 130)**	**9.9**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	86	(85 - 113)			SW846 8260B
	101	(85 - 113)	16	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	91	(80 - 120)			SW846 8260B
	101	(80 - 120)	10	(0-30)	SW846 8260B
1,2-Dichloropropane	95	(82 - 115)			SW846 8260B
	105	(82 - 115)	9.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	83 a	(84 - 130)			SW846 8260B
	92	(84 - 130)	10	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	82 a	(84 - 130)			SW846 8260B
	93	(84 - 130)	13	(0-30)	SW846 8260B
Ethylbenzene	87	(86 - 116)			SW846 8260B
	99	(86 - 116)	12	(0-30)	SW846 8260B
2-Hexanone	101	(35 - 200)			SW846 8260B
	111	(35 - 200)	9.7	(0-52)	SW846 8260B
Isopropylbenzene	102	(70 - 130)			SW846 8260B
	115	(70 - 130)	12	(0-30)	SW846 8260B
Methyl acetate	93	(70 - 130)			SW846 8260B
	113	(70 - 130)	19	(0-30)	SW846 8260B
Methylene chloride	86	(78 - 118)			SW846 8260B
	94	(78 - 118)	8.8	(0-30)	SW846 8260B
Methylcyclohexane	78	(70 - 130)			SW846 8260B
	89	(70 - 130)	13	(0-30)	SW846 8260B
4-Methyl-2-pentanone	96	(78 - 141)			SW846 8260B
	107	(78 - 141)	12	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	92	(70 - 130)			SW846 8260B
	107	(70 - 130)	15	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLD8J1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D160000-215 KLD8J1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	91	(85 - 117)			SW846 8260B
	102	(85 - 117)	12	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	87	(85 - 118)			SW846 8260B
	95	(85 - 118)	9.4	(0-30)	SW846 8260B
Tetrachloroethene	87 a	(88 - 113)			SW846 8260B
	100	(88 - 113)	14	(0-30)	SW846 8260B
Toluene	**90**	**(74 - 119)**			**SW846 8260B**
	98	**(74 - 119)**	**7.8**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	83	(70 - 130)			SW846 8260B
	95	(70 - 130)	14	(0-30)	SW846 8260B
1,1,1-Trichloroethane	87	(78 - 140)			SW846 8260B
	98	(78 - 140)	11	(0-30)	SW846 8260B
1,1,2-Trichloroethane	99	(83 - 122)			SW846 8260B
	101	(83 - 122)	2.6	(0-30)	SW846 8260B
Trichloroethene	**90**	**(75 - 122)**			**SW846 8260B**
	99	**(75 - 122)**	**10**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	77	(70 - 130)			SW846 8260B
	89	(70 - 130)	14	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	104	(70 - 130)			SW846 8260B
	114	(70 - 130)	8.9	(0-30)	SW846 8260B
Vinyl chloride	82	(61 - 120)			SW846 8260B
	90	(61 - 120)	9.0	(0-30)	SW846 8260B
Xylenes (total)	89	(87 - 116)			SW846 8260B
	100	(87 - 116)	11	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	101	(61 - 128)
Toluene-d8	100	(76 - 110)
	99	(76 - 110)
4-Bromofluorobenzene	102	(74 - 116)
	100	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-063 KLNHC1AD-LCSD
Prep Date.....: 04/20/08 **Analysis Date..:** 04/20/08
Prep Batch #...: 8112063
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.17	SW846 8260B
1,3,5-Trimethylbenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.8	ug/L	98	0.73	SW846 8260B
Acetone	10	8.0	ug/L	80		SW846 8260B
	10	10	ug/L	103	25	SW846 8260B
Benzene	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**1.9**	**SW846 8260B**
Bromodichloromethane	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	102	1.2	SW846 8260B
Bromoform	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.15	SW846 8260B
Bromomethane	10	9.8	ug/L	98		SW846 8260B
	10	8.5	ug/L	85	15	SW846 8260B
2-Butanone	10	8.8	ug/L	88		SW846 8260B
	10	11	ug/L	106	19	SW846 8260B
Carbon disulfide	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	112	2.8	SW846 8260B
Carbon tetrachloride	10	9.8	ug/L	98		SW846 8260B
	10	9.9	ug/L	99	1.5	SW846 8260B
Chlorobenzene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**2.0**	**SW846 8260B**
Chloroethane	10	10	ug/L	104		SW846 8260B
	10	9.2	ug/L	92	12	SW846 8260B
Chloroform	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.020	SW846 8260B
Chloromethane	10	9.4	ug/L	94		SW846 8260B
	10	8.7	ug/L	87	8.5	SW846 8260B
Cyclohexane	10	9.5	ug/L	95		SW846 8260B
	10	9.8	ug/L	98	3.0	SW846 8260B
Dibromochloromethane	10	9.9	ug/L	99		SW846 8260B
	10	9.8	ug/L	98	1.4	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	9.9	ug/L	99		SW846 8260B
	10	9.4	ug/L	94	4.8	SW846 8260B
1,2-Dibromoethane	10	9.6	ug/L	96		SW846 8260B
	10	9.4	ug/L	94	1.8	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-063 KLNHC1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.6	ug/L	96	1.4	SW846 8260B
1,3-Dichlorobenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.43	SW846 8260B
1,4-Dichlorobenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.24	SW846 8260B
Dichlorodifluoromethane	10	7.8	ug/L	78		SW846 8260B
	10	7.9	ug/L	79	1.3	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	104	3.5	SW846 8260B
1,2-Dichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	9.9	ug/L	99	1.5	SW846 8260B
1,1-Dichloroethene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**3.1**	**SW846 8260B**
cis-1,2-Dichloroethene	10	9.7	ug/L	97		SW846 8260B
	10	10	ug/L	101	3.2	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	103	2.0	SW846 8260B
1,2-Dichloropropane	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	102	1.2	SW846 8260B
cis-1,3-Dichloropropene	10	9.7	ug/L	97		SW846 8260B
	10	9.8	ug/L	98	0.94	SW846 8260B
trans-1,3-Dichloropropene	10	9.7	ug/L	97		SW846 8260B
	10	9.5	ug/L	95	1.7	SW846 8260B
Ethylbenzene	10	9.9	ug/L	99		SW846 8260B
	10	9.8	ug/L	98	1.2	SW846 8260B
2-Hexanone	10	11	ug/L	106		SW846 8260B
	10	10	ug/L	100	5.1	SW846 8260B
Isopropylbenzene	10	12	ug/L	119		SW846 8260B
	10	12	ug/L	118	0.66	SW846 8260B
Methyl acetate	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.14	SW846 8260B
Methylene chloride	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	102	1.4	SW846 8260B
Methylcyclohexane	10	9.5	ug/L	95		SW846 8260B
	10	9.9	ug/L	99	3.8	SW846 8260B
4-Methyl-2-pentanone	10	10	ug/L	103		SW846 8260B
	10	11	ug/L	106	2.1	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	10	ug/L	102		SW846 8260B
	10	11	ug/L	106	3.0	SW846 8260B
Styrene	10	9.8	ug/L	98		SW846 8260B
	10	9.7	ug/L	97	0.64	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-063 KLNHC1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,1,2,2-Tetrachloroethane	10	9.7	ug/L	97		SW846 8260B
	10	9.4	ug/L	94	2.4	SW846 8260B
Tetrachloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.8	ug/L	98	1.3	SW846 8260B
Toluene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**1.7**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	9.7	ug/L	97		SW846 8260B
	10	9.6	ug/L	96	0.60	SW846 8260B
1,1,1-Trichloroethane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	103	3.6	SW846 8260B
1,1,2-Trichloroethane	10	9.7	ug/L	97		SW846 8260B
	10	9.5	ug/L	95	2.0	SW846 8260B
Trichloroethene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**10**	**ug/L**	**100**	**2.3**	**SW846 8260B**
Trichlorofluoromethane	10	11	ug/L	113		SW846 8260B
	10	11	ug/L	112	0.49	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	116		SW846 8260B
	10	12	ug/L	121	4.5	SW846 8260B
Vinyl chloride	10	9.2	ug/L	92		SW846 8260B
	10	9.3	ug/L	93	0.72	SW846 8260B
Xylenes (total)	30	30	ug/L	98		SW846 8260B
	30	29	ug/L	98	0.68	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	95	(61 - 128)
Toluene-d8	95	(76 - 110)
	94	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	92	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-063 KLNHC1AD-LCSD
Prep Date.....: 04/20/08 **Analysis Date..:** 04/20/08
Prep Batch #...: 8112063
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	96	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.17	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	97	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.73	(0-30)	SW846 8260B
Acetone	80	(22 - 200)			SW846 8260B
	103	(22 - 200)	25	(0-95)	SW846 8260B
Benzene	**97**	**(80 - 116)**			**SW846 8260B**
	99	**(80 - 116)**	**1.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	101	(87 - 130)			SW846 8260B
	102	(87 - 130)	1.2	(0-30)	SW846 8260B
Bromoform	97	(76 - 150)			SW846 8260B
	97	(76 - 150)	0.15	(0-30)	SW846 8260B
Bromomethane	98	(64 - 129)			SW846 8260B
	85	(64 - 129)	15	(0-30)	SW846 8260B
2-Butanone	88	(28 - 237)			SW846 8260B
	106	(28 - 237)	19	(0-65)	SW846 8260B
Carbon disulfide	109	(73 - 139)			SW846 8260B
	112	(73 - 139)	2.8	(0-30)	SW846 8260B
Carbon tetrachloride	98	(75 - 149)			SW846 8260B
	99	(75 - 149)	1.5	(0-30)	SW846 8260B
Chlorobenzene	**98**	**(76 - 117)**			**SW846 8260B**
	96	**(76 - 117)**	**2.0**	**(0-20)**	**SW846 8260B**
Chloroethane	104	(66 - 126)			SW846 8260B
	92	(66 - 126)	12	(0-30)	SW846 8260B
Chloroform	99	(84 - 128)			SW846 8260B
	99	(84 - 128)	0.020	(0-30)	SW846 8260B
Chloromethane	94	(48 - 123)			SW846 8260B
	87	(48 - 123)	8.5	(0-30)	SW846 8260B
Cyclohexane	95	(70 - 130)			SW846 8260B
	98	(70 - 130)	3.0	(0-30)	SW846 8260B
Dibromochloromethane	99	(81 - 138)			SW846 8260B
	98	(81 - 138)	1.4	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	99	(70 - 130)			SW846 8260B
	94	(70 - 130)	4.8	(0-30)	SW846 8260B
1,2-Dibromoethane	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	1.8	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-063 KLNHC1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	95	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.4	(0-30)	SW846 8260B
1,3-Dichlorobenzene	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.43	(0-30)	SW846 8260B
1,4-Dichlorobenzene	96	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.24	(0-30)	SW846 8260B
Dichlorodifluoromethane	78	(70 - 130)			SW846 8260B
	79	(70 - 130)	1.3	(0-30)	SW846 8260B
1,1-Dichloroethane	101	(86 - 123)			SW846 8260B
	104	(86 - 123)	3.5	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(79 - 136)			SW846 8260B
	99	(79 - 136)	1.5	(0-30)	SW846 8260B
1,1-Dichloroethene	**104**	**(63 - 130)**			**SW846 8260B**
	107	**(63 - 130)**	**3.1**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	97	(85 - 113)			SW846 8260B
	101	(85 - 113)	3.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	101	(80 - 120)			SW846 8260B
	103	(80 - 120)	2.0	(0-30)	SW846 8260B
1,2-Dichloropropane	100	(82 - 115)			SW846 8260B
	102	(82 - 115)	1.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	97	(84 - 130)			SW846 8260B
	98	(84 - 130)	0.94	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	97	(84 - 130)			SW846 8260B
	95	(84 - 130)	1.7	(0-30)	SW846 8260B
Ethylbenzene	99	(86 - 116)			SW846 8260B
	98	(86 - 116)	1.2	(0-30)	SW846 8260B
2-Hexanone	106	(35 - 200)			SW846 8260B
	100	(35 - 200)	5.1	(0-52)	SW846 8260B
Isopropylbenzene	119	(70 - 130)			SW846 8260B
	118	(70 - 130)	0.66	(0-30)	SW846 8260B
Methyl acetate	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.14	(0-30)	SW846 8260B
Methylene chloride	103	(78 - 118)			SW846 8260B
	102	(78 - 118)	1.4	(0-30)	SW846 8260B
Methylcyclohexane	95	(70 - 130)			SW846 8260B
	99	(70 - 130)	3.8	(0-30)	SW846 8260B
4-Methyl-2-pentanone	103	(78 - 141)			SW846 8260B
	106	(78 - 141)	2.1	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	102	(70 - 130)			SW846 8260B
	106	(70 - 130)	3.0	(0-30)	SW846 8260B
Styrene	98	(85 - 117)			SW846 8260B
	97	(85 - 117)	0.64	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNHC1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-063 KLNHC1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	97	(85 - 118)			SW846 8260B
	94	(85 - 118)	2.4	(0-30)	SW846 8260B
Tetrachloroethene	96	(88 - 113)			SW846 8260B
	98	(88 - 113)	1.3	(0-30)	SW846 8260B
Toluene	**98**	**(74 - 119)**			**SW846 8260B**
	96	**(74 - 119)**	**1.7**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	97	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.60	(0-30)	SW846 8260B
1,1,1-Trichloroethane	99	(78 - 140)			SW846 8260B
	103	(78 - 140)	3.6	(0-30)	SW846 8260B
1,1,2-Trichloroethane	97	(83 - 122)			SW846 8260B
	95	(83 - 122)	2.0	(0-30)	SW846 8260B
Trichloroethene	**98**	**(75 - 122)**			**SW846 8260B**
	100	**(75 - 122)**	**2.3**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	113	(70 - 130)			SW846 8260B
	112	(70 - 130)	0.49	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	116	(70 - 130)			SW846 8260B
	121	(70 - 130)	4.5	(0-30)	SW846 8260B
Vinyl chloride	92	(61 - 120)			SW846 8260B
	93	(61 - 120)	0.72	(0-30)	SW846 8260B
Xylenes (total)	98	(87 - 116)			SW846 8260B
	98	(87 - 116)	0.68	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	95	(61 - 128)
Toluene-d8	95	(76 - 110)
	94	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	92	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-091 KLNH81AD-LCSD
Prep Date.....: 04/18/08 **Analysis Date..:** 04/18/08
Prep Batch #...: 8112091
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.6	ug/L	96	2.2	SW846 8260B
1,3,5-Trimethylbenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.6	ug/L	96	2.4	SW846 8260B
Acetone	10	14	ug/L	143		SW846 8260B
	10	14	ug/L	144	0.94	SW846 8260B
Benzene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**1.2**	**SW846 8260B**
Bromodichloromethane	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.49	SW846 8260B
Bromoform	10	7.7	ug/L	77		SW846 8260B
	10	7.6	ug/L	76	1.6	SW846 8260B
Bromomethane	10	14 a	ug/L	143		SW846 8260B
	10	15 a	ug/L	154	7.0	SW846 8260B
2-Butanone	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	105	1.8	SW846 8260B
Carbon disulfide	10	12	ug/L	117		SW846 8260B
	10	12	ug/L	118	0.86	SW846 8260B
Carbon tetrachloride	10	9.7	ug/L	97		SW846 8260B
	10	9.8	ug/L	98	1.8	SW846 8260B
Chlorobenzene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**1.2**	**SW846 8260B**
Chloroethane	10	13 a	ug/L	135		SW846 8260B
	10	14 a	ug/L	142	5.3	SW846 8260B
Chloroform	10	10	ug/L	105		SW846 8260B
	10	11	ug/L	107	1.8	SW846 8260B
Chloromethane	10	13 a	ug/L	135		SW846 8260B
	10	14 a	ug/L	142	5.0	SW846 8260B
Cyclohexane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	108	1.2	SW846 8260B
Dibromochloromethane	10	8.4	ug/L	84		SW846 8260B
	10	8.4	ug/L	84	0.27	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	8.0	ug/L	80		SW846 8260B
	10	7.8	ug/L	78	2.4	SW846 8260B
1,2-Dibromoethane	10	8.7	ug/L	87		SW846 8260B
	10	8.5	ug/L	85	1.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-091 KLNH81AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.4	ug/L	94	1.5	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.2	ug/L	92	1.8	SW846 8260B
1,4-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.3	ug/L	93	2.7	SW846 8260B
Dichlorodifluoromethane	10	8.7	ug/L	87		SW846 8260B
	10	9.2	ug/L	92	5.2	SW846 8260B
1,1-Dichloroethane	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	104	0.24	SW846 8260B
1,2-Dichloroethane	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	101	0.19	SW846 8260B
1,1-Dichloroethene	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	10	**9.8**	**ug/L**	**98**	**0.20**	**SW846 8260B**
cis-1,2-Dichloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.20	SW846 8260B
trans-1,2-Dichloroethene	10	9.5	ug/L	95		SW846 8260B
	10	9.6	ug/L	96	0.91	SW846 8260B
1,2-Dichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.25	SW846 8260B
cis-1,3-Dichloropropene	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	0.63	SW846 8260B
trans-1,3-Dichloropropene	10	8.5	ug/L	85		SW846 8260B
	10	8.5	ug/L	85	0.18	SW846 8260B
Ethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.3	ug/L	93	0.58	SW846 8260B
2-Hexanone	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	102	0.59	SW846 8260B
Isopropylbenzene	10	12	ug/L	115		SW846 8260B
	10	11	ug/L	115	0.21	SW846 8260B
Methyl acetate	10	12	ug/L	119		SW846 8260B
	10	12	ug/L	118	0.95	SW846 8260B
Methylene chloride	10	9.5	ug/L	95		SW846 8260B
	10	9.7	ug/L	97	2.9	SW846 8260B
Methylcyclohexane	10	9.8	ug/L	98		SW846 8260B
	10	10	ug/L	102	3.2	SW846 8260B
4-Methyl-2-pentanone	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	106	2.4	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	10	ug/L	105		SW846 8260B
	10	10	ug/L	103	1.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-091 KLNH81AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Styrene	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.36	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.0	ug/L	90	3.7	SW846 8260B
Tetrachloroethene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	1.3	SW846 8260B
Toluene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.4**	**ug/L**	**94**	**0.43**	**SW846 8260B**
1,2,4-Trichloro-benzene	10	9.3	ug/L	93		SW846 8260B
	10	9.6	ug/L	96	2.8	SW846 8260B
1,1,1-Trichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	9.9	ug/L	99	1.2	SW846 8260B
1,1,2-Trichloroethane	10	8.6	ug/L	86		SW846 8260B
	10	8.4	ug/L	84	2.5	SW846 8260B
Trichloroethene	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	10	**9.0**	**ug/L**	**90**	**0.12**	**SW846 8260B**
Trichlorofluoromethane	10	14 a	ug/L	137		SW846 8260B
	10	15 a	ug/L	149	8.4	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	124		SW846 8260B
	10	12	ug/L	122	1.8	SW846 8260B
Vinyl chloride	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	109	2.8	SW846 8260B
Xylenes (total)	30	28	ug/L	93		SW846 8260B
	30	28	ug/L	94	0.31	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
	97	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
	99	(61 - 128)
Toluene-d8	95	(76 - 110)
	93	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	94	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-091 KLNH81AD-LCSD
Prep Date.....: 04/18/08 **Analysis Date..:** 04/18/08
Prep Batch #...: 8112091
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	93	(70 - 130)			SW846 8260B
	96	(70 - 130)	2.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	93	(70 - 130)			SW846 8260B
	96	(70 - 130)	2.4	(0-30)	SW846 8260B
Acetone	143	(22 - 200)			SW846 8260B
	144	(22 - 200)	0.94	(0-95)	SW846 8260B
Benzene	**96**	**(80 - 116)**			**SW846 8260B**
	97	**(80 - 116)**	**1.2**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	96	(87 - 130)			SW846 8260B
	96	(87 - 130)	0.49	(0-30)	SW846 8260B
Bromoform	77	(76 - 150)			SW846 8260B
	76	(76 - 150)	1.6	(0-30)	SW846 8260B
Bromomethane	143 a	(64 - 129)			SW846 8260B
	154 a	(64 - 129)	7.0	(0-30)	SW846 8260B
2-Butanone	107	(28 - 237)			SW846 8260B
	105	(28 - 237)	1.8	(0-65)	SW846 8260B
Carbon disulfide	117	(73 - 139)			SW846 8260B
	118	(73 - 139)	0.86	(0-30)	SW846 8260B
Carbon tetrachloride	97	(75 - 149)			SW846 8260B
	98	(75 - 149)	1.8	(0-30)	SW846 8260B
Chlorobenzene	**92**	**(76 - 117)**			**SW846 8260B**
	93	**(76 - 117)**	**1.2**	**(0-20)**	**SW846 8260B**
Chloroethane	135 a	(66 - 126)			SW846 8260B
	142 a	(66 - 126)	5.3	(0-30)	SW846 8260B
Chloroform	105	(84 - 128)			SW846 8260B
	107	(84 - 128)	1.8	(0-30)	SW846 8260B
Chloromethane	135 a	(48 - 123)			SW846 8260B
	142 a	(48 - 123)	5.0	(0-30)	SW846 8260B
Cyclohexane	106	(70 - 130)			SW846 8260B
	108	(70 - 130)	1.2	(0-30)	SW846 8260B
Dibromochloromethane	84	(81 - 138)			SW846 8260B
	84	(81 - 138)	0.27	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	80	(70 - 130)			SW846 8260B
	78	(70 - 130)	2.4	(0-30)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)			SW846 8260B
	85	(70 - 130)	1.5	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-091 KLNH81AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	94	(70 - 130)	1.5	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.8	(0-30)	SW846 8260B
1,4-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.7	(0-30)	SW846 8260B
Dichlorodifluoromethane	87	(70 - 130)			SW846 8260B
	92	(70 - 130)	5.2	(0-30)	SW846 8260B
1,1-Dichloroethane	103	(86 - 123)			SW846 8260B
	104	(86 - 123)	0.24	(0-30)	SW846 8260B
1,2-Dichloroethane	101	(79 - 136)			SW846 8260B
	101	(79 - 136)	0.19	(0-30)	SW846 8260B
1,1-Dichloroethene	**97**	**(63 - 130)**			**SW846 8260B**
	98	**(63 - 130)**	**0.20**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	96	(85 - 113)			SW846 8260B
	96	(85 - 113)	0.20	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	95	(80 - 120)			SW846 8260B
	96	(80 - 120)	0.91	(0-30)	SW846 8260B
1,2-Dichloropropane	99	(82 - 115)			SW846 8260B
	99	(82 - 115)	0.25	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	89	(84 - 130)			SW846 8260B
	88	(84 - 130)	0.63	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	85	(84 - 130)			SW846 8260B
	85	(84 - 130)	0.18	(0-30)	SW846 8260B
Ethylbenzene	92	(86 - 116)			SW846 8260B
	93	(86 - 116)	0.58	(0-30)	SW846 8260B
2-Hexanone	102	(35 - 200)			SW846 8260B
	102	(35 - 200)	0.59	(0-52)	SW846 8260B
Isopropylbenzene	115	(70 - 130)			SW846 8260B
	115	(70 - 130)	0.21	(0-30)	SW846 8260B
Methyl acetate	119	(70 - 130)			SW846 8260B
	118	(70 - 130)	0.95	(0-30)	SW846 8260B
Methylene chloride	95	(78 - 118)			SW846 8260B
	97	(78 - 118)	2.9	(0-30)	SW846 8260B
Methylcyclohexane	98	(70 - 130)			SW846 8260B
	102	(70 - 130)	3.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	108	(78 - 141)			SW846 8260B
	106	(78 - 141)	2.4	(0-32)	SW846 8260B
Methyl tert-butyl ether (MTBE)	105	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.6	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLNH81AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D210000-091 KLNH81AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Styrene	92	(85 - 117)			SW846 8260B
	92	(85 - 117)	0.36	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	94	(85 - 118)			SW846 8260B
	90	(85 - 118)	3.7	(0-30)	SW846 8260B
Tetrachloroethene	89	(88 - 113)			SW846 8260B
	90	(88 - 113)	1.3	(0-30)	SW846 8260B
Toluene	**95**	**(74 - 119)**			**SW846 8260B**
	94	**(74 - 119)**	**0.43**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	93	(70 - 130)			SW846 8260B
	96	(70 - 130)	2.8	(0-30)	SW846 8260B
1,1,1-Trichloroethane	98	(78 - 140)			SW846 8260B
	99	(78 - 140)	1.2	(0-30)	SW846 8260B
1,1,2-Trichloroethane	86	(83 - 122)			SW846 8260B
	84	(83 - 122)	2.5	(0-30)	SW846 8260B
Trichloroethene	**90**	**(75 - 122)**			**SW846 8260B**
	90	**(75 - 122)**	**0.12**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	137 a	(70 - 130)			SW846 8260B
	149 a	(70 - 130)	8.4	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	124	(70 - 130)			SW846 8260B
	122	(70 - 130)	1.8	(0-30)	SW846 8260B
Vinyl chloride	106	(61 - 120)			SW846 8260B
	109	(61 - 120)	2.8	(0-30)	SW846 8260B
Xylenes (total)	93	(87 - 116)			SW846 8260B
	94	(87 - 116)	0.31	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
	97	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
	99	(61 - 128)
Toluene-d8	95	(76 - 110)
	93	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	94	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK1C61AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D090290-001 KK1C61AD-MSD
Date Sampled...: 04/07/08 17:33 **Date Received..:** 04/09/08
Prep Date.....: 04/16/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	8.2	ug/L	82	5.4	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	8.0	ug/L	80	7.0	SW846 8260B
Acetone	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	101	0.49	SW846 8260B
Benzene	**ND**	**10**	**8.3**	**ug/L**	**83**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**8.0**	**SW846 8260B**
Bromodichloromethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.3	ug/L	93	7.2	SW846 8260B
Bromoform	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	8.1	ug/L	81	8.0	SW846 8260B
Bromomethane	ND	10	6.9	ug/L	69		SW846 8260B
	ND	10	6.9	ug/L	69	0.07	SW846 8260B
2-Butanone	0.63	10	8.7	ug/L	81		SW846 8260B
	0.63	10	9.4	ug/L	88	7.5	SW846 8260B
Carbon disulfide	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	10	ug/L	103	13	SW846 8260B
Carbon tetrachloride	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	3.8	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.1**	**ug/L**	**81**		**SW846 8260B**
	ND	**10**	**8.8**	**ug/L**	**88**	**8.2**	**SW846 8260B**
Chloroethane	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.4	ug/L	84	4.9	SW846 8260B
Chloroform	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.4	ug/L	94	6.1	SW846 8260B
Chloromethane	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.2	ug/L	82	7.5	SW846 8260B
Cyclohexane	12	10	21	ug/L	84		SW846 8260B
	12	10	19	ug/L	72	5.7	SW846 8260B
Dibromochloromethane	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.3	ug/L	83	1.9	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	8.0	ug/L	80	7.6	SW846 8260B
1,2-Dibromoethane	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.8	ug/L	88	9.5	SW846 8260B
1,2-Dichlorobenzene	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	8.3	ug/L	83	6.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK1C61AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D090290-001 KK1C61AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.3	ug/L	83	8.2	SW846 8260B
1,4-Dichlorobenzene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.1	ug/L	81	5.2	SW846 8260B
Dichlorodifluoromethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	8.6	ug/L	86	10	SW846 8260B
1,1-Dichloroethane	ND	10	8.7	ug/L	87 a		SW846 8260B
	ND	10	9.7	ug/L	97	11	SW846 8260B
1,2-Dichloroethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.6	ug/L	96	6.8	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**2.6**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	8.4	ug/L	84 a		SW846 8260B
	ND	10	9.8	ug/L	98	15	SW846 8260B
trans-1,2-Dichloroethene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.6	ug/L	96	9.9	SW846 8260B
1,2-Dichloropropane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.7	ug/L	97	11	SW846 8260B
cis-1,3-Dichloropropene	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	7.5	ug/L	75 a	12	SW846 8260B
trans-1,3-Dichloropropene	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	7.4	ug/L	74	11	SW846 8260B
Ethylbenzene	ND	10	8.2	ug/L	82 a		SW846 8260B
	ND	10	8.9	ug/L	89	8.8	SW846 8260B
2-Hexanone	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	2.2	SW846 8260B
Isopropylbenzene	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	11	ug/L	106	10	SW846 8260B
Methyl acetate	ND	10	7.1	ug/L	71		SW846 8260B
	ND	10	7.8	ug/L	78	8.7	SW846 8260B
Methylene chloride	ND	10	8.0	ug/L	78 a		SW846 8260B
	ND	10	9.0	ug/L	87	11	SW846 8260B
Methylcyclohexane	5.9	10	15	ug/L	90		SW846 8260B
	5.9	10	13	ug/L	74	12	SW846 8260B
4-Methyl-2-pentanone	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.7	ug/L	97	6.0	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.6	ug/L	96	11	SW846 8260B
Styrene	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	9.1	ug/L	91	12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK1C61AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D090290-001 KK1C61AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	8.2	ug/L	82 a	0.62	SW846 8260B
Tetrachloroethene	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	8.2	ug/L	82 a	1.5	SW846 8260B
Toluene	**ND**	**10**	**8.0**	**ug/L**	**80**		**SW846 8260B**
	ND	**10**	**8.8**	**ug/L**	**88**	**9.5**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	8.4	ug/L	84	12	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	9.2	ug/L	92	8.0	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.4	ug/L	84 a		SW846 8260B
	ND	10	8.4	ug/L	84 a	0.09	SW846 8260B
Trichloroethene	**ND**	**10**	**8.2**	**ug/L**	**82**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**9.0**	**SW846 8260B**
Trichlorofluoromethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.3	ug/L	83	3.7	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	11	ug/L	107		SW846 8260B
	ND	10	10	ug/L	102	4.1	SW846 8260B
Vinyl chloride	ND	10	7.8	ug/L	78 a		SW846 8260B
	ND	10	8.5	ug/L	85 a	8.1	SW846 8260B
Xylenes (total)	ND	30	25	ug/L	82 a		SW846 8260B
	ND	30	28	ug/L	93	12	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
	100	(73 - 122)
1,2-Dichloroethane-d4	106	(61 - 128)
	95	(61 - 128)
Toluene-d8	98	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)
	96	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK1C61AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D090290-001 KK1C61AD-MSD
Date Sampled...: 04/07/08 17:33 **Date Received..:** 04/09/08
Prep Date.....: 04/16/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	78	(70 - 130)			SW846 8260B
	82	(70 - 130)	5.4	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	75	(70 - 130)			SW846 8260B
	80	(70 - 130)	7.0	(0-30)	SW846 8260B
Acetone	101	(45 - 128)			SW846 8260B
	101	(45 - 128)	0.49	(0-30)	SW846 8260B
Benzene	**83**	**(78 - 118)**			**SW846 8260B**
	90	**(78 - 118)**	**8.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	86	(80 - 146)			SW846 8260B
	93	(80 - 146)	7.2	(0-30)	SW846 8260B
Bromoform	75	(58 - 176)			SW846 8260B
	81	(58 - 176)	8.0	(0-30)	SW846 8260B
Bromomethane	69	(55 - 145)			SW846 8260B
	69	(55 - 145)	0.07	(0-30)	SW846 8260B
2-Butanone	81	(71 - 123)			SW846 8260B
	88	(71 - 123)	7.5	(0-30)	SW846 8260B
Carbon disulfide	90	(69 - 138)			SW846 8260B
	103	(69 - 138)	13	(0-41)	SW846 8260B
Carbon tetrachloride	86	(63 - 176)			SW846 8260B
	89	(63 - 176)	3.8	(0-30)	SW846 8260B
Chlorobenzene	**81**	**(76 - 117)**			**SW846 8260B**
	88	**(76 - 117)**	**8.2**	**(0-20)**	**SW846 8260B**
Chloroethane	80	(59 - 142)			SW846 8260B
	84	(59 - 142)	4.9	(0-30)	SW846 8260B
Chloroform	88	(83 - 141)			SW846 8260B
	94	(83 - 141)	6.1	(0-30)	SW846 8260B
Chloromethane	76	(40 - 137)			SW846 8260B
	82	(40 - 137)	7.5	(0-39)	SW846 8260B
Cyclohexane	84	(70 - 130)			SW846 8260B
	72	(70 - 130)	5.7	(0-30)	SW846 8260B
Dibromochloromethane	81	(71 - 158)			SW846 8260B
	83	(71 - 158)	1.9	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	74	(70 - 130)			SW846 8260B
	80	(70 - 130)	7.6	(0-30)	SW846 8260B
1,2-Dibromoethane	80	(70 - 130)			SW846 8260B
	88	(70 - 130)	9.5	(0-30)	SW846 8260B
1,2-Dichlorobenzene	78	(70 - 130)			SW846 8260B
	83	(70 - 130)	6.8	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK1C61AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D090290-001 KK1C61AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	76	(70 - 130)			SW846 8260B
	83	(70 - 130)	8.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	77	(70 - 130)			SW846 8260B
	81	(70 - 130)	5.2	(0-30)	SW846 8260B
Dichlorodifluoromethane	95	(70 - 130)			SW846 8260B
	86	(70 - 130)	10	(0-30)	SW846 8260B
1,1-Dichloroethane	87 a	(88 - 127)			SW846 8260B
	97	(88 - 127)	11	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(71 - 160)			SW846 8260B
	96	(71 - 160)	6.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**91**	**(62 - 130)**			**SW846 8260B**
	94	**(62 - 130)**	**2.6**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	84 a	(87 - 114)			SW846 8260B
	98	(87 - 114)	15	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	87	(85 - 116)			SW846 8260B
	96	(85 - 116)	9.9	(0-30)	SW846 8260B
1,2-Dichloropropane	87	(87 - 114)			SW846 8260B
	97	(87 - 114)	11	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	66 a	(82 - 130)			SW846 8260B
	75 a	(82 - 130)	12	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	66 a	(73 - 147)			SW846 8260B
	74	(73 - 147)	11	(0-30)	SW846 8260B
Ethylbenzene	82 a	(86 - 132)			SW846 8260B
	89	(86 - 132)	8.8	(0-30)	SW846 8260B
2-Hexanone	88	(81 - 128)			SW846 8260B
	90	(81 - 128)	2.2	(0-30)	SW846 8260B
Isopropylbenzene	95	(70 - 130)			SW846 8260B
	106	(70 - 130)	10	(0-30)	SW846 8260B
Methyl acetate	71	(70 - 130)			SW846 8260B
	78	(70 - 130)	8.7	(0-30)	SW846 8260B
Methylene chloride	78 a	(82 - 115)			SW846 8260B
	87	(82 - 115)	11	(0-30)	SW846 8260B
Methylcyclohexane	90	(70 - 130)			SW846 8260B
	74	(70 - 130)	12	(0-30)	SW846 8260B
4-Methyl-2-pentanone	91	(82 - 135)			SW846 8260B
	97	(82 - 135)	6.0	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	86	(70 - 130)			SW846 8260B
	96	(70 - 130)	11	(0-30)	SW846 8260B
Styrene	81 a	(83 - 120)			SW846 8260B
	91	(83 - 120)	12	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK1C61AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D090290-001 KK1C61AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	81 a	(88 - 116)			SW846 8260B
	82 a	(88 - 116)	0.62	(0-30)	SW846 8260B
Tetrachloroethene	81 a	(85 - 121)			SW846 8260B
	82 a	(85 - 121)	1.5	(0-30)	SW846 8260B
Toluene	**80**	**(70 - 119)**			**SW846 8260B**
	88	**(70 - 119)**	**9.5**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	74	(70 - 130)			SW846 8260B
	84	(70 - 130)	12	(0-30)	SW846 8260B
1,1,1-Trichloroethane	85	(71 - 162)			SW846 8260B
	92	(71 - 162)	8.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	84 a	(86 - 129)			SW846 8260B
	84 a	(86 - 129)	0.09	(0-30)	SW846 8260B
Trichloroethene	**82**	**(62 - 130)**			**SW846 8260B**
	90	**(62 - 130)**	**9.0**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	87	(70 - 130)			SW846 8260B
	83	(70 - 130)	3.7	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	107	(70 - 130)			SW846 8260B
	102	(70 - 130)	4.1	(0-30)	SW846 8260B
Vinyl chloride	78 a	(88 - 126)			SW846 8260B
	85 a	(88 - 126)	8.1	(0-30)	SW846 8260B
Xylenes (total)	82 a	(89 - 121)			SW846 8260B
	93	(89 - 121)	12	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
	100	(73 - 122)
1,2-Dichloroethane-d4	106	(61 - 128)
	95	(61 - 128)
Toluene-d8	98	(76 - 110)
	92	(76 - 110)
4-Bromofluorobenzene	100	(74 - 116)
	96	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK2EE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D100112-004 KK2EE1AD-MSD
Date Sampled...: 04/08/08 09:10 **Date Received..:** 04/10/08
Prep Date.....: 04/16/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	7.3	ug/L	73		SW846 8260B
	ND	10	8.4	ug/L	84	13	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	7.1	ug/L	71		SW846 8260B
	ND	10	8.2	ug/L	82	15	SW846 8260B
Acetone	ND	10	6.8	ug/L	68		SW846 8260B
	ND	10	8.4	ug/L	84	20	SW846 8260B
Benzene	**ND**	**10**	**8.5**	**ug/L**	**85**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**15**	**SW846 8260B**
Bromodichloromethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.8	ug/L	98	13	SW846 8260B
Bromoform	ND	10	6.9	ug/L	69		SW846 8260B
	ND	10	7.8	ug/L	78	12	SW846 8260B
Bromomethane	ND	10	6.7	ug/L	67		SW846 8260B
	ND	10	9.0	ug/L	90	29	SW846 8260B
2-Butanone	ND	10	12	ug/L	123		SW846 8260B
	ND	10	13	ug/L	132 a	6.4	SW846 8260B
Carbon disulfide	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	10	ug/L	100	10	SW846 8260B
Carbon tetrachloride	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	9.2	ug/L	92	9.1	SW846 8260B
Chlorobenzene	**ND**	**10**	**7.9**	**ug/L**	**79**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**13**	**SW846 8260B**
Chloroethane	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	9.8	ug/L	98 p	32	SW846 8260B
Chloroform	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.7	ug/L	97	10	SW846 8260B
Chloromethane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	9.5	ug/L	95	21	SW846 8260B
Cyclohexane	ND	10	7.3	ug/L	73		SW846 8260B
	ND	10	7.6	ug/L	76	2.9	SW846 8260B
Dibromochloromethane	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.8	ug/L	88	12	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	6.4	ug/L	64 a		SW846 8260B
	ND	10	8.0	ug/L	80	22	SW846 8260B
1,2-Dibromoethane	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	9.2	ug/L	92	12	SW846 8260B
1,2-Dichlorobenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	9.0	ug/L	90	17	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK2EE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D100112-004 KK2EE1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	8.8	ug/L	88	16	SW846 8260B
1,4-Dichlorobenzene	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	8.7	ug/L	87	12	SW846 8260B
Dichlorodifluoromethane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.4	ug/L	84	1.6	SW846 8260B
1,1-Dichloroethane	ND	10	8.5	ug/L	85 a		SW846 8260B
	ND	10	9.9	ug/L	99	15	SW846 8260B
1,2-Dichloroethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	10	ug/L	101	13	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.6**	**ug/L**	**96**	**7.6**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	8.6	ug/L	86 a		SW846 8260B
	ND	10	9.7	ug/L	97	11	SW846 8260B
trans-1,2-Dichloroethene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	10	ug/L	101	17	SW846 8260B
1,2-Dichloropropane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.9	ug/L	99	14	SW846 8260B
cis-1,3-Dichloropropene	ND	10	7.2	ug/L	72 a		SW846 8260B
	ND	10	8.1	ug/L	81 a	12	SW846 8260B
trans-1,3-Dichloropropene	ND	10	7.0	ug/L	70 a		SW846 8260B
	ND	10	8.1	ug/L	81	14	SW846 8260B
Ethylbenzene	ND	10	7.7	ug/L	77 a		SW846 8260B
	ND	10	9.0	ug/L	90	16	SW846 8260B
2-Hexanone	ND	10	8.0	ug/L	80 a		SW846 8260B
	ND	10	8.9	ug/L	89	11	SW846 8260B
Isopropylbenzene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	10	ug/L	101	13	SW846 8260B
Methyl acetate	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	9.3	ug/L	93	19	SW846 8260B
Methylene chloride	ND	10	7.7	ug/L	77 a		SW846 8260B
	ND	10	9.0	ug/L	90	16	SW846 8260B
Methylcyclohexane	ND	10	6.8	ug/L	68 a		SW846 8260B
	ND	10	7.0	ug/L	70	3.9	SW846 8260B
4-Methyl-2-pentanone	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	9.3	ug/L	93	9.2	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	9.7	ug/L	97	16	SW846 8260B
Styrene	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	9.1	ug/L	91	12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK2EE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D100112-004 KK2EE1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	10	7.5	ug/L	75 a		SW846 8260B
	ND	10	9.3	ug/L	93	20	SW846 8260B
Tetrachloroethene	ND	10	7.7	ug/L	77 a		SW846 8260B
	ND	10	9.1	ug/L	91	17	SW846 8260B
Toluene	**ND**	**10**	**8.1**	**ug/L**	**81**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**12**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	8.2	ug/L	82	16	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	9.8	ug/L	98	15	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.2	ug/L	82 a		SW846 8260B
	ND	10	9.3	ug/L	93	13	SW846 8260B
Trichloroethene	**ND**	**10**	**8.3**	**ug/L**	**83**		**SW846 8260B**
	ND	**10**	**9.7**	**ug/L**	**97**	**15**	**SW846 8260B**
Trichlorofluoromethane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	9.3	ug/L	93	19	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	101	0.32	SW846 8260B
Vinyl chloride	ND	10	7.6	ug/L	76 a		SW846 8260B
	ND	10	8.8	ug/L	88	16	SW846 8260B
Xylenes (total)	ND	30	24	ug/L	79 a		SW846 8260B
	ND	30	27	ug/L	88 a	12	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
	102	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	103	(61 - 128)
Toluene-d8	92	(76 - 110)
	95	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	93	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK2EE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D100112-004 KK2EE1AD-MSD
Date Sampled...: 04/08/08 09:10 **Date Received..:** 04/10/08
Prep Date.....: 04/16/08 **Analysis Date..:** 04/16/08
Prep Batch #...: 8107215
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	73	(70 - 130)			SW846 8260B
	84	(70 - 130)	13	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	71	(70 - 130)			SW846 8260B
	82	(70 - 130)	15	(0-30)	SW846 8260B
Acetone	68	(45 - 128)			SW846 8260B
	84	(45 - 128)	20	(0-30)	SW846 8260B
Benzene	**85**	**(78 - 118)**			**SW846 8260B**
	98	**(78 - 118)**	**15**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	86	(80 - 146)			SW846 8260B
	98	(80 - 146)	13	(0-30)	SW846 8260B
Bromoform	69	(58 - 176)			SW846 8260B
	78	(58 - 176)	12	(0-30)	SW846 8260B
Bromomethane	67	(55 - 145)			SW846 8260B
	90	(55 - 145)	29	(0-30)	SW846 8260B
2-Butanone	123	(71 - 123)			SW846 8260B
	132 a	(71 - 123)	6.4	(0-30)	SW846 8260B
Carbon disulfide	91	(69 - 138)			SW846 8260B
	100	(69 - 138)	10	(0-41)	SW846 8260B
Carbon tetrachloride	84	(63 - 176)			SW846 8260B
	92	(63 - 176)	9.1	(0-30)	SW846 8260B
Chlorobenzene	**79**	**(76 - 117)**			**SW846 8260B**
	90	**(76 - 117)**	**13**	**(0-20)**	**SW846 8260B**
Chloroethane	70	(59 - 142)			SW846 8260B
	98 p	(59 - 142)	32	(0-30)	SW846 8260B
Chloroform	88	(83 - 141)			SW846 8260B
	97	(83 - 141)	10	(0-30)	SW846 8260B
Chloromethane	77	(40 - 137)			SW846 8260B
	95	(40 - 137)	21	(0-39)	SW846 8260B
Cyclohexane	73	(70 - 130)			SW846 8260B
	76	(70 - 130)	2.9	(0-30)	SW846 8260B
Dibromochloromethane	79	(71 - 158)			SW846 8260B
	88	(71 - 158)	12	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	64 a	(70 - 130)			SW846 8260B
	80	(70 - 130)	22	(0-30)	SW846 8260B
1,2-Dibromoethane	81	(70 - 130)			SW846 8260B
	92	(70 - 130)	12	(0-30)	SW846 8260B
1,2-Dichlorobenzene	76	(70 - 130)			SW846 8260B
	90	(70 - 130)	17	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK2EE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D100112-004 KK2EE1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	75	(70 - 130)			SW846 8260B
	88	(70 - 130)	16	(0-30)	SW846 8260B
1,4-Dichlorobenzene	78	(70 - 130)			SW846 8260B
	87	(70 - 130)	12	(0-30)	SW846 8260B
Dichlorodifluoromethane	85	(70 - 130)			SW846 8260B
	84	(70 - 130)	1.6	(0-30)	SW846 8260B
1,1-Dichloroethane	85 a	(88 - 127)			SW846 8260B
	99	(88 - 127)	15	(0-30)	SW846 8260B
1,2-Dichloroethane	89	(71 - 160)			SW846 8260B
	101	(71 - 160)	13	(0-30)	SW846 8260B
1,1-Dichloroethene	**89**	**(62 - 130)**			**SW846 8260B**
	96	**(62 - 130)**	**7.6**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	86 a	(87 - 114)			SW846 8260B
	97	(87 - 114)	11	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	85	(85 - 116)			SW846 8260B
	101	(85 - 116)	17	(0-30)	SW846 8260B
1,2-Dichloropropane	87	(87 - 114)			SW846 8260B
	99	(87 - 114)	14	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	72 a	(82 - 130)			SW846 8260B
	81 a	(82 - 130)	12	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	70 a	(73 - 147)			SW846 8260B
	81	(73 - 147)	14	(0-30)	SW846 8260B
Ethylbenzene	77 a	(86 - 132)			SW846 8260B
	90	(86 - 132)	16	(0-30)	SW846 8260B
2-Hexanone	80 a	(81 - 128)			SW846 8260B
	89	(81 - 128)	11	(0-30)	SW846 8260B
Isopropylbenzene	89	(70 - 130)			SW846 8260B
	101	(70 - 130)	13	(0-30)	SW846 8260B
Methyl acetate	77	(70 - 130)			SW846 8260B
	93	(70 - 130)	19	(0-30)	SW846 8260B
Methylene chloride	77 a	(82 - 115)			SW846 8260B
	90	(82 - 115)	16	(0-30)	SW846 8260B
Methylcyclohexane	68 a	(70 - 130)			SW846 8260B
	70	(70 - 130)	3.9	(0-30)	SW846 8260B
4-Methyl-2-pentanone	84	(82 - 135)			SW846 8260B
	93	(82 - 135)	9.2	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	83	(70 - 130)			SW846 8260B
	97	(70 - 130)	16	(0-30)	SW846 8260B
Styrene	81 a	(83 - 120)			SW846 8260B
	91	(83 - 120)	12	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KK2EE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D100112-004 KK2EE1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	75 a	(88 - 116)			SW846 8260B
	93	(88 - 116)	20	(0-30)	SW846 8260B
Tetrachloroethene	77 a	(85 - 121)			SW846 8260B
	91	(85 - 121)	17	(0-30)	SW846 8260B
Toluene	**81**	**(70 - 119)**			**SW846 8260B**
	91	**(70 - 119)**	**12**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	70	(70 - 130)			SW846 8260B
	82	(70 - 130)	16	(0-30)	SW846 8260B
1,1,1-Trichloroethane	84	(71 - 162)			SW846 8260B
	98	(71 - 162)	15	(0-30)	SW846 8260B
1,1,2-Trichloroethane	82 a	(86 - 129)			SW846 8260B
	93	(86 - 129)	13	(0-30)	SW846 8260B
Trichloroethene	**83**	**(62 - 130)**			**SW846 8260B**
	97	**(62 - 130)**	**15**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	77	(70 - 130)			SW846 8260B
	93	(70 - 130)	19	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	102	(70 - 130)			SW846 8260B
	101	(70 - 130)	0.32	(0-30)	SW846 8260B
Vinyl chloride	76 a	(88 - 126)			SW846 8260B
	88	(88 - 126)	16	(0-30)	SW846 8260B
Xylenes (total)	79 a	(89 - 121)			SW846 8260B
	88 a	(89 - 121)	12	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(73 - 122)
	102	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	103	(61 - 128)
Toluene-d8	92	(76 - 110)
	95	(76 - 110)
4-Bromofluorobenzene	96	(74 - 116)
	93	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1AK-MSD
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/20/08 **Analysis Date..:** 04/20/08
Prep Batch #...: 8112063
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.1	ug/L	91	1.0	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.2	ug/L	92	2.1	SW846 8260B
Acetone	ND	10	7.3	ug/L	73		SW846 8260B
	ND	10	8.7	ug/L	87	18	SW846 8260B
Benzene	**ND**	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**2.6**	**SW846 8260B**
Bromodichloromethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.1	ug/L	91	0.59	SW846 8260B
Bromoform	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.9	ug/L	89	2.3	SW846 8260B
Bromomethane	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	9.0	ug/L	90	25	SW846 8260B
2-Butanone	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.7	ug/L	87	2.6	SW846 8260B
Carbon disulfide	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	105	4.2	SW846 8260B
Carbon tetrachloride	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.3	ug/L	93	3.8	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**2.4**	**SW846 8260B**
Chloroethane	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	9.8	ug/L	98	20	SW846 8260B
Chloroform	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.1	ug/L	91	3.6	SW846 8260B
Chloromethane	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.8	ug/L	88	8.9	SW846 8260B
Cyclohexane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.1	ug/L	91	3.3	SW846 8260B
Dibromochloromethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	2.3	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.0	ug/L	90	1.9	SW846 8260B
1,2-Dibromoethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.2	ug/L	92	4.6	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	2.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.2	ug/L	92	1.2	SW846 8260B
1,4-Dichlorobenzene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.2	ug/L	92	2.2	SW846 8260B
Dichlorodifluoromethane	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	7.3	ug/L	73	4.6	SW846 8260B
1,1-Dichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.5	SW846 8260B
1,2-Dichloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.3	ug/L	93	3.9	SW846 8260B
1,1-Dichloroethene	**0.65**	**10**	**10**	**ug/L**	**98**		**SW846 8260B**
	0.65	**10**	**10**	**ug/L**	**98**	**0.25**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.3	ug/L	93	3.7	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.6	ug/L	96	3.3	SW846 8260B
1,2-Dichloropropane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.5	ug/L	95	4.4	SW846 8260B
cis-1,3-Dichloropropene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.1	ug/L	91	3.9	SW846 8260B
trans-1,3-Dichloropropene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.0	ug/L	90	2.8	SW846 8260B
Ethylbenzene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.1	ug/L	91	1.1	SW846 8260B
2-Hexanone	ND	10	10	ug/L	103		SW846 8260B
	ND	10	9.8	ug/L	98	5.0	SW846 8260B
Isopropylbenzene	ND	10	11	ug/L	108		SW846 8260B
	ND	10	11	ug/L	110	2.2	SW846 8260B
Methyl acetate	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.5	ug/L	95	10	SW846 8260B
Methylene chloride	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.9	ug/L	89	2.4	SW846 8260B
Methylcyclohexane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.1	ug/L	91	2.5	SW846 8260B
4-Methyl-2-pentanone	ND	10	10	ug/L	101		SW846 8260B
	ND	10	10	ug/L	104	3.5	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.8	ug/L	98	3.0	SW846 8260B
Styrene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.1	ug/L	91	2.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.1	ug/L	91	0.69	SW846 8260B
Tetrachloroethene	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.1	ug/L	91	1.3	SW846 8260B
Toluene	**ND**	**10**	**8.7**	**ug/L**	**87**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**3.9**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.0	ug/L	90	4.8	SW846 8260B
1,1,1-Trichloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.5	ug/L	95	4.6	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	3.0	SW846 8260B
Trichloroethene	**ND**	**10**	**9.1**	**ug/L**	**91**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**2.6**	**SW846 8260B**
Trichlorofluoromethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	10	ug/L	103	7.9	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	111	2.0	SW846 8260B
Vinyl chloride	ND	10	8.4	ug/L	84 a		SW846 8260B
	ND	10	8.6	ug/L	86 a	1.8	SW846 8260B
Xylenes (total)	ND	30	27	ug/L	89		SW846 8260B
	ND	30	27	ug/L	91	2.2	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	94	(61 - 128)
Toluene-d8	91	(76 - 110)
	93	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)
	93	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1AK-MSD
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/20/08 **Analysis Date..:** 04/20/08
Prep Batch #...: 8112063
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	91	(70 - 130)	1.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	90	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.1	(0-30)	SW846 8260B
Acetone	73	(45 - 128)			SW846 8260B
	87	(45 - 128)	18	(0-30)	SW846 8260B
Benzene	**90**	**(78 - 118)**			**SW846 8260B**
	92	**(78 - 118)**	**2.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	91	(80 - 146)			SW846 8260B
	91	(80 - 146)	0.59	(0-30)	SW846 8260B
Bromoform	87	(58 - 176)			SW846 8260B
	89	(58 - 176)	2.3	(0-30)	SW846 8260B
Bromomethane	70	(55 - 145)			SW846 8260B
	90	(55 - 145)	25	(0-30)	SW846 8260B
2-Butanone	85	(71 - 123)			SW846 8260B
	87	(71 - 123)	2.6	(0-30)	SW846 8260B
Carbon disulfide	100	(69 - 138)			SW846 8260B
	105	(69 - 138)	4.2	(0-41)	SW846 8260B
Carbon tetrachloride	89	(63 - 176)			SW846 8260B
	93	(63 - 176)	3.8	(0-30)	SW846 8260B
Chlorobenzene	**89**	**(76 - 117)**			**SW846 8260B**
	91	**(76 - 117)**	**2.4**	**(0-20)**	**SW846 8260B**
Chloroethane	80	(59 - 142)			SW846 8260B
	98	(59 - 142)	20	(0-30)	SW846 8260B
Chloroform	88	(83 - 141)			SW846 8260B
	91	(83 - 141)	3.6	(0-30)	SW846 8260B
Chloromethane	80	(40 - 137)			SW846 8260B
	88	(40 - 137)	8.9	(0-39)	SW846 8260B
Cyclohexane	88	(70 - 130)			SW846 8260B
	91	(70 - 130)	3.3	(0-30)	SW846 8260B
Dibromochloromethane	88	(71 - 158)			SW846 8260B
	90	(71 - 158)	2.3	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	91	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.9	(0-30)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)			SW846 8260B
	92	(70 - 130)	4.6	(0-30)	SW846 8260B
1,2-Dichlorobenzene	88	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.0	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	90	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.2	(0-30)	SW846 8260B
Dichlorodifluoromethane	70	(70 - 130)			SW846 8260B
	73	(70 - 130)	4.6	(0-30)	SW846 8260B
1,1-Dichloroethane	92	(88 - 127)			SW846 8260B
	95	(88 - 127)	3.5	(0-30)	SW846 8260B
1,2-Dichloroethane	90	(71 - 160)			SW846 8260B
	93	(71 - 160)	3.9	(0-30)	SW846 8260B
1,1-Dichloroethene	**98**	**(62 - 130)**			**SW846 8260B**
	98	**(62 - 130)**	**0.25**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	90	(87 - 114)			SW846 8260B
	93	(87 - 114)	3.7	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	93	(85 - 116)			SW846 8260B
	96	(85 - 116)	3.3	(0-30)	SW846 8260B
1,2-Dichloropropane	91	(87 - 114)			SW846 8260B
	95	(87 - 114)	4.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	87	(82 - 130)			SW846 8260B
	91	(82 - 130)	3.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	87	(73 - 147)			SW846 8260B
	90	(73 - 147)	2.8	(0-30)	SW846 8260B
Ethylbenzene	90	(86 - 132)			SW846 8260B
	91	(86 - 132)	1.1	(0-30)	SW846 8260B
2-Hexanone	103	(81 - 128)			SW846 8260B
	98	(81 - 128)	5.0	(0-30)	SW846 8260B
Isopropylbenzene	108	(70 - 130)			SW846 8260B
	110	(70 - 130)	2.2	(0-30)	SW846 8260B
Methyl acetate	86	(70 - 130)			SW846 8260B
	95	(70 - 130)	10	(0-30)	SW846 8260B
Methylene chloride	87	(82 - 115)			SW846 8260B
	89	(82 - 115)	2.4	(0-30)	SW846 8260B
Methylcyclohexane	89	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone	101	(82 - 135)			SW846 8260B
	104	(82 - 135)	3.5	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	95	(70 - 130)			SW846 8260B
	98	(70 - 130)	3.0	(0-30)	SW846 8260B
Styrene	89	(83 - 120)			SW846 8260B
	91	(83 - 120)	2.4	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1AJ-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	90	(88 - 116)			SW846 8260B
	91	(88 - 116)	0.69	(0-30)	SW846 8260B
Tetrachloroethene	90	(85 - 121)			SW846 8260B
	91	(85 - 121)	1.3	(0-30)	SW846 8260B
Toluene	**87**	**(70 - 119)**			**SW846 8260B**
	91	**(70 - 119)**	**3.9**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	86	(70 - 130)			SW846 8260B
	90	(70 - 130)	4.8	(0-30)	SW846 8260B
1,1,1-Trichloroethane	90	(71 - 162)			SW846 8260B
	95	(71 - 162)	4.6	(0-30)	SW846 8260B
1,1,2-Trichloroethane	86	(86 - 129)			SW846 8260B
	89	(86 - 129)	3.0	(0-30)	SW846 8260B
Trichloroethene	**91**	**(62 - 130)**			**SW846 8260B**
	94	**(62 - 130)**	**2.6**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	95	(70 - 130)			SW846 8260B
	103	(70 - 130)	7.9	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	109	(70 - 130)			SW846 8260B
	111	(70 - 130)	2.0	(0-30)	SW846 8260B
Vinyl chloride	84 a	(88 - 126)			SW846 8260B
	86 a	(88 - 126)	1.8	(0-30)	SW846 8260B
Xylenes (total)	89	(89 - 121)			SW846 8260B
	91	(89 - 121)	2.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(73 - 122)
	93	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	94	(61 - 128)
Toluene-d8	91	(76 - 110)
	93	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)
	93	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLHWK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D170310-004 KLHWK1AD-MSD
Date Sampled...: 04/16/08 16:30 **Date Received..:** 04/17/08
Prep Date.....: 04/18/08 **Analysis Date..:** 04/18/08
Prep Batch #...: 8112091
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.0	ug/L	90	2.2	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.9	ug/L	89	0.01	SW846 8260B
Acetone	ND	10	13	ug/L	125		SW846 8260B
	ND	10	12	ug/L	121	3.3	SW846 8260B
Benzene	**ND**	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**0.77**	**SW846 8260B**
Bromodichloromethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.7	ug/L	87	0.48	SW846 8260B
Bromoform	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	7.1	ug/L	71	0.86	SW846 8260B
Bromomethane	ND	10	16	ug/L	162 a		SW846 8260B
	ND	10	11	ug/L	106 p	42	SW846 8260B
2-Butanone	0.72	10	10	ug/L	95		SW846 8260B
	0.72	10	11	ug/L	100	4.4	SW846 8260B
Carbon disulfide	ND	10	12	ug/L	115		SW846 8260B
	ND	10	11	ug/L	113	1.6	SW846 8260B
Carbon tetrachloride	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.5	ug/L	95	0.75	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.8**	**ug/L**	**88**		**SW846 8260B**
	ND	**10**	**8.8**	**ug/L**	**88**	**0.69**	**SW846 8260B**
Chloroethane	ND	10	15	ug/L	149 a		SW846 8260B
	ND	10	11	ug/L	109 p	31	SW846 8260B
Chloroform	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.3	ug/L	93	1.5	SW846 8260B
Chloromethane	ND	10	14	ug/L	140 a		SW846 8260B
	ND	10	12	ug/L	119	16	SW846 8260B
Cyclohexane	ND	10	11	ug/L	108		SW846 8260B
	ND	10	11	ug/L	106	2.7	SW846 8260B
Dibromochloromethane	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	7.9	ug/L	79	0.75	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	7.3	ug/L	73		SW846 8260B
	ND	10	7.5	ug/L	75	1.6	SW846 8260B
1,2-Dibromoethane	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.2	ug/L	82	1.3	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.9	ug/L	89	4.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLHWK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D170310-004 KLHWK1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.5	ug/L	85	1.3	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.6	ug/L	86	0.32	SW846 8260B
Dichlorodifluoromethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.2	ug/L	92	4.0	SW846 8260B
1,1-Dichloroethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.9	ug/L	99	0.64	SW846 8260B
1,2-Dichloroethane	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.6	ug/L	96	1.6	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**9.7**	**ug/L**	**97**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**3.4**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.1	ug/L	91	0.52	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.1	ug/L	91	0.06	SW846 8260B
1,2-Dichloropropane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.13	SW846 8260B
cis-1,3-Dichloropropene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.1	ug/L	81 a	2.3	SW846 8260B
trans-1,3-Dichloropropene	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	7.8	ug/L	78	0.24	SW846 8260B
Ethylbenzene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.8	ug/L	88	0.25	SW846 8260B
2-Hexanone	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.4	ug/L	94	0.75	SW846 8260B
Isopropylbenzene	ND	10	11	ug/L	106		SW846 8260B
	ND	10	11	ug/L	109	2.8	SW846 8260B
Methyl acetate	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.4	ug/L	94	2.6	SW846 8260B
Methylene chloride	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.0	ug/L	90	0.14	SW846 8260B
Methylcyclohexane	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.6	ug/L	96	1.2	SW846 8260B
4-Methyl-2-pentanone	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.8	ug/L	98	2.1	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.8	ug/L	98	0.06	SW846 8260B
Styrene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.7	ug/L	87	0.39	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLHWK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D170310-004 KLHWK1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2,2-Tetrachloroethane	ND	10	8.7	ug/L	87 a		SW846 8260B
	ND	10	8.8	ug/L	88	1.3	SW846 8260B
Tetrachloroethene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.4	ug/L	84 a	0.14	SW846 8260B
Toluene	**ND**	**10**	**8.8**	**ug/L**	**88**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**1.5**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.1	ug/L	91	5.5	SW846 8260B
1,1,1-Trichloroethane	ND	10	9.7	ug/L	97		SW846 8260B
	ND	10	9.6	ug/L	96	0.40	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.0	ug/L	80 a		SW846 8260B
	ND	10	8.1	ug/L	81 a	1.0	SW846 8260B
Trichloroethene	**ND**	**10**	**8.4**	**ug/L**	**84**		**SW846 8260B**
	ND	**10**	**8.2**	**ug/L**	**82**	**2.3**	**SW846 8260B**
Trichlorofluoromethane	ND	10	15	ug/L	153 a		SW846 8260B
	ND	10	14	ug/L	143 a	7.0	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	12	ug/L	124		SW846 8260B
	ND	10	12	ug/L	123	0.23	SW846 8260B
Vinyl chloride	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	105	3.3	SW846 8260B
Xylenes (total)	ND	30	26	ug/L	88 a		SW846 8260B
	ND	30	27	ug/L	89	1.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
	94	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	99	(61 - 128)
Toluene-d8	93	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	96	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLHWK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D170310-004 KLHWK1AD-MSD
Date Sampled...: 04/16/08 16:30 **Date Received..:** 04/17/08
Prep Date.....: 04/18/08 **Analysis Date..:** 04/18/08
Prep Batch #...: 8112091
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	88	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	89	(70 - 130)	0.01	(0-30)	SW846 8260B
Acetone	125	(45 - 128)			SW846 8260B
	121	(45 - 128)	3.3	(0-30)	SW846 8260B
Benzene	**92**	**(78 - 118)**			**SW846 8260B**
	91	**(78 - 118)**	**0.77**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	88	(80 - 146)			SW846 8260B
	87	(80 - 146)	0.48	(0-30)	SW846 8260B
Bromoform	70	(58 - 176)			SW846 8260B
	71	(58 - 176)	0.86	(0-30)	SW846 8260B
Bromomethane	162 a	(55 - 145)			SW846 8260B
	106 p	(55 - 145)	42	(0-30)	SW846 8260B
2-Butanone	95	(71 - 123)			SW846 8260B
	100	(71 - 123)	4.4	(0-30)	SW846 8260B
Carbon disulfide	115	(69 - 138)			SW846 8260B
	113	(69 - 138)	1.6	(0-41)	SW846 8260B
Carbon tetrachloride	96	(63 - 176)			SW846 8260B
	95	(63 - 176)	0.75	(0-30)	SW846 8260B
Chlorobenzene	**88**	**(76 - 117)**			**SW846 8260B**
	88	**(76 - 117)**	**0.69**	**(0-20)**	**SW846 8260B**
Chloroethane	149 a	(59 - 142)			SW846 8260B
	109 p	(59 - 142)	31	(0-30)	SW846 8260B
Chloroform	94	(83 - 141)			SW846 8260B
	93	(83 - 141)	1.5	(0-30)	SW846 8260B
Chloromethane	140 a	(40 - 137)			SW846 8260B
	119	(40 - 137)	16	(0-39)	SW846 8260B
Cyclohexane	108	(70 - 130)			SW846 8260B
	106	(70 - 130)	2.7	(0-30)	SW846 8260B
Dibromochloromethane	78	(71 - 158)			SW846 8260B
	79	(71 - 158)	0.75	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	73	(70 - 130)			SW846 8260B
	75	(70 - 130)	1.6	(0-30)	SW846 8260B
1,2-Dibromoethane	81	(70 - 130)			SW846 8260B
	82	(70 - 130)	1.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.2	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLHWK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D170310-004 KLHWK1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	86	(70 - 130)			SW846 8260B
	85	(70 - 130)	1.3	(0-30)	SW846 8260B
1,4-Dichlorobenzene	86	(70 - 130)			SW846 8260B
	86	(70 - 130)	0.32	(0-30)	SW846 8260B
Dichlorodifluoromethane	95	(70 - 130)			SW846 8260B
	92	(70 - 130)	4.0	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(88 - 127)			SW846 8260B
	99	(88 - 127)	0.64	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(71 - 160)			SW846 8260B
	96	(71 - 160)	1.6	(0-30)	SW846 8260B
1,1-Dichloroethene	**97**	**(62 - 130)**			**SW846 8260B**
	94	**(62 - 130)**	**3.4**	**(0-20)**	**SW846 8260B**
cis-1,2-Dichloroethene	91	(87 - 114)			SW846 8260B
	91	(87 - 114)	0.52	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	91	(85 - 116)			SW846 8260B
	91	(85 - 116)	0.06	(0-30)	SW846 8260B
1,2-Dichloropropane	94	(87 - 114)			SW846 8260B
	94	(87 - 114)	0.13	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	83	(82 - 130)			SW846 8260B
	81 a	(82 - 130)	2.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	78	(73 - 147)			SW846 8260B
	78	(73 - 147)	0.24	(0-30)	SW846 8260B
Ethylbenzene	87	(86 - 132)			SW846 8260B
	88	(86 - 132)	0.25	(0-30)	SW846 8260B
2-Hexanone	93	(81 - 128)			SW846 8260B
	94	(81 - 128)	0.75	(0-30)	SW846 8260B
Isopropylbenzene	106	(70 - 130)			SW846 8260B
	109	(70 - 130)	2.8	(0-30)	SW846 8260B
Methyl acetate	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.6	(0-30)	SW846 8260B
Methylene chloride	90	(82 - 115)			SW846 8260B
	90	(82 - 115)	0.14	(0-30)	SW846 8260B
Methylcyclohexane	98	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	100	(82 - 135)			SW846 8260B
	98	(82 - 135)	2.1	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	98	(70 - 130)			SW846 8260B
	98	(70 - 130)	0.06	(0-30)	SW846 8260B
Styrene	86	(83 - 120)			SW846 8260B
	87	(83 - 120)	0.39	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: 8D08112 **Work Order #...:** KLHWK1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A8D170310-004 KLHWK1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2,2-Tetrachloroethane	87 a	(88 - 116)			SW846 8260B
	88	(88 - 116)	1.3	(0-30)	SW846 8260B
Tetrachloroethene	85	(85 - 121)			SW846 8260B
	84 a	(85 - 121)	0.14	(0-30)	SW846 8260B
Toluene	**88**	**(70 - 119)**			**SW846 8260B**
	90	**(70 - 119)**	**1.5**	**(0-20)**	**SW846 8260B**
1,2,4-Trichloro-benzene	86	(70 - 130)			SW846 8260B
	91	(70 - 130)	5.5	(0-30)	SW846 8260B
1,1,1-Trichloroethane	97	(71 - 162)			SW846 8260B
	96	(71 - 162)	0.40	(0-30)	SW846 8260B
1,1,2-Trichloroethane	80 a	(86 - 129)			SW846 8260B
	81 a	(86 - 129)	1.0	(0-30)	SW846 8260B
Trichloroethene	**84**	**(62 - 130)**			**SW846 8260B**
	82	**(62 - 130)**	**2.3**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	153 a	(70 - 130)			SW846 8260B
	143 a	(70 - 130)	7.0	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	124	(70 - 130)			SW846 8260B
	123	(70 - 130)	0.23	(0-30)	SW846 8260B
Vinyl chloride	109	(88 - 126)			SW846 8260B
	105	(88 - 126)	3.3	(0-30)	SW846 8260B
Xylenes (total)	88 a	(89 - 121)			SW846 8260B
	89	(89 - 121)	1.7	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(73 - 122)
	94	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
	99	(61 - 128)
Toluene-d8	93	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	94	(74 - 116)
	96	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

GCMS SEMIVOLATILE DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ31AF **Matrix.....:** WG
Date Sampled...: 04/07/08 10:25 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Initial Wgt/Vol:** 890 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ31AF **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ31AF **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67	(27 - 111)
2-Fluorobiphenyl	47	(28 - 110)
Terphenyl-d14	88	(37 - 119)
Phenol-d5	22	(10 - 110)
2-Fluorophenol	32	(10 - 110)
2,4,6-Tribromophenol	76	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD1AQ **Matrix.....:** WG
Date Sampled...: 04/07/08 11:30 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Initial Wgt/Vol:** 860 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(27 - 111)
2-Fluorobiphenyl	38	(28 - 110)
Terphenyl-d14	83	(37 - 119)
Phenol-d5	21	(10 - 110)
2-Fluorophenol	30	(10 - 110)
2,4,6-Tribromophenol	74	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG1AQ **Matrix.....:** WG
Date Sampled...: 04/07/08 13:20 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Initial Wgt/Vol:** 860 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	43	(28 - 110)
Terphenyl-d14	81	(37 - 119)
Phenol-d5	26	(10 - 110)
2-Fluorophenol	38	(10 - 110)
2,4,6-Tribromophenol	75	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH1AQ **Matrix.....:** WG
Date Sampled...: 04/07/08 14:40 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Initial Wgt/Vol:** 560 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.8	ug/L	0.52
Pyridine	ND	1.8	ug/L	0.78
Acenaphthene	**0.66**	**0.36**	**ug/L**	**0.054**
Acenaphthylene	ND	0.36	ug/L	0.054
Acetophenone	ND	1.8	ug/L	0.55
Anthracene	**1.3**	**0.36**	**ug/L**	**0.054**
Atrazine	ND	1.8	ug/L	0.65
Benzo(a)anthracene	**3.4**	**0.36**	**ug/L**	**0.052**
Benzo(a)pyrene	**3.3**	**0.36**	**ug/L**	**0.048**
Benzo(b)fluoranthene	**4.1**	**0.36**	**ug/L**	**0.049**
Benzo(ghi)perylene	**2.2**	**0.36**	**ug/L**	**0.053**
Benzo(k)fluoranthene	**1.7**	**0.36**	**ug/L**	**0.049**
Benzaldehyde	ND	1.8	ug/L	0.75
1,1'-Biphenyl	ND	1.8	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.8	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.8	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**0.90 J**	**1.8**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	3.6	ug/L	0.52
Butyl benzyl phthalate	ND	1.8	ug/L	0.51
Caprolactam	ND	9.0	ug/L	0.61
Carbazole	**0.97 J**	**1.8**	**ug/L**	**0.54**
4-Chloroaniline	ND	3.6	ug/L	0.56
4-Chloro-3-methylphenol	ND	3.6	ug/L	0.41
2-Chloronaphthalene	ND	1.8	ug/L	0.62
2-Chlorophenol	ND	1.8	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	3.6	ug/L	0.55
Chrysene	**3.3**	**0.36**	**ug/L**	**0.048**
Dibenz(a,h)anthracene	**0.61**	**0.36**	**ug/L**	**0.039**
Dibenzofuran	ND	1.8	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.8	ug/L	0.48
2,4-Dichlorophenol	ND	3.6	ug/L	1.1
Diethyl phthalate	ND	1.8	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	3.6	ug/L	0.56
Dimethyl phthalate	ND	1.8	ug/L	0.44
Di-n-butyl phthalate	**0.73 J**	**1.8**	**ug/L**	**0.61**
4,6-Dinitro-2-methylphenol	ND	9.0	ug/L	0.27
2,4-Dinitrophenol	ND	9.0	ug/L	3.5
2,4-Dinitrotoluene	ND	9.0	ug/L	0.40
2,6-Dinitrotoluene	ND	9.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.8	ug/L	0.39
Fluoranthene	**8.4**	**0.36**	**ug/L**	**0.036**
Fluorene	**0.72**	**0.36**	**ug/L**	**0.043**
Hexachlorobenzene	ND	0.36	ug/L	0.065
Hexachlorobutadiene	ND	1.8	ug/L	0.51
Hexachlorocyclopenta-diene	ND	9.0	ug/L	0.74
Hexachloroethane	ND	1.8	ug/L	0.58
Indeno(1,2,3-cd)pyrene	**2.0**	**0.36**	**ug/L**	**0.065**
Isophorone	ND	1.8	ug/L	0.50
2-Methylnaphthalene	ND	0.36	ug/L	0.061
2-Methylphenol	ND	1.8	ug/L	0.56
4-Methylphenol	ND	1.8	ug/L	0.64
Naphthalene	ND	0.36	ug/L	0.069
2-Nitroaniline	ND	3.6	ug/L	0.43
3-Nitroaniline	ND	3.6	ug/L	0.67
4-Nitroaniline	ND	3.6	ug/L	0.47
Nitrobenzene	ND	1.8	ug/L	0.053
2-Nitrophenol	ND	3.6	ug/L	1.3
4-Nitrophenol	ND	9.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.8	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.8	ug/L	0.46
Pentachlorophenol	ND	9.0	ug/L	0.48
Phenanthrene	**5.8**	**0.36**	**ug/L**	**0.087**
Phenol	ND	1.8	ug/L	0.96
Pyrene	**6.3**	**0.36**	**ug/L**	**0.048**
2,4,5-Trichloro-phenol	ND	9.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	7.2	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	65	(27 - 111)
2-Fluorobiphenyl	48	(28 - 110)
Terphenyl-d14	84	(37 - 119)
Phenol-d5	33	(10 - 110)
2-Fluorophenol	44	(10 - 110)
2,4,6-Tribromophenol	81	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK1AQ **Matrix.....:** WG
Date Sampled...: 04/07/08 15:40 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Initial Wgt/Vol:** 910 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	**0.35**	**0.20**	**ug/L**	**0.052**
Benzo(a)pyrene	**0.30**	**0.20**	**ug/L**	**0.048**
Benzo(b)fluoranthene	**0.35**	**0.20**	**ug/L**	**0.049**
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	**0.97 J**	**1.0**	**ug/L**	**0.88**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	**0.32**	**0.20**	**ug/L**	**0.048**
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	**0.74**	**0.20**	**ug/L**	**0.036**
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	**0.59**	**0.20**	**ug/L**	**0.087**
Phenol	ND	1.0	ug/L	0.96
Pyrene	**0.59**	**0.20**	**ug/L**	**0.048**
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

GC/MS Semivolatiles

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK1AQ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	54	(27 - 111)
2-Fluorobiphenyl	40	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	19	(10 - 110)
2-Fluorophenol	29	(10 - 110)
2,4,6-Tribromophenol	74	(22 - 120)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

GC/MS Semivolatiles

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V1AP **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/14/08
Prep Batch #...: 8100302
Dilution Factor: 1 **Initial Wgt/Vol:** 840 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

GC/MS Semivolatiles

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V1AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	**0.24**	**0.20**	**ug/L**	**0.036**
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopenta-diene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichloro-phenol	ND	5.0	ug/L	0.96
2,4,6-Trichloro-phenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

GC/MS Semivolatiles

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V1AP **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(27 - 111)
2-Fluorobiphenyl	50	(28 - 110)
Terphenyl-d14	86	(37 - 119)
Phenol-d5	30	(10 - 110)
2-Fluorophenol	44	(10 - 110)
2,4,6-Tribromophenol	67	(22 - 120)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX421AJ **Matrix.....:** WG
Date Sampled...: 04/08/08 13:15 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/14/08
Prep Batch #...: 8100302
Dilution Factor: 1 **Initial Wgt/Vol:** 880 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	0.52
Pyridine	ND	1.0	ug/L	0.78
Acenaphthene	ND	0.20	ug/L	0.054
Acenaphthylene	ND	0.20	ug/L	0.054
Acetophenone	ND	1.0	ug/L	0.55
Anthracene	ND	0.20	ug/L	0.054
Atrazine	ND	1.0	ug/L	0.65
Benzo(a)anthracene	ND	0.20	ug/L	0.052
Benzo(a)pyrene	ND	0.20	ug/L	0.048
Benzo(b)fluoranthene	ND	0.20	ug/L	0.049
Benzo(ghi)perylene	ND	0.20	ug/L	0.053
Benzo(k)fluoranthene	ND	0.20	ug/L	0.049
Benzaldehyde	ND	1.0	ug/L	0.75
1,1'-Biphenyl	ND	1.0	ug/L	0.55
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	0.49
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	0.088
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	0.88
4-Bromophenyl phenyl ether	ND	2.0	ug/L	0.52
Butyl benzyl phthalate	ND	1.0	ug/L	0.51
Caprolactam	ND	5.0	ug/L	0.61
Carbazole	ND	1.0	ug/L	0.54
4-Chloroaniline	ND	2.0	ug/L	0.56
4-Chloro-3-methylphenol	ND	2.0	ug/L	0.41
2-Chloronaphthalene	ND	1.0	ug/L	0.62
2-Chlorophenol	ND	1.0	ug/L	0.039
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	0.55
Chrysene	ND	0.20	ug/L	0.048
Dibenz(a,h)anthracene	ND	0.20	ug/L	0.039
Dibenzofuran	ND	1.0	ug/L	0.54
3,3'-Dichlorobenzidine	ND	1.0	ug/L	0.48
2,4-Dichlorophenol	ND	2.0	ug/L	1.1
Diethyl phthalate	ND	1.0	ug/L	0.63

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX421AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	2.0	ug/L	0.56
Dimethyl phthalate	ND	1.0	ug/L	0.44
Di-n-butyl phthalate	ND	1.0	ug/L	0.61
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	0.27
2,4-Dinitrophenol	ND	5.0	ug/L	3.5
2,4-Dinitrotoluene	ND	5.0	ug/L	0.40
2,6-Dinitrotoluene	ND	5.0	ug/L	0.47
Di-n-octyl phthalate	ND	1.0	ug/L	0.39
Fluoranthene	ND	0.20	ug/L	0.036
Fluorene	ND	0.20	ug/L	0.043
Hexachlorobenzene	ND	0.20	ug/L	0.065
Hexachlorobutadiene	ND	1.0	ug/L	0.51
Hexachlorocyclopentadiene	ND	5.0	ug/L	0.74
Hexachloroethane	ND	1.0	ug/L	0.58
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	0.065
Isophorone	ND	1.0	ug/L	0.50
2-Methylnaphthalene	ND	0.20	ug/L	0.061
2-Methylphenol	ND	1.0	ug/L	0.56
4-Methylphenol	ND	1.0	ug/L	0.64
Naphthalene	ND	0.20	ug/L	0.069
2-Nitroaniline	ND	2.0	ug/L	0.43
3-Nitroaniline	ND	2.0	ug/L	0.67
4-Nitroaniline	ND	2.0	ug/L	0.47
Nitrobenzene	ND	1.0	ug/L	0.053
2-Nitrophenol	ND	2.0	ug/L	1.3
4-Nitrophenol	ND	5.0	ug/L	0.63
N-Nitrosodi-n-propylamine	ND	1.0	ug/L	0.53
N-Nitrosodiphenylamine	ND	1.0	ug/L	0.46
Pentachlorophenol	ND	5.0	ug/L	0.48
Phenanthrene	ND	0.20	ug/L	0.087
Phenol	ND	1.0	ug/L	0.96
Pyrene	ND	0.20	ug/L	0.048
2,4,5-Trichlorophenol	ND	5.0	ug/L	0.96
2,4,6-Trichlorophenol	ND	4.0	ug/L	1.4

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

GC/MS Semivolatiles

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX421AJ **Matrix.....:** WG

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60	(27 - 111)
2-Fluorobiphenyl	44	(28 - 110)
Terphenyl-d14	89	(37 - 119)
Phenol-d5	29	(10 - 110)
2-Fluorophenol	43	(10 - 110)
2,4,6-Tribromophenol	70	(22 - 120)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AA **Matrix.....:** WATER
MB Lot-Sample #: A8D080000-315

Prep Date.....: 04/08/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 04/10/08 **Prep Batch #...:** 8099315
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Pyridine	ND	1.0	ug/L	SW846 8270C
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	1.0	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	1.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	5.0	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	4.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(27 - 111)
2-Fluorobiphenyl	52	(28 - 110)
Terphenyl-d14	92	(37 - 119)
Phenol-d5	40	(10 - 110)
2-Fluorophenol	54	(10 - 110)
2,4,6-Tribromophenol	74	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AA **Matrix.....:** WATER

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AA **Matrix.....:** WATER
MB Lot-Sample #: A8D090000-302

Prep Date.....: 04/09/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 04/14/08 **Prep Batch #...:** 8100302
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,2'-oxybis(1-Chloro-propane)	ND	1.0	ug/L	SW846 8270C
Pyridine	ND	1.0	ug/L	SW846 8270C
Acenaphthene	ND	0.20	ug/L	SW846 8270C
Acenaphthylene	ND	0.20	ug/L	SW846 8270C
Acetophenone	ND	1.0	ug/L	SW846 8270C
Anthracene	ND	0.20	ug/L	SW846 8270C
Atrazine	ND	1.0	ug/L	SW846 8270C
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C
Benzaldehyde	ND	1.0	ug/L	SW846 8270C
1,1'-Biphenyl	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	1.0	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	1.0	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	**1.3**	**1.0**	**ug/L**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	1.0	ug/L	SW846 8270C
Caprolactam	ND	5.0	ug/L	SW846 8270C
Carbazole	ND	1.0	ug/L	SW846 8270C
4-Chloroaniline	ND	2.0	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	2.0	ug/L	SW846 8270C
2-Chloronaphthalene	ND	1.0	ug/L	SW846 8270C
2-Chlorophenol	ND	1.0	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	2.0	ug/L	SW846 8270C
Chrysene	ND	0.20	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	0.20	ug/L	SW846 8270C
Dibenzofuran	ND	1.0	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	1.0	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	2.0	ug/L	SW846 8270C
Diethyl phthalate	ND	1.0	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	2.0	ug/L	SW846 8270C
Dimethyl phthalate	ND	1.0	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	1.0	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
4,6-Dinitro-2-methylphenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	5.0	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	5.0	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	1.0	ug/L	SW846 8270C
Fluoranthene	ND	0.20	ug/L	SW846 8270C
Fluorene	ND	0.20	ug/L	SW846 8270C
Hexachlorobenzene	ND	0.20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	5.0	ug/L	SW846 8270C
Hexachloroethane	ND	1.0	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C
Isophorone	ND	1.0	ug/L	SW846 8270C
2-Methylnaphthalene	ND	0.20	ug/L	SW846 8270C
2-Methylphenol	ND	1.0	ug/L	SW846 8270C
4-Methylphenol	ND	1.0	ug/L	SW846 8270C
Naphthalene	ND	0.20	ug/L	SW846 8270C
2-Nitroaniline	ND	2.0	ug/L	SW846 8270C
3-Nitroaniline	ND	2.0	ug/L	SW846 8270C
4-Nitroaniline	ND	2.0	ug/L	SW846 8270C
Nitrobenzene	ND	1.0	ug/L	SW846 8270C
2-Nitrophenol	ND	2.0	ug/L	SW846 8270C
4-Nitrophenol	ND	5.0	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	1.0	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	1.0	ug/L	SW846 8270C
Pentachlorophenol	ND	5.0	ug/L	SW846 8270C
Phenanthrene	ND	0.20	ug/L	SW846 8270C
Phenol	ND	1.0	ug/L	SW846 8270C
Pyrene	ND	0.20	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	5.0	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	4.0	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	44	(27 - 111)
2-Fluorobiphenyl	41	(28 - 110)
Terphenyl-d14	61	(37 - 119)
Phenol-d5	30	(10 - 110)
2-Fluorophenol	41	(10 - 110)
2,4,6-Tribromophenol	45	(22 - 120)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AA **Matrix.....:** WATER

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Pyridine	20	11	ug/L	57		SW846 8270C
	20	12	ug/L	60	5.9	SW846 8270C
2,2'-Oxybis(1-Chloropropan	20	13	ug/L	66		SW846 8270C
	20	15	ug/L	74	11	SW846 8270C
Acenaphthene	**20**	**14**	**ug/L**	**69**		**SW846 8270C**
	20	**14**	**ug/L**	**70**	**1.6**	**SW846 8270C**
Acenaphthylene	20	14	ug/L	71		SW846 8270C
	20	14	ug/L	72	0.59	SW846 8270C
Acetophenone	20	14	ug/L	69		SW846 8270C
	20	16	ug/L	78	13	SW846 8270C
Anthracene	20	15	ug/L	73		SW846 8270C
	20	16	ug/L	79	7.9	SW846 8270C
Atrazine	20	17	ug/L	86		SW846 8270C
	20	19	ug/L	94	8.0	SW846 8270C
Benzo(a)anthracene	20	15	ug/L	74		SW846 8270C
	20	16	ug/L	79	5.9	SW846 8270C
Benzo(a)pyrene	20	16	ug/L	78		SW846 8270C
	20	15	ug/L	76	2.5	SW846 8270C
Benzo(b)fluoranthene	20	16	ug/L	80		SW846 8270C
	20	16	ug/L	80	0.20	SW846 8270C
Benzo(ghi)perylene	20	16	ug/L	81		SW846 8270C
	20	16	ug/L	81	0.94	SW846 8270C
Benzo(k)fluoranthene	20	16	ug/L	82		SW846 8270C
	20	16	ug/L	81	1.1	SW846 8270C
Benzaldehyde	20	15	ug/L	76		SW846 8270C
	20	17	ug/L	86	13	SW846 8270C
1,1'-Biphenyl	20	12	ug/L	62		SW846 8270C
	20	13	ug/L	63	1.4	SW846 8270C
bis(2-Chloroethoxy) methane	20	16	ug/L	81		SW846 8270C
	20	17	ug/L	84	4.0	SW846 8270C
bis(2-Chloroethyl)- ether	20	15	ug/L	74		SW846 8270C
	20	15	ug/L	77	4.8	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	16	ug/L	82		SW846 8270C
	20	17	ug/L	86	4.0	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Bromophenyl phenyl ether	20	17	ug/L	83		SW846 8270C
	20	17	ug/L	85	2.8	SW846 8270C
Butyl benzyl phthalate	20	17	ug/L	83		SW846 8270C
	20	17	ug/L	86	4.0	SW846 8270C
Caprolactam	20	7.3 a	ug/L	37		SW846 8270C
	20	8.5 a	ug/L	42	14	SW846 8270C
Carbazole	20	16	ug/L	78		SW846 8270C
	20	16	ug/L	82	5.3	SW846 8270C
4-Chloroaniline	20	14	ug/L	70		SW846 8270C
	20	15	ug/L	73	3.6	SW846 8270C
4-Chloro-3-methylphenol	**20**	**16**	**ug/L**	**79**		**SW846 8270C**
	20	**17**	**ug/L**	**83**	**4.7**	**SW846 8270C**
2-Chloronaphthalene	20	13	ug/L	63		SW846 8270C
	20	13	ug/L	65	2.1	SW846 8270C
2-Chlorophenol	**20**	**13**	**ug/L**	**67**		**SW846 8270C**
	20	**14**	**ug/L**	**72**	**7.8**	**SW846 8270C**
4-Chlorophenyl phenyl ether	20	16	ug/L	78		SW846 8270C
	20	16	ug/L	79	1.3	SW846 8270C
Chrysene	20	16	ug/L	81		SW846 8270C
	20	17	ug/L	84	3.8	SW846 8270C
Dibenz(a,h)anthracene	20	16	ug/L	82		SW846 8270C
	20	16	ug/L	82	0.26	SW846 8270C
Dibenzofuran	20	14	ug/L	70		SW846 8270C
	20	15	ug/L	74	4.8	SW846 8270C
3,3'-Dichlorobenzidine	20	12	ug/L	60		SW846 8270C
	20	12	ug/L	60	0.23	SW846 8270C
2,4-Dichlorophenol	20	16	ug/L	78		SW846 8270C
	20	16	ug/L	81	3.6	SW846 8270C
Diethyl phthalate	20	16	ug/L	81		SW846 8270C
	20	17	ug/L	84	2.6	SW846 8270C
2,4-Dimethylphenol	20	14	ug/L	69		SW846 8270C
	20	14	ug/L	72	4.7	SW846 8270C
Dimethyl phthalate	20	16	ug/L	81		SW846 8270C
	20	16	ug/L	82	1.6	SW846 8270C
Di-n-butyl phthalate	20	17	ug/L	84		SW846 8270C
	20	17	ug/L	86	3.1	SW846 8270C
4,6-Dinitro-2-methylphenol	20	15	ug/L	76		SW846 8270C
	20	16	ug/L	79	4.3	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2,4-Dinitrophenol	20	13	ug/L	65		SW846 8270C
	20	13	ug/L	65	0.33	SW846 8270C
2,4-Dinitrotoluene	**20**	**16**	**ug/L**	**82**		**SW846 8270C**
	20	**18**	**ug/L**	**90**	**8.7**	**SW846 8270C**
2,6-Dinitrotoluene	20	16	ug/L	81		SW846 8270C
	20	16	ug/L	81	0.51	SW846 8270C
Di-n-octyl phthalate	20	16	ug/L	82		SW846 8270C
	20	17	ug/L	85	3.5	SW846 8270C
Fluoranthene	20	17	ug/L	83		SW846 8270C
	20	17	ug/L	85	3.3	SW846 8270C
Fluorene	20	14	ug/L	72		SW846 8270C
	20	15	ug/L	74	3.0	SW846 8270C
Hexachlorobenzene	20	15	ug/L	77		SW846 8270C
	20	16	ug/L	82	6.0	SW846 8270C
Hexachlorobutadiene	20	6.6	ug/L	33		SW846 8270C
	20	6.4	ug/L	32	2.8	SW846 8270C
Hexachlorocyclopenta-diene	20	7.8	ug/L	39		SW846 8270C
	20	7.8	ug/L	39	0.050	SW846 8270C
Hexachloroethane	20	5.5	ug/L	27		SW846 8270C
	20	6.1	ug/L	31	11	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	17	ug/L	83		SW846 8270C
	20	16	ug/L	81	2.2	SW846 8270C
Isophorone	20	17	ug/L	87		SW846 8270C
	20	18	ug/L	92	6.2	SW846 8270C
2-Methylnaphthalene	20	13	ug/L	63		SW846 8270C
	20	13	ug/L	67	5.1	SW846 8270C
2-Methylphenol	20	13	ug/L	66		SW846 8270C
	20	15	ug/L	74	11	SW846 8270C
4-Methylphenol	40	27	ug/L	67		SW846 8270C
	40	30	ug/L	75	11	SW846 8270C
Naphthalene	20	11	ug/L	53		SW846 8270C
	20	11	ug/L	54	1.9	SW846 8270C
2-Nitroaniline	20	16	ug/L	82		SW846 8270C
	20	16	ug/L	82	0.30	SW846 8270C
3-Nitroaniline	20	16	ug/L	80		SW846 8270C
	20	15	ug/L	77	3.1	SW846 8270C
4-Nitroaniline	20	15	ug/L	75		SW846 8270C
	20	16	ug/L	80	5.4	SW846 8270C
Nitrobenzene	20	16	ug/L	80		SW846 8270C
	20	17	ug/L	83	3.6	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2-Nitrophenol	20	15	ug/L	74		SW846 8270C
	20	15	ug/L	73	0.92	SW846 8270C
4-Nitrophenol	**20**	**9.2**	**ug/L**	**46**		**SW846 8270C**
	20	**10**	**ug/L**	**50**	**9.4**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**15**	**ug/L**	**74**		**SW846 8270C**
	20	**17**	**ug/L**	**85**	**14**	**SW846 8270C**
N-Nitrosodiphenylamine	20	15	ug/L	76		SW846 8270C
	20	16	ug/L	78	2.6	SW846 8270C
Pentachlorophenol	**20**	**12**	**ug/L**	**58**		**SW846 8270C**
	20	**13**	**ug/L**	**66**	**13**	**SW846 8270C**
Phenanthrene	20	15	ug/L	73		SW846 8270C
	20	15	ug/L	76	4.1	SW846 8270C
Phenol	**20**	**7.7**	**ug/L**	**39**		**SW846 8270C**
	20	**9.5**	**ug/L**	**47**	**21**	**SW846 8270C**
Pyrene	**20**	**15**	**ug/L**	**77**		**SW846 8270C**
	20	**16**	**ug/L**	**79**	**1.7**	**SW846 8270C**
2,4,5-Trichloro-phenol	20	16	ug/L	79		SW846 8270C
	20	16	ug/L	81	1.4	SW846 8270C
2,4,6-Trichloro-phenol	20	15	ug/L	76		SW846 8270C
	20	16	ug/L	78	3.1	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
	83	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	87	(37 - 119)
	89	(37 - 119)
Phenol-d5	40	(10 - 110)
	46	(10 - 110)
2-Fluorophenol	53	(10 - 110)
	59	(10 - 110)
2,4,6-Tribromophenol	80	(22 - 120)
	82	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD
Prep Date.....: 04/08/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8099315
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Pyridine	57	(10 - 110)			SW846 8270C
	60	(10 - 110)	5.9	(0-30)	SW846 8270C
2,2'-Oxybis(1-Chloropropan	66	(25 - 128)			SW846 8270C
	74	(25 - 128)	11	(0-30)	SW846 8270C
Acenaphthene	**69**	**(40 - 110)**			**SW846 8270C**
	70	**(40 - 110)**	**1.6**	**(0-30)**	**SW846 8270C**
Acenaphthylene	71	(43 - 110)			SW846 8270C
	72	(43 - 110)	0.59	(0-30)	SW846 8270C
Acetophenone	69	(50 - 130)			SW846 8270C
	78	(50 - 130)	13	(0-30)	SW846 8270C
Anthracene	73	(54 - 114)			SW846 8270C
	79	(54 - 114)	7.9	(0-30)	SW846 8270C
Atrazine	86	(50 - 130)			SW846 8270C
	94	(50 - 130)	8.0	(0-30)	SW846 8270C
Benzo(a)anthracene	74	(55 - 115)			SW846 8270C
	79	(55 - 115)	5.9	(0-30)	SW846 8270C
Benzo(a)pyrene	78	(43 - 116)			SW846 8270C
	76	(43 - 116)	2.5	(0-30)	SW846 8270C
Benzo(b)fluoranthene	80	(43 - 122)			SW846 8270C
	80	(43 - 122)	0.20	(0-30)	SW846 8270C
Benzo(ghi)perylene	81	(45 - 120)			SW846 8270C
	81	(45 - 120)	0.94	(0-30)	SW846 8270C
Benzo(k)fluoranthene	82	(43 - 124)			SW846 8270C
	81	(43 - 124)	1.1	(0-30)	SW846 8270C
Benzaldehyde	76	(10 - 130)			SW846 8270C
	86	(10 - 130)	13	(0-30)	SW846 8270C
1,1'-Biphenyl	62	(50 - 130)			SW846 8270C
	63	(50 - 130)	1.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	81	(39 - 110)			SW846 8270C
	84	(39 - 110)	4.0	(0-30)	SW846 8270C
bis(2-Chloroethyl)- ether	74	(34 - 113)			SW846 8270C
	77	(34 - 113)	4.8	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	82	(36 - 163)			SW846 8270C
	86	(36 - 163)	4.0	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Bromophenyl phenyl ether	83	(51 - 114)			SW846 8270C
	85	(51 - 114)	2.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	83	(53 - 126)			SW846 8270C
	86	(53 - 126)	4.0	(0-30)	SW846 8270C
Caprolactam	37 a	(50 - 130)			SW846 8270C
	42 a	(50 - 130)	14	(0-30)	SW846 8270C
Carbazole	78	(53 - 120)			SW846 8270C
	82	(53 - 120)	5.3	(0-30)	SW846 8270C
4-Chloroaniline	70	(10 - 110)			SW846 8270C
	73	(10 - 110)	3.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**79**	**(39 - 110)**			**SW846 8270C**
	83	**(39 - 110)**	**4.7**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	63	(39 - 110)			SW846 8270C
	65	(39 - 110)	2.1	(0-30)	SW846 8270C
2-Chlorophenol	**67**	**(27 - 110)**			**SW846 8270C**
	72	**(27 - 110)**	**7.8**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	78	(50 - 115)			SW846 8270C
	79	(50 - 115)	1.3	(0-30)	SW846 8270C
Chrysene	81	(55 - 115)			SW846 8270C
	84	(55 - 115)	3.8	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	82	(46 - 122)			SW846 8270C
	82	(46 - 122)	0.26	(0-30)	SW846 8270C
Dibenzofuran	70	(46 - 111)			SW846 8270C
	74	(46 - 111)	4.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	60	(19 - 110)			SW846 8270C
	60	(19 - 110)	0.23	(0-30)	SW846 8270C
2,4-Dichlorophenol	78	(33 - 110)			SW846 8270C
	81	(33 - 110)	3.6	(0-30)	SW846 8270C
Diethyl phthalate	81	(33 - 134)			SW846 8270C
	84	(33 - 134)	2.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	69	(12 - 110)			SW846 8270C
	72	(12 - 110)	4.7	(0-30)	SW846 8270C
Dimethyl phthalate	81	(15 - 143)			SW846 8270C
	82	(15 - 143)	1.6	(0-30)	SW846 8270C
Di-n-butyl phthalate	84	(55 - 122)			SW846 8270C
	86	(55 - 122)	3.1	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	76	(28 - 112)			SW846 8270C
	79	(28 - 112)	4.3	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-Dinitrophenol	65	(17 - 112)			SW846 8270C
	65	(17 - 112)	0.33	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**82**	**(52 - 123)**			**SW846 8270C**
	90	**(52 - 123)**	**8.7**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	81	(52 - 119)			SW846 8270C
	81	(52 - 119)	0.51	(0-30)	SW846 8270C
Di-n-octyl phthalate	82	(44 - 128)			SW846 8270C
	85	(44 - 128)	3.5	(0-30)	SW846 8270C
Fluoranthene	83	(54 - 122)			SW846 8270C
	85	(54 - 122)	3.3	(0-30)	SW846 8270C
Fluorene	72	(47 - 112)			SW846 8270C
	74	(47 - 112)	3.0	(0-30)	SW846 8270C
Hexachlorobenzene	77	(51 - 112)			SW846 8270C
	82	(51 - 112)	6.0	(0-30)	SW846 8270C
Hexachlorobutadiene	33	(13 - 110)			SW846 8270C
	32	(13 - 110)	2.8	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	39	(10 - 110)			SW846 8270C
	39	(10 - 110)	0.050	(0-30)	SW846 8270C
Hexachloroethane	27	(12 - 110)			SW846 8270C
	31	(12 - 110)	11	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	(46 - 121)			SW846 8270C
	81	(46 - 121)	2.2	(0-30)	SW846 8270C
Isophorone	87	(44 - 128)			SW846 8270C
	92	(44 - 128)	6.2	(0-30)	SW846 8270C
2-Methylnaphthalene	63	(35 - 110)			SW846 8270C
	67	(35 - 110)	5.1	(0-30)	SW846 8270C
2-Methylphenol	66	(30 - 110)			SW846 8270C
	74	(30 - 110)	11	(0-30)	SW846 8270C
4-Methylphenol	67	(32 - 110)			SW846 8270C
	75	(32 - 110)	11	(0-30)	SW846 8270C
Naphthalene	53	(31 - 110)			SW846 8270C
	54	(31 - 110)	1.9	(0-30)	SW846 8270C
2-Nitroaniline	82	(43 - 130)			SW846 8270C
	82	(43 - 130)	0.30	(0-30)	SW846 8270C
3-Nitroaniline	80	(45 - 116)			SW846 8270C
	77	(45 - 116)	3.1	(0-30)	SW846 8270C
4-Nitroaniline	75	(45 - 120)			SW846 8270C
	80	(45 - 120)	5.4	(0-30)	SW846 8270C
Nitrobenzene	80	(37 - 115)			SW846 8270C
	83	(37 - 115)	3.6	(0-30)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRQ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-315 KKWRQ1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2-Nitrophenol	74	(29 - 110)			SW846 8270C
	73	(29 - 110)	0.92	(0-30)	SW846 8270C
4-Nitrophenol	**46**	**(12 - 130)**			**SW846 8270C**
	50	**(12 - 130)**	**9.4**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74**	**(37 - 121)**			**SW846 8270C**
	85	**(37 - 121)**	**14**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	76	(53 - 113)			SW846 8270C
	78	(53 - 113)	2.6	(0-30)	SW846 8270C
Pentachlorophenol	**58**	**(26 - 110)**			**SW846 8270C**
	66	**(26 - 110)**	**13**	**(0-30)**	**SW846 8270C**
Phenanthrene	73	(52 - 114)			SW846 8270C
	76	(52 - 114)	4.1	(0-30)	SW846 8270C
Phenol	**39**	**(14 - 112)**			**SW846 8270C**
	47	**(14 - 112)**	**21**	**(0-30)**	**SW846 8270C**
Pyrene	**77**	**(55 - 120)**			**SW846 8270C**
	79	**(55 - 120)**	**1.7**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	79	(39 - 110)			SW846 8270C
	81	(39 - 110)	1.4	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	76	(35 - 110)			SW846 8270C
	78	(35 - 110)	3.1	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(27 - 111)
	83	(27 - 111)
2-Fluorobiphenyl	64	(28 - 110)
	64	(28 - 110)
Terphenyl-d14	87	(37 - 119)
	89	(37 - 119)
Phenol-d5	40	(10 - 110)
	46	(10 - 110)
2-Fluorophenol	53	(10 - 110)
	59	(10 - 110)
2,4,6-Tribromophenol	80	(22 - 120)
	82	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-302
Prep Date.....: 04/09/08 **Analysis Date..:** 04/14/08
Prep Batch #...: 8100302
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	20	12	ug/L	61	SW846 8270C
Pyridine	20	9.3	ug/L	47	SW846 8270C
Acenaphthene	**20**	**12**	**ug/L**	**58**	**SW846 8270C**
Acenaphthylene	20	12	ug/L	61	SW846 8270C
Acetophenone	20	12	ug/L	61	SW846 8270C
Anthracene	20	13	ug/L	66	SW846 8270C
Atrazine	20	15	ug/L	73	SW846 8270C
Benzo(a)anthracene	20	13	ug/L	63	SW846 8270C
Benzo(a)pyrene	20	13	ug/L	63	SW846 8270C
Benzo(b)fluoranthene	20	13	ug/L	67	SW846 8270C
Benzo(ghi)perylene	20	14	ug/L	68	SW846 8270C
Benzo(k)fluoranthene	20	14	ug/L	68	SW846 8270C
Benzaldehyde	20	13	ug/L	64	SW846 8270C
1,1'-Biphenyl	20	11	ug/L	56	SW846 8270C
bis(2-Chloroethoxy) methane	20	13	ug/L	65	SW846 8270C
bis(2-Chloroethyl)- ether	20	12	ug/L	58	SW846 8270C
bis(2-Ethylhexyl) phthalate	20	13	ug/L	65	SW846 8270C
4-Bromophenyl phenyl ether	20	14	ug/L	72	SW846 8270C
Butyl benzyl phthalate	20	13	ug/L	64	SW846 8270C
Caprolactam	20	5.7 a	ug/L	29	SW846 8270C
Carbazole	20	14	ug/L	68	SW846 8270C
4-Chloroaniline	20	11	ug/L	56	SW846 8270C
4-Chloro-3-methylphenol	**20**	**12**	**ug/L**	**61**	**SW846 8270C**
2-Chloronaphthalene	20	12	ug/L	60	SW846 8270C
2-Chlorophenol	**20**	**12**	**ug/L**	**59**	**SW846 8270C**
4-Chlorophenyl phenyl ether	20	13	ug/L	67	SW846 8270C
Chrysene	20	13	ug/L	64	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-302

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenz(a,h)anthracene	20	14	ug/L	69	SW846 8270C
Dibenzofuran	20	12	ug/L	62	SW846 8270C
3,3'-Dichlorobenzidine	20	9.3	ug/L	47	SW846 8270C
2,4-Dichlorophenol	20	12	ug/L	61	SW846 8270C
Diethyl phthalate	20	13	ug/L	65	SW846 8270C
2,4-Dimethylphenol	20	10	ug/L	52	SW846 8270C
Dimethyl phthalate	20	13	ug/L	66	SW846 8270C
Di-n-butyl phthalate	20	14	ug/L	69	SW846 8270C
4,6-Dinitro-2-methylphenol	20	8.9	ug/L	44	SW846 8270C
2,4-Dinitrophenol	20	6.2	ug/L	31	SW846 8270C
2,4-Dinitrotoluene	**20**	**14**	**ug/L**	**70**	**SW846 8270C**
2,6-Dinitrotoluene	20	14	ug/L	70	SW846 8270C
Di-n-octyl phthalate	20	13	ug/L	64	SW846 8270C
Fluoranthene	20	14	ug/L	70	SW846 8270C
Fluorene	20	13	ug/L	63	SW846 8270C
Hexachlorobenzene	20	13	ug/L	66	SW846 8270C
Hexachlorobutadiene	20	6.8	ug/L	34	SW846 8270C
Hexachlorocyclopenta-diene	20	7.2	ug/L	36	SW846 8270C
Hexachloroethane	20	5.9	ug/L	29	SW846 8270C
Indeno(1,2,3-cd)pyrene	20	14	ug/L	68	SW846 8270C
Isophorone	20	14	ug/L	68	SW846 8270C
2-Methylnaphthalene	20	12	ug/L	60	SW846 8270C
2-Methylphenol	20	11	ug/L	56	SW846 8270C
4-Methylphenol	20	22 a	ug/L	111	SW846 8270C
Naphthalene	20	9.7	ug/L	49	SW846 8270C
2-Nitroaniline	20	13	ug/L	64	SW846 8270C
3-Nitroaniline	20	13	ug/L	63	SW846 8270C
4-Nitroaniline	20	13	ug/L	63	SW846 8270C
Nitrobenzene	20	13	ug/L	65	SW846 8270C
2-Nitrophenol	20	12	ug/L	59	SW846 8270C
4-Nitrophenol	**20**	**6.8**	**ug/L**	**34**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**20**	**13**	**ug/L**	**64**	**SW846 8270C**
N-Nitrosodiphenylamine	20	12	ug/L	62	SW846 8270C
Pentachlorophenol	**20**	**5.5**	**ug/L**	**28**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-302

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenanthrene	20	13	ug/L	64	SW846 8270C
Phenol	**20**	**6.9**	**ug/L**	**35**	**SW846 8270C**
Pyrene	**20**	**13**	**ug/L**	**65**	**SW846 8270C**
2,4,5-Trichloro-phenol	20	12	ug/L	60	SW846 8270C
2,4,6-Trichloro-phenol	20	12	ug/L	61	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	54	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	32	(10 - 110)
2-Fluorophenol	44	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-302
Prep Date.....: 04/09/08 **Analysis Date..:** 04/14/08
Prep Batch #...: 8100302
Dilution Factor: 1 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	61	(25 - 128)	SW846 8270C
Pyridine	47	(10 - 110)	SW846 8270C
Acenaphthene	**58**	**(40 - 110)**	**SW846 8270C**
Acenaphthylene	61	(43 - 110)	SW846 8270C
Acetophenone	61	(50 - 130)	SW846 8270C
Anthracene	66	(54 - 114)	SW846 8270C
Atrazine	73	(50 - 130)	SW846 8270C
Benzo(a)anthracene	63	(55 - 115)	SW846 8270C
Benzo(a)pyrene	63	(43 - 116)	SW846 8270C
Benzo(b)fluoranthene	67	(43 - 122)	SW846 8270C
Benzo(ghi)perylene	68	(45 - 120)	SW846 8270C
Benzo(k)fluoranthene	68	(43 - 124)	SW846 8270C
Benzaldehyde	64	(10 - 130)	SW846 8270C
1,1'-Biphenyl	56	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(39 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	58	(34 - 113)	SW846 8270C
bis(2-Ethylhexyl) phthalate	65	(36 - 163)	SW846 8270C
4-Bromophenyl phenyl ether	72	(51 - 114)	SW846 8270C
Butyl benzyl phthalate	64	(53 - 126)	SW846 8270C
Caprolactam	29 a	(50 - 130)	SW846 8270C
Carbazole	68	(53 - 120)	SW846 8270C
4-Chloroaniline	56	(10 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**61**	**(39 - 110)**	**SW846 8270C**
2-Chloronaphthalene	60	(39 - 110)	SW846 8270C
2-Chlorophenol	**59**	**(27 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	67	(50 - 115)	SW846 8270C
Chrysene	64	(55 - 115)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-302

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenz(a,h)anthracene	69	(46 - 122)	SW846 8270C
Dibenzofuran	62	(46 - 111)	SW846 8270C
3,3'-Dichlorobenzidine	47	(19 - 110)	SW846 8270C
2,4-Dichlorophenol	61	(33 - 110)	SW846 8270C
Diethyl phthalate	65	(33 - 134)	SW846 8270C
2,4-Dimethylphenol	52	(12 - 110)	SW846 8270C
Dimethyl phthalate	66	(15 - 143)	SW846 8270C
Di-n-butyl phthalate	69	(55 - 122)	SW846 8270C
4,6-Dinitro-2-methylphenol	44	(28 - 112)	SW846 8270C
2,4-Dinitrophenol	31	(17 - 112)	SW846 8270C
2,4-Dinitrotoluene	**70**	**(52 - 123)**	**SW846 8270C**
2,6-Dinitrotoluene	70	(52 - 119)	SW846 8270C
Di-n-octyl phthalate	64	(44 - 128)	SW846 8270C
Fluoranthene	70	(54 - 122)	SW846 8270C
Fluorene	63	(47 - 112)	SW846 8270C
Hexachlorobenzene	66	(51 - 112)	SW846 8270C
Hexachlorobutadiene	34	(13 - 110)	SW846 8270C
Hexachlorocyclopentadiene	36	(10 - 110)	SW846 8270C
Hexachloroethane	29	(12 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	68	(46 - 121)	SW846 8270C
Isophorone	68	(44 - 128)	SW846 8270C
2-Methylnaphthalene	60	(35 - 110)	SW846 8270C
2-Methylphenol	56	(30 - 110)	SW846 8270C
4-Methylphenol	111 a	(32 - 110)	SW846 8270C
Naphthalene	49	(31 - 110)	SW846 8270C
2-Nitroaniline	64	(43 - 130)	SW846 8270C
3-Nitroaniline	63	(45 - 116)	SW846 8270C
4-Nitroaniline	63	(45 - 120)	SW846 8270C
Nitrobenzene	65	(37 - 115)	SW846 8270C
2-Nitrophenol	59	(29 - 110)	SW846 8270C
4-Nitrophenol	**34**	**(12 - 130)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**64**	**(37 - 121)**	**SW846 8270C**
N-Nitrosodiphenylamine	62	(53 - 113)	SW846 8270C
Pentachlorophenol	**28**	**(26 - 110)**	**SW846 8270C**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK0101AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-302

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenanthrene	64	(52 - 114)	SW846 8270C
Phenol	**35**	**(14 - 112)**	**SW846 8270C**
Pyrene	**65**	**(55 - 120)**	**SW846 8270C**
2,4,5-Trichloro-phenol	60	(39 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	61	(35 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	58	(27 - 111)
2-Fluorobiphenyl	54	(28 - 110)
Terphenyl-d14	71	(37 - 119)
Phenol-d5	32	(10 - 110)
2-Fluorophenol	44	(10 - 110)
2,4,6-Tribromophenol	61	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/14/08
Prep Batch #...: 8100302
Dilution Factor: 1 **Initial Wgt/Vol:** 440 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	45	24	ug/L	53		SW846 8270C
	ND	45	26	ug/L	58	9.6	SW846 8270C
Pyridine	ND	45	19	ug/L	42		SW846 8270C
	ND	45	22	ug/L	49	15	SW846 8270C
Acenaphthene	**ND**	**45**	**23**	**ug/L**	**50**		**SW846 8270C**
	ND	**45**	**25**	**ug/L**	**55**	**9.0**	**SW846 8270C**
Acenaphthylene	ND	45	24	ug/L	53		SW846 8270C
	ND	45	26	ug/L	57	7.4	SW846 8270C
Acetophenone	ND	45	25	ug/L	54		SW846 8270C
	ND	45	27	ug/L	60	9.9	SW846 8270C
Anthracene	ND	45	26	ug/L	57		SW846 8270C
	ND	45	30	ug/L	65	12	SW846 8270C
Atrazine	ND	45	31	ug/L	68		SW846 8270C
	ND	45	34	ug/L	75	11	SW846 8270C
Benzo(a)anthracene	ND	45	26	ug/L	57		SW846 8270C
	ND	45	29	ug/L	63	9.9	SW846 8270C
Benzo(a)pyrene	ND	45	27	ug/L	59		SW846 8270C
	ND	45	30	ug/L	66	12	SW846 8270C
Benzo(b)fluoranthene	ND	45	29	ug/L	63		SW846 8270C
	ND	45	33	ug/L	72	13	SW846 8270C
Benzo(ghi)perylene	ND	45	29	ug/L	64		SW846 8270C
	ND	45	32	ug/L	71	10	SW846 8270C
Benzo(k)fluoranthene	ND	45	29	ug/L	63		SW846 8270C
	ND	45	31	ug/L	69	8.4	SW846 8270C
Benzaldehyde	ND	45	27	ug/L	59		SW846 8270C
	ND	45	28	ug/L	63	5.2	SW846 8270C
1,1'-Biphenyl	ND	45	21	ug/L	47 a		SW846 8270C
	ND	45	23	ug/L	51	9.1	SW846 8270C
bis(2-Chloroethoxy) methane	ND	45	27	ug/L	59		SW846 8270C
	ND	45	30	ug/L	66	11	SW846 8270C
bis(2-Chloroethyl)-ether	ND	45	23	ug/L	50		SW846 8270C
	ND	45	24	ug/L	53	5.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	45	43	ug/L	94		SW846 8270C
	ND	45	47	ug/L	103	9.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	45	27	ug/L	60		SW846 8270C
	ND	45	31	ug/L	68	12	SW846 8270C
Butyl benzyl phthalate	ND	45	28	ug/L	61		SW846 8270C
	ND	45	31	ug/L	67	9.0	SW846 8270C
Caprolactam	ND	45	15	ug/L	33 a		SW846 8270C
	ND	45	16	ug/L	34 a	2.5	SW846 8270C
Carbazole	ND	45	28	ug/L	61		SW846 8270C
	ND	45	31	ug/L	69	11	SW846 8270C
4-Chloroaniline	ND	45	22	ug/L	49		SW846 8270C
	ND	45	24	ug/L	54	10	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**45**	**26**	**ug/L**	**57**		**SW846 8270C**
	ND	**45**	**30**	**ug/L**	**65**	**13**	**SW846 8270C**
2-Chloronaphthalene	ND	45	23	ug/L	51		SW846 8270C
	ND	45	25	ug/L	55	8.4	SW846 8270C
2-Chlorophenol	**ND**	**45**	**25**	**ug/L**	**55**		**SW846 8270C**
	ND	**45**	**28**	**ug/L**	**62**	**11**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	45	26	ug/L	58		SW846 8270C
	ND	45	28	ug/L	62	8.1	SW846 8270C
Chrysene	ND	45	27	ug/L	60		SW846 8270C
	ND	45	29	ug/L	64	6.6	SW846 8270C
Dibenz(a,h)anthracene	ND	45	30	ug/L	66		SW846 8270C
	ND	45	33	ug/L	73	9.6	SW846 8270C
Dibenzofuran	ND	45	25	ug/L	55		SW846 8270C
	ND	45	27	ug/L	59	7.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	45	7.6	ug/L	17		SW846 8270C
	ND	45	8.5	ug/L	19	12	SW846 8270C
2,4-Dichlorophenol	ND	45	26	ug/L	57		SW846 8270C
	ND	45	29	ug/L	64	11	SW846 8270C
Diethyl phthalate	ND	45	28	ug/L	61		SW846 8270C
	ND	45	30	ug/L	66	7.6	SW846 8270C
2,4-Dimethylphenol	ND	45	24	ug/L	53		SW846 8270C
	ND	45	26	ug/L	58	9.1	SW846 8270C
Dimethyl phthalate	ND	45	28	ug/L	62		SW846 8270C
	ND	45	31	ug/L	67	8.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	45	29	ug/L	63		SW846 8270C
	ND	45	33	ug/L	73	14	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	45	22	ug/L	48		SW846 8270C
	ND	45	25	ug/L	56	14	SW846 8270C
2,4-Dinitrophenol	ND	45	18	ug/L	41		SW846 8270C
	ND	45	21	ug/L	47	14	SW846 8270C
2,4-Dinitrotoluene	**ND**	**45**	**29**	**ug/L**	**64**		**SW846 8270C**
	ND	**45**	**31**	**ug/L**	**69**	**7.8**	**SW846 8270C**
2,6-Dinitrotoluene	ND	45	30	ug/L	65		SW846 8270C
	ND	45	32	ug/L	71	8.9	SW846 8270C
Di-n-octyl phthalate	ND	45	29	ug/L	64		SW846 8270C
	ND	45	33	ug/L	72	11	SW846 8270C
Fluoranthene	0.24	45	29	ug/L	63		SW846 8270C
	0.24	45	33	ug/L	72	14	SW846 8270C
Fluorene	ND	45	25	ug/L	54		SW846 8270C
	ND	45	27	ug/L	60	9.4	SW846 8270C
Hexachlorobenzene	ND	45	25	ug/L	56		SW846 8270C
	ND	45	29	ug/L	63	12	SW846 8270C
Hexachlorobutadiene	ND	45	13	ug/L	29		SW846 8270C
	ND	45	14	ug/L	31	9.6	SW846 8270C
Hexachlorocyclopenta-diene	ND	45	14	ug/L	30		SW846 8270C
	ND	45	16	ug/L	34	13	SW846 8270C
Hexachloroethane	ND	45	10	ug/L	22		SW846 8270C
	ND	45	11	ug/L	25	12	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	45	29	ug/L	65		SW846 8270C
	ND	45	32	ug/L	71	9.9	SW846 8270C
Isophorone	ND	45	28	ug/L	63		SW846 8270C
	ND	45	31	ug/L	69	9.8	SW846 8270C
2-Methylnaphthalene	ND	45	22	ug/L	49		SW846 8270C
	ND	45	25	ug/L	54	9.8	SW846 8270C
2-Methylphenol	ND	45	25	ug/L	55		SW846 8270C
	ND	45	28	ug/L	61	9.6	SW846 8270C
4-Methylphenol	ND	45	52	ug/L	114 a		SW846 8270C
	ND	45	57	ug/L	126 a	10	SW846 8270C
Naphthalene	ND	45	18	ug/L	40		SW846 8270C
	ND	45	20	ug/L	45	11	SW846 8270C
2-Nitroaniline	ND	45	28	ug/L	62		SW846 8270C
	ND	45	30	ug/L	67	7.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	45	25	ug/L	55		SW846 8270C
	ND	45	27	ug/L	60	9.1	SW846 8270C
4-Nitroaniline	ND	45	25	ug/L	54		SW846 8270C
	ND	45	27	ug/L	60	10	SW846 8270C
Nitrobenzene	ND	45	27	ug/L	58		SW846 8270C
	ND	45	30	ug/L	65	11	SW846 8270C
2-Nitrophenol	ND	45	25	ug/L	55		SW846 8270C
	ND	45	28	ug/L	61	9.3	SW846 8270C
4-Nitrophenol	**ND**	**45**	**21**	**ug/L**	**46**		**SW846 8270C**
	ND	**45**	**23**	**ug/L**	**50**	**8.4**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**45**	**26**	**ug/L**	**57**		**SW846 8270C**
	ND	**45**	**29**	**ug/L**	**63**	**9.5**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	45	26	ug/L	57		SW846 8270C
	ND	45	29	ug/L	63	9.8	SW846 8270C
Pentachlorophenol	**ND**	**45**	**19**	**ug/L**	**43**		**SW846 8270C**
	ND	**45**	**22**	**ug/L**	**48**	**13**	**SW846 8270C**
Phenanthrene	ND	45	26	ug/L	58		SW846 8270C
	ND	45	30	ug/L	66	13	SW846 8270C
Phenol	**ND**	**45**	**20**	**ug/L**	**44**		**SW846 8270C**
	ND	**45**	**22**	**ug/L**	**47**	**7.5**	**SW846 8270C**
Pyrene	**ND**	**45**	**27**	**ug/L**	**60**		**SW846 8270C**
	ND	**45**	**30**	**ug/L**	**66**	**9.4**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	45	26	ug/L	58		SW846 8270C
	ND	45	28	ug/L	63	8.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	45	26	ug/L	58		SW846 8270C
	ND	45	29	ug/L	63	9.5	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
	58	(27 - 111)
2-Fluorobiphenyl	45	(28 - 110)
	48	(28 - 110)
Terphenyl-d14	68	(37 - 119)
	72	(37 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	40	(10 - 110)
	43	(10 - 110)
2-Fluorophenol	48	(10 - 110)
	53	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)
	63	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/14/08
Prep Batch #...: 8100302
Dilution Factor: 1 **Initial Wgt/Vol:** 440 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	53	(13 - 124)			SW846 8270C
	58	(13 - 124)	9.6	(0-30)	SW846 8270C
Pyridine	42	(10 - 110)			SW846 8270C
	49	(10 - 110)	15	(0-30)	SW846 8270C
Acenaphthene	**50**	**(36 - 110)**			**SW846 8270C**
	55	**(36 - 110)**	**9.0**	**(0-30)**	**SW846 8270C**
Acenaphthylene	53	(39 - 110)			SW846 8270C
	57	(39 - 110)	7.4	(0-30)	SW846 8270C
Acetophenone	54	(50 - 130)			SW846 8270C
	60	(50 - 130)	9.9	(0-30)	SW846 8270C
Anthracene	57	(46 - 110)			SW846 8270C
	65	(46 - 110)	12	(0-30)	SW846 8270C
Atrazine	68	(50 - 130)			SW846 8270C
	75	(50 - 130)	11	(0-30)	SW846 8270C
Benzo(a)anthracene	57	(52 - 110)			SW846 8270C
	63	(52 - 110)	9.9	(0-30)	SW846 8270C
Benzo(a)pyrene	59	(33 - 110)			SW846 8270C
	66	(33 - 110)	12	(0-30)	SW846 8270C
Benzo(b)fluoranthene	63	(33 - 114)			SW846 8270C
	72	(33 - 114)	13	(0-30)	SW846 8270C
Benzo(ghi)perylene	64	(34 - 116)			SW846 8270C
	71	(34 - 116)	10	(0-30)	SW846 8270C
Benzo(k)fluoranthene	63	(32 - 121)			SW846 8270C
	69	(32 - 121)	8.4	(0-30)	SW846 8270C
Benzaldehyde	59	(10 - 130)			SW846 8270C
	63	(10 - 130)	5.2	(0-30)	SW846 8270C
1,1'-Biphenyl	47 a	(50 - 130)			SW846 8270C
	51	(50 - 130)	9.1	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	59	(35 - 110)			SW846 8270C
	66	(35 - 110)	11	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	50	(27 - 110)			SW846 8270C
	53	(27 - 110)	5.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	94	(40 - 140)			SW846 8270C
	103	(40 - 140)	9.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	60	(42 - 113)			SW846 8270C
	68	(42 - 113)	12	(0-30)	SW846 8270C
Butyl benzyl phthalate	61	(51 - 121)			SW846 8270C
	67	(51 - 121)	9.0	(0-30)	SW846 8270C
Caprolactam	33 a	(50 - 130)			SW846 8270C
	34 a	(50 - 130)	2.5	(0-30)	SW846 8270C
Carbazole	61	(49 - 114)			SW846 8270C
	69	(49 - 114)	11	(0-30)	SW846 8270C
4-Chloroaniline	49	(10 - 110)			SW846 8270C
	54	(10 - 110)	10	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**57**	**(33 - 110)**			**SW846 8270C**
	65	**(33 - 110)**	**13**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	51	(34 - 110)			SW846 8270C
	55	(34 - 110)	8.4	(0-30)	SW846 8270C
2-Chlorophenol	**55**	**(26 - 110)**			**SW846 8270C**
	62	**(26 - 110)**	**11**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	58	(43 - 113)			SW846 8270C
	62	(43 - 113)	8.1	(0-30)	SW846 8270C
Chrysene	60	(52 - 111)			SW846 8270C
	64	(52 - 111)	6.6	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	66	(35 - 118)			SW846 8270C
	73	(35 - 118)	9.6	(0-30)	SW846 8270C
Dibenzofuran	55	(41 - 110)			SW846 8270C
	59	(41 - 110)	7.4	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	17	(10 - 110)			SW846 8270C
	19	(10 - 110)	12	(0-30)	SW846 8270C
2,4-Dichlorophenol	57	(30 - 110)			SW846 8270C
	64	(30 - 110)	11	(0-30)	SW846 8270C
Diethyl phthalate	61	(33 - 130)			SW846 8270C
	66	(33 - 130)	7.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	53	(11 - 110)			SW846 8270C
	58	(11 - 110)	9.1	(0-30)	SW846 8270C
Dimethyl phthalate	62	(36 - 124)			SW846 8270C
	67	(36 - 124)	8.6	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	63	(50 - 117)			SW846 8270C
	73	(50 - 117)	14	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	48	(25 - 110)			SW846 8270C
	56	(25 - 110)	14	(0-30)	SW846 8270C
2,4-Dinitrophenol	41	(11 - 119)			SW846 8270C
	47	(11 - 119)	14	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**64**	**(46 - 119)**			**SW846 8270C**
	69	**(46 - 119)**	**7.8**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	65	(48 - 115)			SW846 8270C
	71	(48 - 115)	8.9	(0-30)	SW846 8270C
Di-n-octyl phthalate	64	(36 - 124)			SW846 8270C
	72	(36 - 124)	11	(0-30)	SW846 8270C
Fluoranthene	63	(53 - 111)			SW846 8270C
	72	(53 - 111)	14	(0-30)	SW846 8270C
Fluorene	54	(43 - 110)			SW846 8270C
	60	(43 - 110)	9.4	(0-30)	SW846 8270C
Hexachlorobenzene	56	(40 - 113)			SW846 8270C
	63	(40 - 113)	12	(0-30)	SW846 8270C
Hexachlorobutadiene	29	(14 - 110)			SW846 8270C
	31	(14 - 110)	9.6	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	30	(10 - 110)			SW846 8270C
	34	(10 - 110)	13	(0-30)	SW846 8270C
Hexachloroethane	22	(10 - 110)			SW846 8270C
	25	(10 - 110)	12	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	65	(36 - 116)			SW846 8270C
	71	(36 - 116)	9.9	(0-30)	SW846 8270C
Isophorone	63	(34 - 125)			SW846 8270C
	69	(34 - 125)	9.8	(0-30)	SW846 8270C
2-Methylnaphthalene	49	(35 - 110)			SW846 8270C
	54	(35 - 110)	9.8	(0-30)	SW846 8270C
2-Methylphenol	55	(26 - 110)			SW846 8270C
	61	(26 - 110)	9.6	(0-30)	SW846 8270C
4-Methylphenol	114 a	(25 - 110)			SW846 8270C
	126 a	(25 - 110)	10	(0-30)	SW846 8270C
Naphthalene	40	(32 - 110)			SW846 8270C
	45	(32 - 110)	11	(0-30)	SW846 8270C
2-Nitroaniline	62	(31 - 129)			SW846 8270C
	67	(31 - 129)	7.5	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	55	(23 - 112)			SW846 8270C
	60	(23 - 112)	9.1	(0-30)	SW846 8270C
4-Nitroaniline	54	(26 - 115)			SW846 8270C
	60	(26 - 115)	10	(0-30)	SW846 8270C
Nitrobenzene	58	(26 - 118)			SW846 8270C
	65	(26 - 118)	11	(0-30)	SW846 8270C
2-Nitrophenol	55	(30 - 110)			SW846 8270C
	61	(30 - 110)	9.3	(0-30)	SW846 8270C
4-Nitrophenol	**46**	**(13 - 127)**			**SW846 8270C**
	50	**(13 - 127)**	**8.4**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**57**	**(25 - 119)**			**SW846 8270C**
	63	**(25 - 119)**	**9.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	57	(28 - 118)			SW846 8270C
	63	(28 - 118)	9.8	(0-30)	SW846 8270C
Pentachlorophenol	**43**	**(23 - 110)**			**SW846 8270C**
	48	**(23 - 110)**	**13**	**(0-30)**	**SW846 8270C**
Phenanthrene	58	(47 - 110)			SW846 8270C
	66	(47 - 110)	13	(0-30)	SW846 8270C
Phenol	**44**	**(16 - 110)**			**SW846 8270C**
	47	**(16 - 110)**	**7.5**	**(0-30)**	**SW846 8270C**
Pyrene	**60**	**(54 - 115)**			**SW846 8270C**
	66	**(54 - 115)**	**9.4**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	58	(36 - 110)			SW846 8270C
	63	(36 - 110)	8.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	58	(34 - 110)			SW846 8270C
	63	(34 - 110)	9.5	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(27 - 111)
	58	(27 - 111)
2-Fluorobiphenyl	45	(28 - 110)
	48	(28 - 110)
Terphenyl-d14	68	(37 - 119)
	72	(37 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D9-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1EA-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	40	(10 - 110)
	43	(10 - 110)
2-Fluorophenol	48	(10 - 110)
	53	(10 - 110)
2,4,6-Tribromophenol	56	(22 - 120)
	63	(22 - 120)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

POLYCHLORINATED BIPHENYLS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

GC Semivolatiles

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ31AE **Matrix.....:** WG
Date Sampled...: 04/07/08 10:25 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 1 **Initial Wgt/Vol:** 930 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	55	(27 - 130)
Decachlorobiphenyl	42	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

GC Semivolatiles

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD1AP **Matrix.....:** WG
Date Sampled...: 04/07/08 11:30 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 1 **Initial Wgt/Vol:** 920 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	66	(27 - 130)
Decachlorobiphenyl	60	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

GC Semivolatiles

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG1AP **Matrix.....:** WG
Date Sampled...: 04/07/08 13:20 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 1 **Initial Wgt/Vol:** 820 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	65	(27 - 130)
Decachlorobiphenyl	67	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

GC Semivolatiles

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH1AP **Matrix.....:** WG
Date Sampled...: 04/07/08 14:40 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 1 **Initial Wgt/Vol:** 500 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	**0.076 J,B**	**0.10**	**ug/L**	**0.038**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	82	(27 - 130)
Decachlorobiphenyl	33	(10 - 127)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

GC Semivolatiles

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK1AP **Matrix.....:** WG
Date Sampled...: 04/07/08 15:40 **Date Received..:** 04/08/08
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 1 **Initial Wgt/Vol:** 1040 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	74	(27 - 130)
Decachlorobiphenyl	43	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

GC Semivolatiles

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V1AL **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8100299
Dilution Factor: 1 **Initial Wgt/Vol:** 920 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(27 - 130)
Decachlorobiphenyl	35	(10 - 127)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

GC Semivolatiles

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX421AH **Matrix.....:** WG
Date Sampled...: 04/08/08 13:15 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8100299
Dilution Factor: 1 **Initial Wgt/Vol:** 920 mL **Final Wgt/Vol..:** 2 mL
Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	0.10	ug/L	0.044
Aroclor 1221	ND	0.10	ug/L	0.045
Aroclor 1232	ND	0.10	ug/L	0.073
Aroclor 1242	ND	0.10	ug/L	0.060
Aroclor 1248	ND	0.10	ug/L	0.061
Aroclor 1254	ND	0.10	ug/L	0.032
Aroclor 1260	ND	0.10	ug/L	0.038

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	59	(27 - 130)
Decachlorobiphenyl	40	(10 - 127)

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRH1AA **Matrix.....:** WATER
MB Lot-Sample #: A8D080000-310

Prep Date.....: 04/08/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 04/09/08 **Prep Batch #...:** 8099310
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	**0.067 J**	**0.10**	**ug/L**	**SW846 8082**
Aroclor 1221	ND	0.10	ug/L	SW846 8082
Aroclor 1232	ND	0.10	ug/L	SW846 8082
Aroclor 1242	ND	0.10	ug/L	SW846 8082
Aroclor 1248	ND	0.10	ug/L	SW846 8082
Aroclor 1254	ND	0.10	ug/L	SW846 8082
Aroclor 1260	**0.085 J**	**0.10**	**ug/L**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(27 - 130)
Decachlorobiphenyl	46	(10 - 127)

NOTE(S):

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

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK01Q1AA **Matrix.....:** WATER
MB Lot-Sample #: A8D090000-299

Prep Date.....: 04/09/08 **Final Wgt/Vol..:** 2 mL
Analysis Date..: 04/10/08 **Prep Batch #...:** 8100299
Dilution Factor: 1 **Initial Wgt/Vol:** 1000 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.10	ug/L	SW846 8082
Aroclor 1221	ND	0.10	ug/L	SW846 8082
Aroclor 1232	ND	0.10	ug/L	SW846 8082
Aroclor 1242	ND	0.10	ug/L	SW846 8082
Aroclor 1248	ND	0.10	ug/L	SW846 8082
Aroclor 1254	ND	0.10	ug/L	SW846 8082
Aroclor 1260	ND	0.10	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	71	(27 - 130)
Decachlorobiphenyl	34	(10 - 127)

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-310 KKWRH1AD-LCSD
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**10**	**8.1**	**ug/L**	**81**		**SW846 8082**
	10	**9.1**	**ug/L**	**91**	**11**	**SW846 8082**
Aroclor 1260	**10**	**8.6**	**ug/L**	**86**		**SW846 8082**
	10	**9.5**	**ug/L**	**95**	**9.6**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
	91	(27 - 130)
Decachlorobiphenyl	42	(10 - 127)
	58	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKWRH1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A8D080000-310 KKWRH1AD-LCSD
Prep Date.....: 04/08/08 **Analysis Date..:** 04/09/08
Prep Batch #...: 8099310
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**81**	**(44 - 119)**			**SW846 8082**
	91	**(44 - 119)**	**11**	**(0-30)**	**SW846 8082**
Aroclor 1260	**86**	**(41 - 118)**			**SW846 8082**
	95	**(41 - 118)**	**9.6**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	81	(27 - 130)
	91	(27 - 130)
Decachlorobiphenyl	42	(10 - 127)
	58	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK01Q1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-299
Prep Date.....: 04/09/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8100299
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**10**	**7.4**	**ug/L**	**74**	**SW846 8082**
Aroclor 1260	**10**	**8.2**	**ug/L**	**82**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(27 - 130)
Decachlorobiphenyl	32	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KK01Q1AC **Matrix.....:** WATER
LCS Lot-Sample#: A8D090000-299
Prep Date.....: 04/09/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8100299
Dilution Factor: 5 **Final Wgt/Vol..:** 2 mL
Initial Wgt/Vol: 1000 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**74**	**(44 - 119)**	**SW846 8082**
Aroclor 1260	**82**	**(41 - 118)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	64	(27 - 130)
Decachlorobiphenyl	32	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1D8-MSD
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8100299
Dilution Factor: 5 **Initial Wgt/Vol:** 465 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**22**	**18**	**ug/L**	**82**		**SW846 8082**
	ND	**22**	**18**	**ug/L**	**82**	**0.17**	**SW846 8082**
Aroclor 1260	**ND**	**22**	**20**	**ug/L**	**92**		**SW846 8082**
	ND	**22**	**19**	**ug/L**	**86**	**6.1**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(27 - 130)
	72	(27 - 130)
Decachlorobiphenyl	77	(10 - 127)
	61	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: 8D08112 **Work Order #...:** KKX4V1D7-MS **Matrix.....:** WG
MS Lot-Sample #: A8D090146-001 KKX4V1D8-MSD
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08
Prep Date.....: 04/09/08 **Analysis Date..:** 04/10/08
Prep Batch #...: 8100299
Dilution Factor: 5 **Initial Wgt/Vol:** 465 mL **Final Wgt/Vol..:** 2 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**82**	**(10 - 166)**			**SW846 8082**
	82	**(10 - 166)**	**0.17**	**(0-30)**	**SW846 8082**
Aroclor 1260	**92**	**(21 - 140)**			**SW846 8082**
	86	**(21 - 140)**	**6.1**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	69	(27 - 130)
	72	(27 - 130)
Decachlorobiphenyl	77	(10 - 127)
	61	(10 - 127)

NOTE(S):

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

Bold print denotes control parameters

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

METALS DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

TOTAL Metals

Lot-Sample #...: A8D080112-001 **Matrix.....:** WG
Date Sampled...: 04/07/08 10:25 **Date Received..:** 04/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKVQ31A7
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKVQ31AK
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**157**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVQ31AG**
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31AM
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**46.7 B**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31AN**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31AP
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**73200 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31AR**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31AQ
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31AT
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

TOTAL Metals

Lot-Sample #...: A8D080112-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**3.3 B**	**5.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31A6**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	**2.3 J**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVQ31AJ**
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**1080**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31AU**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**5320**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31A1**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**24500 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31AW**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**91.7**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31AX**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**165000**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31A3**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31A0
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31AV
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	**0.78 B**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVQ31AH**
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

TOTAL Metals

Lot-Sample #...: A8D080112-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**5.4**	**5.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31A2**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	04/14-04/16/08	KKVQ31AL
		Dilution Factor: 1		Analysis Time..: 13:00	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**2.1 B**	**4.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVQ31A4**
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVQ31A5
		Dilution Factor: 1		Analysis Time..: 15:39	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	**0.12 B**	**0.20**	**ug/L**	**SW846 7470A**	**04/14-04/15/08**	**KKVQ31A8**
		Dilution Factor: 1		Analysis Time..: 14:01	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

TOTAL Metals

Lot-Sample #...: A8D080112-002 **Matrix.....:** WG
Date Sampled...: 04/07/08 11:30 **Date Received..:** 04/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKVRD1AJ
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKVRD1AV
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**172**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRD1AR**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1AX
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**111**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1A0**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1A1
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**141000 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1A3**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1A2
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1A4
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

TOTAL Metals

Lot-Sample #...: A8D080112-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1AH
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	**1.3 B,J**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRD1AU**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**539**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1A5**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**4550**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1AC**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**32100 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1A7**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**595**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1A8**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**365000**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1AE**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1AA
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	**22.5**	**3.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1A6**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	**0.17 B**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRD1AT**
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

TOTAL Metals

Lot-Sample #...: A8D080112-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1AD
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	04/14-04/16/08	KKVRD1AW
		Dilution Factor: 1		Analysis Time..: 13:04	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRD1AF
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**7.2 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRD1AG**
		Dilution Factor: 1		Analysis Time..: 15:44	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	04/14-04/15/08	KKVRD1AK
		Dilution Factor: 1		Analysis Time..: 14:17	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

TOTAL Metals

Lot-Sample #...: A8D080112-003 **Matrix.....:** WG
Date Sampled...: 04/07/08 13:20 **Date Received..:** 04/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKVRG1AJ
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKVRG1AV
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**92.8**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRG1AR**
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1AX
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**43.5 B**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1A0**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1A1
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**164000 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1A3**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1A2
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1A4
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

TOTAL Metals

Lot-Sample #...: A8D080112-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1AH
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	**1.4 B,J**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRG1AU**
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**166**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1A5**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**22800**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1AC**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**56400 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1A7**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**238**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1A8**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**44400**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1AE**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1AA
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	**2.5 B**	**3.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRG1A6**
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	**0.39 B**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRG1AT**
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

TOTAL Metals

Lot-Sample #...: A8D080112-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1AD
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	04/14-04/16/08	KKVRG1AW
		Dilution Factor: 1		Analysis Time..: 13:08	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1AF
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRG1AG
		Dilution Factor: 1		Analysis Time..: 15:49	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	**0.12 B**	**0.20**	**ug/L**	**SW846 7470A**	**04/14-04/15/08**	**KKVRG1AK**
		Dilution Factor: 1		Analysis Time..: 14:07	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

TOTAL Metals

Lot-Sample #...: A8D080112-004 **Matrix.....:** WG
Date Sampled...: 04/07/08 14:40 **Date Received..:** 04/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKVRH1AJ
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKVRH1AV
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**459**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRH1AR**
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRH1AX
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**90.8 B**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1A0**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRH1A1
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**118000 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1A3**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRH1A2
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	**13.3**	**7.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1A4**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

TOTAL Metals

Lot-Sample #...: A8D080112-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.4 B**	**5.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1AH**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	**4.1 J**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRH1AU**
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**1250**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1A5**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**5990**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1AC**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**29800 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1A7**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**475**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1A8**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**593000**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/16/08**	**KKVRH1AE**
		Dilution Factor: 5		Analysis Time..: 07:43	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2950		
Nickel	**8.6 B**	**20.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1AA**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRH1A6
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	**0.51 B**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRH1AT**
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

TOTAL Metals

Lot-Sample #...: A8D080112-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRH1AD
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	04/14-04/16/08	KKVRH1AW
		Dilution Factor: 1		Analysis Time..: 13:12	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRH1AF
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	**31.4**	**20.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRH1AG**
		Dilution Factor: 1		Analysis Time..: 15:54	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	04/14-04/15/08	KKVRH1AK
		Dilution Factor: 1		Analysis Time..: 14:14	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

TOTAL Metals

Lot-Sample #...: A8D080112-005 **Matrix.....:** WG
Date Sampled...: 04/07/08 15:40 **Date Received..:** 04/08/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKVRK1AJ
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKVRK1AV
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**467**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRK1AR**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1AX
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**23.4 B**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1A0**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1A1
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**73200 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1A3**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1A2
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1A4
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

TOTAL Metals

Lot-Sample #...: A8D080112-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	**2.4 B**	**5.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1AH**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	**1.3 B,J**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRK1AU**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**711**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1A5**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**2240**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1AC**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**19200 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1A7**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**23.1**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1A8**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**124000**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1AE**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 590		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1AA
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1A6
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	**0.30 B**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKVRK1AT**
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

TOTAL Metals

Lot-Sample #...: A8D080112-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	**4.5 B**	**5.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1AD**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	04/14-04/16/08	KKVRK1AW
		Dilution Factor: 1		Analysis Time..: 13:16	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	**1.0 B**	**4.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKVRK1AF**
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKVRK1AG
		Dilution Factor: 1		Analysis Time..: 15:59	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	04/14-04/15/08	KKVRK1AK
		Dilution Factor: 1		Analysis Time..: 14:05	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

TOTAL Metals

Lot-Sample #...: A8D090146-001 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKX4V1D1
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKX4V1A4
		Dilution Factor: 1		Analysis Time..: 13:21	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**22.5 B**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKX4V1AT**
		Dilution Factor: 1		Analysis Time..: 13:21	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1CA
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**299**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX4V1CE**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1CH
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**143000 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX4V1CP**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1CL
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1CT
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

TOTAL Metals

Lot-Sample #...: A8D090146-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1DW
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	2.0	ug/L	SW846 6020	04/14-04/16/08	KKX4V1A1
		Dilution Factor: 1		Analysis Time..: 13:21	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**7670**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX4V1CW**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**6790**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX4V1DE**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**33500 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX4V1C4**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**324**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX4V1C7**
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**730000**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/16/08**	**KKX4V1DL**
		Dilution Factor: 5		Analysis Time..: 07:48	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2950		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1DA
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1C1
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	2.0	ug/L	SW846 6020	04/14-04/16/08	KKX4V1AW
		Dilution Factor: 1		Analysis Time..: 13:21	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

TOTAL Metals

Lot-Sample #...: A8D090146-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1DH
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	ND	1.0	ug/L	SW846 6020	04/14-04/16/08	KKX4V1A7
		Dilution Factor: 1		Analysis Time..: 13:21	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1DP
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKX4V1DT
		Dilution Factor: 1		Analysis Time..: 16:05	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	04/14-04/15/08	KKX4V1D4
		Dilution Factor: 1		Analysis Time..: 13:54	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

TOTAL Metals

Lot-Sample #...: A8D090146-002 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:15 **Date Received..:** 04/09/08

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 8105013						
Trivalent Chromium	ND	0.0050	mg/L	SW846 7196A	04/14-04/15/08	KKX421A0
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.0050		
Prep Batch #...: 8105014						
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KKX421AC
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.080		
Aluminum	**26.2 B**	**50.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKX421AK**
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 19.0		
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421AQ
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Barium	**293**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX421AR**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.67		
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421AT
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.46		
Calcium	**142000 J**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX421AV**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 130		
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421AU
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.66		
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421AW
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.7		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

TOTAL Metals

Lot-Sample #...: A8D090146-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421A8
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2.2		
Copper	ND	2.0	ug/L	SW846 6020	04/14-04/16/08	KKX421AA
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.29		
Iron	**7880**	**100**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX421AX**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 81.0		
Potassium	**6700**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX421A3**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 72.0		
Magnesium	**33000 J**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX421AN**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 34.0		
Manganese	**323**	**15.0**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KKX421AP**
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.41		
Sodium	**716000**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/16/08**	**KKX421A5**
		Dilution Factor: 5		Analysis Time..: 08:19	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 2950		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421A2
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 3.2		
Lead	ND	3.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421AM
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 1.9		
Antimony	ND	2.0	ug/L	SW846 6020	04/14-04/16/08	KKX421AL
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.13		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

TOTAL Metals

Lot-Sample #...: A8D090146-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421A4
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 4.1		
Thallium	**0.31 B,J**	**1.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KKX421AD**
		Dilution Factor: 1		Analysis Time..: 13:35	Analyst ID.....: 002260	
		Instrument ID..: I8		MDL.....: 0.14		
Vanadium	ND	4.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421A6
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 0.64		
Zinc	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KKX421A7
		Dilution Factor: 1		Analysis Time..: 16:21	Analyst ID.....: 001637	
		Instrument ID..: I6		MDL.....: 5.0		
Mercury	ND	0.20	ug/L	SW846 7470A	04/14-04/15/08	KKX421A1
		Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001576	
		Instrument ID..: H4		MDL.....: 0.12		

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A8D140000-014 **Prep Batch #...:** 8105014						
Aluminum	ND	50.0	ug/L	SW846 6020	04/14-04/16/08	KK8JV1AA
		Dilution Factor: 1				
		Analysis Time..: 12:16	Analyst ID.....: 002260		Instrument ID..: I8	
Antimony	ND	2.0	ug/L	SW846 6020	04/14-04/16/08	KK8JV1AC
		Dilution Factor: 1				
		Analysis Time..: 12:16	Analyst ID.....: 002260		Instrument ID..: I8	
Arsenic	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AG
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Barium	ND	100	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AH
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Beryllium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AJ
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Cadmium	ND	1.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AK
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Calcium	**288 B**	**5000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KK8JV1AL**
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Chromium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1A1
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Cobalt	ND	7.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AM
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	
Copper	**0.48 B**	**2.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KK8JV1AD**
		Dilution Factor: 1				
		Analysis Time..: 12:16	Analyst ID.....: 002260		Instrument ID..: I8	
Iron	ND	100	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AN
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637		Instrument ID..: I6	

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AP
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Magnesium	**62.4 B**	**1000**	**ug/L**	**SW846 6010B**	**04/14-04/15/08**	**KK8JV1AQ**
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Manganese	ND	15.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AR
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Nickel	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AT
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Potassium	ND	1000	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AU
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Selenium	ND	5.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AV
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Silver	ND	0.20	ug/L	SW846 6020	04/14-04/16/08	KK8JV1AE
		Dilution Factor: 1				
		Analysis Time..: 12:16	Analyst ID.....: 002260	Instrument ID..: I8		
Sodium	ND	1000	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AW
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Thallium	**0.31 B**	**1.0**	**ug/L**	**SW846 6020**	**04/14-04/16/08**	**KK8JV1AF**
		Dilution Factor: 1				
		Analysis Time..: 12:16	Analyst ID.....: 002260	Instrument ID..: I8		
Vanadium	ND	4.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1AX
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Zinc	ND	20.0	ug/L	SW846 6010B	04/14-04/15/08	KK8JV1A0
		Dilution Factor: 1				
		Analysis Time..: 14:04	Analyst ID.....: 001637	Instrument ID..: I6		
Mercury	ND	0.20	ug/L	SW846 7470A	04/14-04/15/08	KK8JV1A2
		Dilution Factor: 1				
		Analysis Time..: 13:52	Analyst ID.....: 001576	Instrument ID..: H4		

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

NOTE(S):

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

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8D140000-014 **Prep Batch #...:** 8105014							
Aluminum	1000	1030	ug/L	103	SW846 6020	04/14-04/16/08	KK8JV1A3
			Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 002260	
			Instrument ID..: I8				
Antimony	100	100	ug/L	100	SW846 6020	04/14-04/16/08	KK8JV1A4
			Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 002260	
			Instrument ID..: I8				
Copper	100	103	ug/L	103	SW846 6020	04/14-04/16/08	KK8JV1A5
			Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 002260	
			Instrument ID..: I8				
Silver	100	104	ug/L	104	SW846 6020	04/14-04/16/08	KK8JV1A6
			Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 002260	
			Instrument ID..: I8				
Thallium	100	95.9	ug/L	96	SW846 6020	04/14-04/16/08	KK8JV1A7
			Dilution Factor: 1		Analysis Time..: 12:21	Analyst ID.....: 002260	
			Instrument ID..: I8				
Arsenic	2000	1750	ug/L	87	SW846 6010B	04/14-04/15/08	KK8JV1A8
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Barium	2000	1870	ug/L	94	SW846 6010B	04/14-04/15/08	KK8JV1A9
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Beryllium	50.0	45.0	ug/L	90	SW846 6010B	04/14-04/15/08	KK8JV1CA
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Cadmium	50.0	45.3	ug/L	91	SW846 6010B	04/14-04/15/08	KK8JV1CC
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Calcium	50000	45500	ug/L	91	SW846 6010B	04/14-04/15/08	KK8JV1CD
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	500	423	ug/L	85	SW846 6010B	04/14-04/15/08	KK8JV1CE
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Iron	1000	933	ug/L	93	SW846 6010B	04/14-04/15/08	KK8JV1CF
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Lead	500	440	ug/L	88	SW846 6010B	04/14-04/15/08	KK8JV1CG
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Magnesium	50000	46000	ug/L	92	SW846 6010B	04/14-04/15/08	KK8JV1CH
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Manganese	500	438	ug/L	88	SW846 6010B	04/14-04/15/08	KK8JV1CJ
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Nickel	500	433	ug/L	87	SW846 6010B	04/14-04/15/08	KK8JV1CK
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Potassium	50000	47300	ug/L	95	SW846 6010B	04/14-04/15/08	KK8JV1CL
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Selenium	2000	1840	ug/L	92	SW846 6010B	04/14-04/15/08	KK8JV1CM
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Sodium	50000	44700	ug/L	89	SW846 6010B	04/14-04/15/08	KK8JV1CN
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Vanadium	500	449	ug/L	90	SW846 6010B	04/14-04/15/08	KK8JV1CP
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Zinc	500	462	ug/L	92	SW846 6010B	04/14-04/15/08	KK8JV1CQ
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	177	ug/L	89	SW846 6010B	04/14-04/15/08	KK8JV1CR
			Dilution Factor: 1		Analysis Time..: 14:09	Analyst ID.....: 001637	
			Instrument ID..: I6				
Mercury	5.0	4.9	ug/L	99	SW846 7470A	04/14-04/15/08	KK8JV1CT
			Dilution Factor: 1		Analysis Time..: 13:53	Analyst ID.....: 001576	
			Instrument ID..: H4				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A8D140000-014 **Prep Batch #...:** 8105014					
Aluminum	103	(77 - 123)	SW846 6020	04/14-04/16/08	KK8JV1A3
		Dilution Factor: 1	Analysis Time..: 12:21	Analyst ID.....: 002260	
		Instrument ID..: I8			
Antimony	100	(57 - 110)	SW846 6020	04/14-04/16/08	KK8JV1A4
		Dilution Factor: 1	Analysis Time..: 12:21	Analyst ID.....: 002260	
		Instrument ID..: I8			
Copper	103	(82 - 113)	SW846 6020	04/14-04/16/08	KK8JV1A5
		Dilution Factor: 1	Analysis Time..: 12:21	Analyst ID.....: 002260	
		Instrument ID..: I8			
Silver	104	(83 - 111)	SW846 6020	04/14-04/16/08	KK8JV1A6
		Dilution Factor: 1	Analysis Time..: 12:21	Analyst ID.....: 002260	
		Instrument ID..: I8			
Thallium	96	(82 - 113)	SW846 6020	04/14-04/16/08	KK8JV1A7
		Dilution Factor: 1	Analysis Time..: 12:21	Analyst ID.....: 002260	
		Instrument ID..: I8			
Arsenic	87	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1A8
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Barium	94	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1A9
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Beryllium	90	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CA
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Cadmium	91	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CC
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Calcium	91	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CD
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	85	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CE
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Iron	93	(77 - 122)	SW846 6010B	04/14-04/15/08	KK8JV1CF
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Lead	88	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CG
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Magnesium	92	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CH
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Manganese	88	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CJ
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Nickel	87	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CK
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Potassium	95	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CL
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Selenium	92	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CM
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Sodium	89	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CN
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Vanadium	90	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CP
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			
Zinc	92	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CQ
		Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637	
		Instrument ID..: I6			

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	89	(80 - 120)	SW846 6010B	04/14-04/15/08	KK8JV1CR
	Dilution Factor: 1	Analysis Time..: 14:09	Analyst ID.....: 001637		
	Instrument ID..: I6				
Mercury	99	(81 - 123)	SW846 7470A	04/14-04/15/08	KK8JV1CT
	Dilution Factor: 1	Analysis Time..: 13:53	Analyst ID.....: 001576		
	Instrument ID..: H4				

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8D090146-001 **Prep Batch #...:** 8105014									
Aluminum									
	22.5	1000	1010	ug/L	99		SW846 6020	04/14-04/16/08	KKX4V1AU
	22.5	1000	958	ug/L	94	5.3	SW846 6020	04/14-04/16/08	KKX4V1AV
			Dilution Factor: 1						
			Analysis Time..: 13:25		Instrument ID..: I8			Analyst ID.....: 002260	
Antimony									
	ND	100	99.8	ug/L	100		SW846 6020	04/14-04/16/08	KKX4V1AX
	ND	100	94.9	ug/L	95	5.0	SW846 6020	04/14-04/16/08	KKX4V1A0
			Dilution Factor: 1						
			Analysis Time..: 13:25		Instrument ID..: I8			Analyst ID.....: 002260	
Arsenic									
	ND	2000	2100	ug/L	105		SW846 6010B	04/14-04/15/08	KKX4V1CC
	ND	2000	2090	ug/L	105	0.27	SW846 6010B	04/14-04/15/08	KKX4V1CD
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Barium									
	299	2000	2510	ug/L	110		SW846 6010B	04/14-04/15/08	KKX4V1CF
	299	2000	2480	ug/L	109	0.95	SW846 6010B	04/14-04/15/08	KKX4V1CG
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Beryllium									
	ND	50.0	51.9	ug/L	104		SW846 6010B	04/14-04/15/08	KKX4V1CJ
	ND	50.0	51.7	ug/L	103	0.50	SW846 6010B	04/14-04/15/08	KKX4V1CK
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Cadmium									
	ND	50.0	52.3	ug/L	105		SW846 6010B	04/14-04/15/08	KKX4V1CM
	ND	50.0	51.9	ug/L	104	0.71	SW846 6010B	04/14-04/15/08	KKX4V1CN
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Calcium									
	143000	50000	194000	ug/L	101		SW846 6010B	04/14-04/15/08	KKX4V1CQ
	143000	50000	185000	ug/L	83	4.8	SW846 6010B	04/14-04/15/08	KKX4V1CR
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	ND	200	207	ug/L	103		SW846 6010B	04/14-04/15/08	KKX4V1DX
	ND	200	205	ug/L	103	0.63	SW846 6010B	04/14-04/15/08	KKX4V1D0
			Dilution Factor: 1						
			Analysis Time..: 16:10	Instrument ID..: I6				Analyst ID.....: 001637	
Cobalt									
	ND	500	494	ug/L	99		SW846 6010B	04/14-04/15/08	KKX4V1CU
	ND	500	491	ug/L	98	0.59	SW846 6010B	04/14-04/15/08	KKX4V1CV
			Dilution Factor: 1						
			Analysis Time..: 16:10	Instrument ID..: I6				Analyst ID.....: 001637	
Copper									
	ND	100	92.5	ug/L	92		SW846 6020	04/14-04/16/08	KKX4V1A2
	ND	100	88.4	ug/L	88	4.4	SW846 6020	04/14-04/16/08	KKX4V1A3
			Dilution Factor: 1						
			Analysis Time..: 13:25	Instrument ID..: I8				Analyst ID.....: 002260	
Iron									
	7670	1000	8930	ug/L			SW846 6010B	04/14-04/15/08	KKX4V1CX
			Qualifiers: NC,MSB						
	7670	1000	8450	ug/L			SW846 6010B	04/14-04/15/08	KKX4V1C0
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:10	Instrument ID..: I6				Analyst ID.....: 001637	
Lead									
	ND	500	512	ug/L	102		SW846 6010B	04/14-04/15/08	KKX4V1C2
	ND	500	509	ug/L	102	0.57	SW846 6010B	04/14-04/15/08	KKX4V1C3
			Dilution Factor: 1						
			Analysis Time..: 16:10	Instrument ID..: I6				Analyst ID.....: 001637	
Magnesium									
	33500	50000	87100	ug/L	107		SW846 6010B	04/14-04/15/08	KKX4V1C5
	33500	50000	84600	ug/L	102	2.9	SW846 6010B	04/14-04/15/08	KKX4V1C6
			Dilution Factor: 1						
			Analysis Time..: 16:10	Instrument ID..: I6				Analyst ID.....: 001637	
Manganese									
	324	500	840	ug/L	103		SW846 6010B	04/14-04/15/08	KKX4V1C8
	324	500	816	ug/L	98	2.8	SW846 6010B	04/14-04/15/08	KKX4V1C9
			Dilution Factor: 1						
			Analysis Time..: 16:10	Instrument ID..: I6				Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	497	ug/L	99		SW846 6010B	04/14-04/15/08	KKX4V1DC
	ND	500	495	ug/L	99	0.33	SW846 6010B	04/14-04/15/08	KKX4V1DD
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Potassium									
	6790	50000	72200 N	ug/L	131		SW846 6010B	04/14-04/15/08	KKX4V1DF
	6790	50000	71200 N	ug/L	129	1.4	SW846 6010B	04/14-04/15/08	KKX4V1DG
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Selenium									
	ND	2000	2180	ug/L	109		SW846 6010B	04/14-04/15/08	KKX4V1DJ
	ND	2000	2170	ug/L	108	0.51	SW846 6010B	04/14-04/15/08	KKX4V1DK
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Silver									
	ND	100	93.3	ug/L	93		SW846 6020	04/14-04/16/08	KKX4V1A5
	ND	100	89.7	ug/L	90	3.9	SW846 6020	04/14-04/16/08	KKX4V1A6
			Dilution Factor: 1						
			Analysis Time..: 13:25		Instrument ID..: I8			Analyst ID.....: 002260	
Sodium									
	730000	50000	795000	ug/L			SW846 6010B	04/14-04/16/08	KKX4V1DM
			Qualifiers: NC,MSB						
	730000	50000	752000	ug/L			SW846 6010B	04/14-04/16/08	KKX4V1DN
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
			Analysis Time..: 07:53		Instrument ID..: I6			Analyst ID.....: 001637	
Thallium									
	ND	100	98.4	ug/L	98		SW846 6020	04/14-04/16/08	KKX4V1A8
	ND	100	93.4	ug/L	93	5.2	SW846 6020	04/14-04/16/08	KKX4V1A9
			Dilution Factor: 1						
			Analysis Time..: 13:25		Instrument ID..: I8			Analyst ID.....: 002260	
Vanadium									
	ND	500	526	ug/L	105		SW846 6010B	04/14-04/15/08	KKX4V1DQ
	ND	500	524	ug/L	105	0.40	SW846 6010B	04/14-04/15/08	KKX4V1DR
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	ND	500	550	ug/L	110		SW846 6010B	04/14-04/15/08	KKX4V1DU
	ND	500	547	ug/L	109	0.56	SW846 6010B	04/14-04/15/08	KKX4V1DV
			Dilution Factor: 1						
			Analysis Time..: 16:10		Instrument ID..: I6			Analyst ID.....: 001637	
Mercury									
	ND	1.0	1.0	ug/L	103		SW846 7470A	04/14-04/15/08	KKX4V1D5
	ND	1.0	1.0	ug/L	103	0.68	SW846 7470A	04/14-04/15/08	KKX4V1D6
			Dilution Factor: 1						
			Analysis Time..: 13:58		Instrument ID..: H4			Analyst ID.....: 001576	

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A8D090146-001 **Prep Batch #...:** 8105014							
Aluminum	99	(63 - 128)			SW846 6020	04/14-04/16/08	KKX4V1AU
	94	(63 - 128)	5.3	(0-20)	SW846 6020	04/14-04/16/08	KKX4V1AV
		Dilution Factor: 1					
		Analysis Time..: 13:25			Instrument ID..: I8	Analyst ID.....: 002260	
Antimony	100	(44 - 153)			SW846 6020	04/14-04/16/08	KKX4V1AX
	95	(44 - 153)	5.0	(0-20)	SW846 6020	04/14-04/16/08	KKX4V1A0
		Dilution Factor: 1					
		Analysis Time..: 13:25			Instrument ID..: I8	Analyst ID.....: 002260	
Arsenic	105	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CC
	105	(75 - 125)	0.27	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1CD
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Barium	110	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CF
	109	(75 - 125)	0.95	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1CG
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Beryllium	104	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CJ
	103	(75 - 125)	0.50	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1CK
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Cadmium	105	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CM
	104	(75 - 125)	0.71	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1CN
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Calcium	101	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CQ
	83	(75 - 125)	4.8	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1CR
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Chromium	103	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1DX
	103	(75 - 125)	0.63	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1D0
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	99	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CU
	98	(75 - 125)	0.59	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1CV
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Copper	92	(60 - 123)			SW846 6020	04/14-04/16/08	KKX4V1A2
	88	(60 - 123)	4.4	(0-20)	SW846 6020	04/14-04/16/08	KKX4V1A3
		Dilution Factor: 1					
		Analysis Time..: 13:25			Instrument ID..: I8	Analyst ID.....: 002260	
Iron	NC,MSB	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1CX
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1C0
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Lead	102	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1C2
	102	(75 - 125)	0.57	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1C3
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Magnesium	107	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1C5
	102	(75 - 125)	2.9	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1C6
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Manganese	103	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1C8
	98	(75 - 125)	2.8	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1C9
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Nickel	99	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1DC
	99	(75 - 125)	0.33	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1DD
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Potassium	131 N	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1DF
	129 N	(75 - 125)	1.4	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1DG
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Selenium	109	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1DJ
	108	(75 - 125)	0.51	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1DK
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	93	(10 - 139)			SW846 6020	04/14-04/16/08	KKX4V1A5
	90	(10 - 139)	3.9	(0-20)	SW846 6020	04/14-04/16/08	KKX4V1A6
		Dilution Factor: 1					
		Analysis Time..: 13:25			Instrument ID..: I8	Analyst ID.....: 002260	
Sodium	NC,MSB	(75 - 125)			SW846 6010B	04/14-04/16/08	KKX4V1DM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	04/14-04/16/08	KKX4V1DN
		Dilution Factor: 5					
		Analysis Time..: 07:53			Instrument ID..: I6	Analyst ID.....: 001637	
Thallium	98	(69 - 117)			SW846 6020	04/14-04/16/08	KKX4V1A8
	93	(69 - 117)	5.2	(0-20)	SW846 6020	04/14-04/16/08	KKX4V1A9
		Dilution Factor: 1					
		Analysis Time..: 13:25			Instrument ID..: I8	Analyst ID.....: 002260	
Vanadium	105	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1DQ
	105	(75 - 125)	0.40	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1DR
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Zinc	110	(75 - 125)			SW846 6010B	04/14-04/15/08	KKX4V1DU
	109	(75 - 125)	0.56	(0-20)	SW846 6010B	04/14-04/15/08	KKX4V1DV
		Dilution Factor: 1					
		Analysis Time..: 16:10			Instrument ID..: I6	Analyst ID.....: 001637	
Mercury	103	(69 - 134)			SW846 7470A	04/14-04/15/08	KKX4V1D5
	103	(69 - 134)	0.68	(0-20)	SW846 7470A	04/14-04/15/08	KKX4V1D6
		Dilution Factor: 1					
		Analysis Time..: 13:58			Instrument ID..: H4	Analyst ID.....: 001576	

NOTE(S):

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

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

GENERAL CHEMISTRY DATA

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-001

General Chemistry

Lot-Sample #...: A8D080112-001 **Work Order #...:** KKVQ3 **Matrix.....:** WG
Date Sampled...: 04/07/08 10:25 **Date Received..:** 04/08/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	04/09/08	8100501
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1			MDL.....: 0.002		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-002

General Chemistry

Lot-Sample #...: A8D080112-002 **Work Order #...:** KKVRD **Matrix.....:** WG
Date Sampled...: 04/07/08 11:30 **Date Received..:** 04/08/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	**0.020**	**0.0050**	**mg/L**	**SW846 9012A**	**04/09/08**	**8100501**
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1			MDL.....: 0.002		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-003

General Chemistry

Lot-Sample #...: A8D080112-003 **Work Order #...:** KKVRG **Matrix.....:** WG
Date Sampled...: 04/07/08 13:20 **Date Received..:** 04/08/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	04/09/08	8100501
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1			MDL.....: 0.002		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-004

General Chemistry

Lot-Sample #...: A8D080112-004 **Work Order #...:** KKVRH **Matrix.....:** WG
Date Sampled...: 04/07/08 14:40 **Date Received..:** 04/08/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	**0.014**	**0.0050**	**mg/L**	**SW846 9012A**	**04/09/08**	**8100501**
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1			MDL.....: 0.002		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040708-CB-005

General Chemistry

Lot-Sample #...: A8D080112-005 **Work Order #...:** KKVRK **Matrix.....:** WG
Date Sampled...: 04/07/08 15:40 **Date Received..:** 04/08/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	04/09/08	8100501
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1			MDL.....: 0.002		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-006

General Chemistry

Lot-Sample #...: A8D090146-001 **Work Order #...:** KKX4V **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	04/15/08	8106456
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/09/08	8100416
	Dilution Factor: 1			MDL.....: 0.002		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: GW-17322-040808-CB-007

General Chemistry

Lot-Sample #...: A8D090146-002 **Work Order #...:** KKX42 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:15 **Date Received..:** 04/09/08

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	ND	0.0050	mg/L	SW846 9012A	04/15/08	8106456
	Dilution Factor: 1			MDL.....: 0.0050		
Hexavalent Chromium	ND	0.01	mg/L	SW846 7196A	04/09/08	8100416
	Dilution Factor: 1			MDL.....: 0.002		

METHOD BLANK REPORT

General Chemistry

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	Work Order #: KK2X21AA			MB Lot-Sample #:	A8D090000-501	
	ND	0.0050	mg/L	SW846 9012A	04/09/08	8100501
	Dilution Factor: 1					
Cyanide Amenable to Chlorination	Work Order #: KLC691AA			MB Lot-Sample #:	A8D150000-456	
	ND	0.0050	mg/L	SW846 9012A	04/15/08	8106456
	Dilution Factor: 1					
Hexavalent Chromium	Work Order #: KKW6G1AA			MB Lot-Sample #:	A8D080000-438	
	ND	0.01	mg/L	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1					
Hexavalent Chromium	Work Order #: KK1LJ1AA			MB Lot-Sample #:	A8D090000-416	
	ND	0.01	mg/L	SW846 7196A	04/09/08	8100416
	Dilution Factor: 1					

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination	Work Order #: KK2X21AC				LCS Lot-Sample#: A8D090000-501		
	0.66	0.53	mg/L	80	SW846 9012A	04/09/08	8100501
	Dilution Factor: 1						
Cyanide Amenable to Chlorination	Work Order #: KLC691AC				LCS Lot-Sample#: A8D150000-456		
	0.66	0.59	mg/L	89	SW846 9012A	04/15/08	8106456
	Dilution Factor: 1						
Hexavalent Chromium	Work Order #: KKW6G1AC				LCS Lot-Sample#: A8D080000-438		
	0.25	0.27	mg/L	108	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1						
Hexavalent Chromium	Work Order #: KK1LJ1AC				LCS Lot-Sample#: A8D090000-416		
	0.25	0.23	mg/L	91	SW846 7196A	04/09/08	8100416
	Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 8D08112 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide Amenable to Chlorination		Work Order #: KK2X21AC	LCS Lot-Sample#: A8D090000-501		
	80	(62 - 118)	SW846 9012A	04/09/08	8100501
		Dilution Factor: 1			
Cyanide Amenable to Chlorination		Work Order #: KLC691AC	LCS Lot-Sample#: A8D150000-456		
	89	(62 - 118)	SW846 9012A	04/15/08	8106456
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KKW6G1AC	LCS Lot-Sample#: A8D080000-438		
	108	(80 - 118)	SW846 7196A	04/08/08	8099438
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: KK1LJ1AC	LCS Lot-Sample#: A8D090000-416		
	91	(80 - 118)	SW846 7196A	04/09/08	8100416
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium			WO#: KKVRK1A9-MS/KKVRK1CA-MSD		MS Lot-Sample #: A8D080112-005				
	ND	0.25	0.27	mg/L	106		SW846 7196A	04/08/08	8099438
	ND	0.25	0.27	mg/L	109	3.4	SW846 7196A	04/08/08	8099438
			Dilution Factor: 1						
Hexavalent Chromium			WO#: KKX4V1AC-MS/KKX4V1AD-MSD		MS Lot-Sample #: A8D090146-001				
	ND	0.25	0.11	mg/L	45		SW846 7196A	04/09/08	8100416
	ND	0.25	0.11	mg/L	45	1.2	SW846 7196A	04/09/08	8100416
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: 8D08112 **Matrix.....:** WG
Date Sampled...: 04/08/08 13:00 **Date Received..:** 04/09/08

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Hexavalent Chromium	WO#: KKVRK1A9-MS/KKVRK1CA-MSD					MS Lot-Sample #: A8D080112-005	
	106	(41 - 136)			SW846 7196A	04/08/08	8099438
	109	(41 - 136)	3.4	(0-20)	SW846 7196A	04/08/08	8099438
	Dilution Factor: 1						
Hexavalent Chromium	WO#: KKX4V1AC-MS/KKX4V1AD-MSD					MS Lot-Sample #: A8D090146-001	
	45	(41 - 136)			SW846 7196A	04/09/08	8100416
	45	(41 - 136)	1.2	(0-20)	SW846 7196A	04/09/08	8100416
	Dilution Factor: 1						

NOTE(S):

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

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END OF REPORT

APPENDIX D

GRAIN SIZE DISTRIBUTIONS AND HYDRAULIC CONDUCTIVITY RESULTS

INSPEC•SOL

Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter

Constant Head Method
(ASTM D-5084)

SAMPLE IDENTIFICATION

Sample No.	SO-17322-121007-CB-144
Type of specimen	**Geoprobe**
Depth of undisturbed sample, ft/m.	**4.3 m**

Date	**10-Dec-07**
Project No.	**17322-04**
Site	**GM Validation, Syracuse, NY**

Specimen description	**Clayey SILT, with sand, trace gravel**

Specimen conditions:		**Initial**	**Final**
Diameter	cm	*3.788*	
Length	cm	*4.0595*	
Volume	cm^3	45.75	
Wet Mass	gr.	*101.7*	*102.5*
Dry Density	kg/m^3	*1954*	
Water content	%	*13.8*	*14.7*

Permeation condition		
Cell pressure	kPa	*300.00*
Head pressure	kPa	*206.00*
Back pressure	kPa	*192.00*
Volume under steady state flow	cm^3	*0.3-0.9*
Hydraulic gradient, I	-	*14.0*

HYDRAULIC CONDUCTIVITY, cm/s	***1.49E-08***

INSPEC•SOL

Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter

Constant Head Method

(ASTM D-5084)

SAMPLE IDENTIFICATION

Sample No.	SO-17322-121007-CB-143
Type of specimen	**Geoprobe**
Depth of undisturbed sample, ft/m.	**5.2 m**

Date	**10-Dec-07**
Project No.	**17322-04**
Site	**GM Validation, Syracuse, NY**

Specimen description	**SILT with clay**

Specimen conditions:		**Initial**	**Final**
Diameter	cm	*3.72*	
Length	cm	*3.8745*	
Volume	cm^3	42.11	
Wet Mass	gr.	*93.7*	*90.4*
Dry Density	kg/m^3	*1783*	
Water content	%	*24.8*	*20.1*

Permeation condition		
Cell pressure	kPa	*300.00*
Head pressure	kPa	*182.00*
Back pressure	kPa	*168.00*
Volume under steady state flow	cm^3	*0.3-3.3*
Hydraulic gradient, I	-	*14.0*

HYDRAULIC CONDUCTIVITY, cm/s	***1.39E-07***

INSPEC•SOL

Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter

Constant Head Method
(ASTM D-5084)

SAMPLE IDENTIFICATION

Sample No.	SO-17322-121007-CB-142
Type of specimen	**Geoprobe**
Depth of undisturbed sample, ft/m.	**5.5 m**

Date	**10-Dec-07**
Project No.	**17322-04**
Site	**GM Validation, Syracuse, NY**

Specimen description	**SAND and SILT, with clay, trace gravel**

Specimen conditions:		**Initial**	**Final**
Diameter	cm	*3.7945*	
Length	cm	*4.0675*	
Volume	cm^3	46.00	
Wet Mass	gr.	*108*	*106.8*
Dry Density	kg/m^3	*2113*	
Water content	%	*11.1*	*9.9*

Permeation condition		
Cell pressure	kPa	*300.00*
Head pressure	kPa	*172.00*
Back pressure	kPa	*158.00*
Volume under steady state flow	cm^3	*0.4-0.6*
Hydraulic gradient, I	-	*14.0*

HYDRAULIC CONDUCTIVITY, cm/s	***1.69E-08***

INSPEC-SOL

Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter

Constant Head Method
(ASTM D-5084)

SAMPLE IDENTIFICATION

Sample No.	SO-17322-121007-CB-142
Type of specimen	**Geoprobe**
Depth of undisturbed sample, ft/m.	**5.5 m**

Date	**10-Dec-07**
Project No.	**17322-04**
Site	**GM Validation, Syracuse, NY**

Specimen description	**SAND and SILT, with clay, trace gravel**

Specimen conditions:		**Initial**
Diameter	cm	*3.7945*
Length	cm	*4.0675*
Volume	cm^3	46.00
Wet Mass	gr.	*108*
Dry Density	kg/m^3	*2348*
Water content	%	*0.0*

Permeation condition		
Cell pressure	kPa	*300.00*
Head pressure	kPa	*172.00*
Back pressure	kPa	*158.00*
Volume under steady state flow	cm^3	*0.4-0.6*
Hydraulic gradient, I	-	*14.0*

HYDRAULIC CONDUCTIVITY, cm/s	***1.69E-08***

INSPEC-SOL

Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter

Constant Head Method
(ASTM D-5084)

SAMPLE IDENTIFICATION

Sample No.	SO-17322-121007-CB-143
Type of specimen	**Geoprobe**
Depth of undisturbed sample, ft/m.	**5.2 m**

Date	**10-Dec-07**
Project No.	**17322-04**
Site	**GM Validation, Syracuse, NY**

Specimen description	**SILT with clay**

Specimen conditions:		**Initial**
Diameter	cm	*3.72*
Length	cm	*3.8745*
Volume	cm^3	42.11
Wet Mass	gr.	*93.7*
Dry Density	kg/m^3	*2225*
Water content	%	*0.0*

Permeation condition		
Cell pressure	kPa	*300.00*
Head pressure	kPa	*182.00*
Back pressure	kPa	*168.00*
Volume under steady state flow	cm^3	*0.3-3.3*
Hydraulic gradient, I	-	*14.0*

HYDRAULIC CONDUCTIVITY, cm/s	***1.39E-07***

INSPEC-SOL

Measurement of Hydraulic Conductivity of Saturated Porous Material Using a Flexible Wall Permeameter

Constant Head Method
(ASTM D-5084)

SAMPLE IDENTIFICATION

Sample No.	SO-17322-121007-CB-144
Type of specimen	**Geoprobe**
Depth of undisturbed sample, ft/m.	**4.3 m**

Date	**10-Dec-07**
Project No.	**17322-04**
Site	**GM Validation, Syracuse, NY**

Specimen description	**Clayey SILT, with sand, trace gravel**

Specimen conditions:		**Initial**
Diameter	cm	*3.788*
Length	cm	*4.0595*
Volume	cm^3	45.75
Wet Mass	gr.	*101.7*
Dry Density	kg/m^3	*2223*
Water content	%	*0.0*

Permeation condition		
Cell pressure	kPa	*300.00*
Head pressure	kPa	*206.00*
Back pressure	kPa	*192.00*
Volume under steady state flow	cm^3	*0.3-0.9*
Hydraulic gradient, I	-	*14.0*

HYDRAULIC CONDUCTIVITY, cm/s	***1.49E-08***

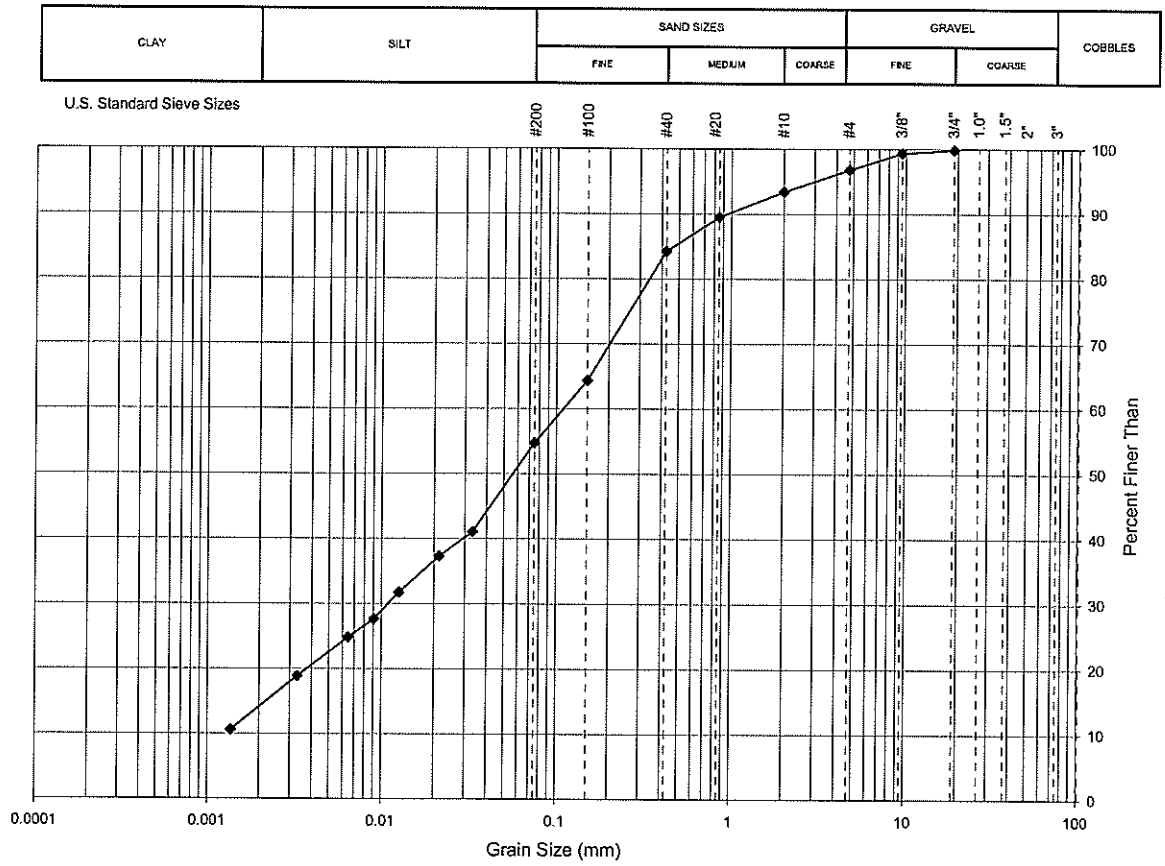
ENCLOSURE No.: 1

INSPEC•SOL

SAMPLE DATE: December 10, 2007
SAMPLE LOCATION: -
SAMPLE No.: SO-17322-121007-CB-142
SAMPLE DEPTH: 5.5 m
SAMPLED BY: Corrie Bondy

PROJECT: GM Validation,
LOCATION: Syracuse, NY
CLIENT : CRA
PROJECT NO.: 17322-04

TEST DATE: January 14, 2008
TESTED BY: NK/DO
LAB No. : WL- 892-1



PARTICLE SIZE DISTRIBUTION

DESCRIPTION	SOIL CLASSIFICATION DESCRIPTIVE MODIFIERS		SUMMARY	
SAND and SILT, with clay, trace gravel	AND	36 - 50 %	GRAVEL	3 %
	ADJECTIVE (e.g. sandy)	21 - 35 %	SAND	42 %
	WITH	11 - 20 %	SILT + CLAY	55 %
	TRACE	1 - 10 %		

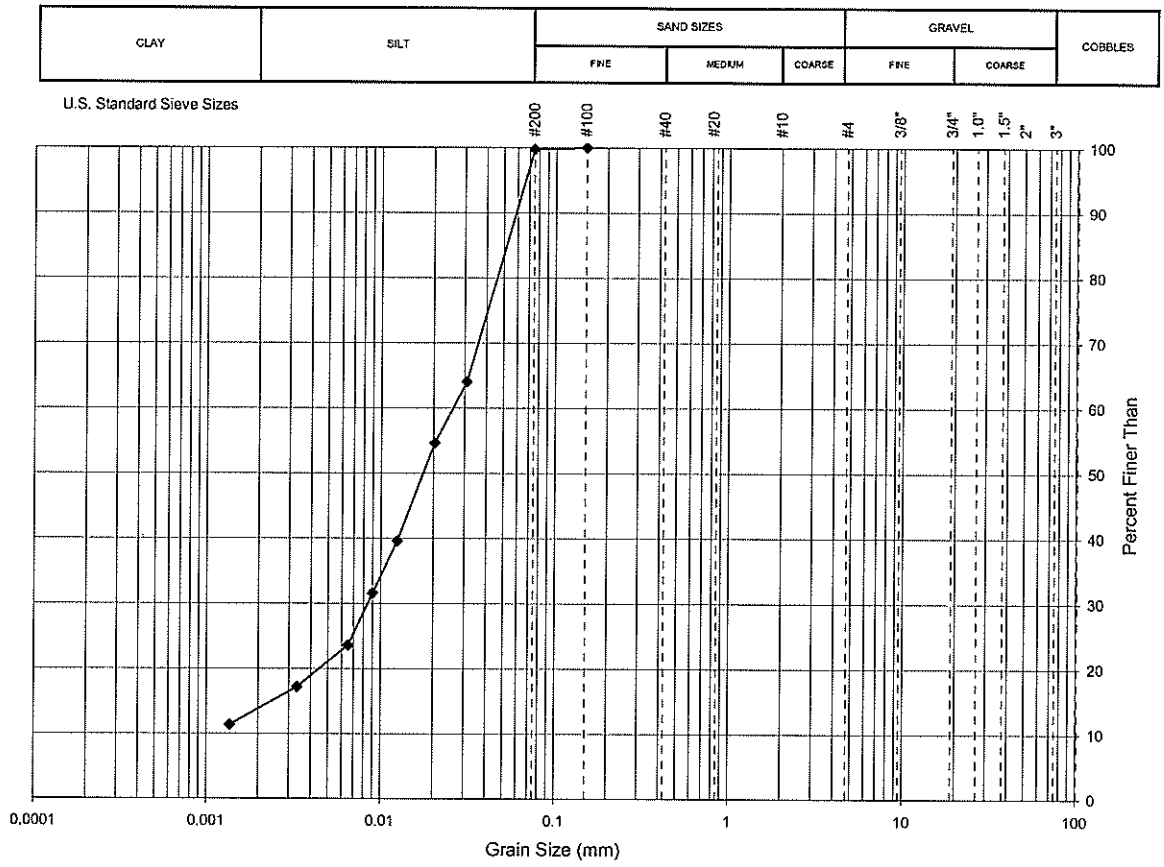
ENCLOSURE No.: 2

INSPEC•SOL

SAMPLE DATE: December 10, 2007
SAMPLE LOCATION: -
SAMPLE No.: SO-17322-121007-CB-143
SAMPLE DEPTH: 5.2 m
SAMPLED BY: Corrie Bondy

PROJECT: GM Validation,
LOCATION: Syracuse, NY
CLIENT : CRA
PROJECT NO.: 17322-04

TEST DATE: January 14, 2008
TESTED BY: NK/DO
LAB No. : WL- 892-2



PARTICLE SIZE DISTRIBUTION

DESCRIPTION	SOIL CLASSIFICATION DESCRIPTIVE MODIFIERS		SUMMARY	
SILT with clay	AND	36 - 50 %	GRAVEL	0 %
	ADJECTIVE (e.g. sandy)	21 - 35 %	SAND	0 %
	WITH	11 - 20 %	SILT + CLAY	100 %
	TRACE	1 - 10 %		

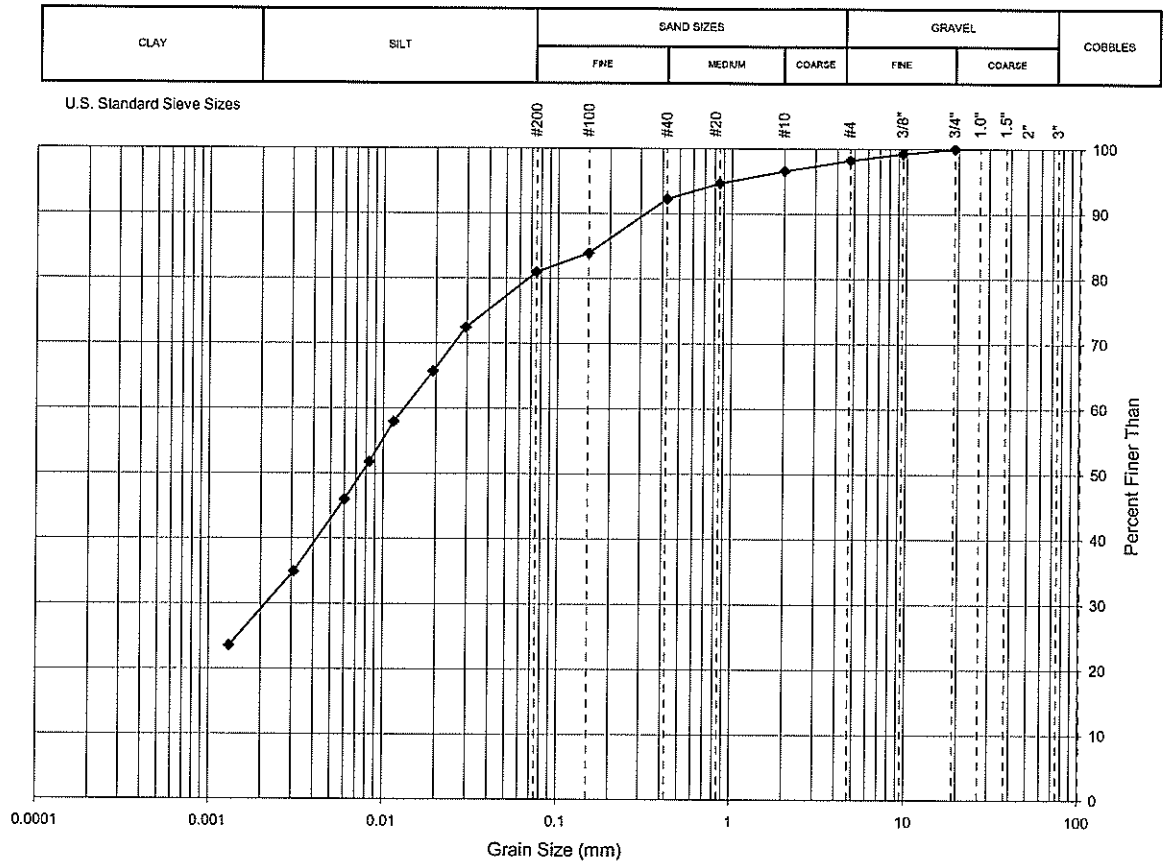
ENCLOSURE No.: 3

INSPEC·SOL

SAMPLE DATE: December 10, 2007
SAMPLE LOCATION: -
SAMPLE No.: SO-17322-121007-CB-144
SAMPLE DEPTH: 4.3 m
SAMPLED BY: Corrie Bondy

PROJECT: GM Validation,
LOCATION: Syracuse, NY
CLIENT : CRA
PROJECT NO.: 17322-04

TEST DATE: January 14, 2008
TESTED BY: NK/DO
LAB No. : WL- 892-3



PARTICLE SIZE DISTRIBUTION

DESCRIPTION	SOIL CLASSIFICATION DESCRIPTIVE MODIFIERS		SUMMARY	
Clayey SILT, with sand, trace gravel	AND	36 - 50 %	GRAVEL	2 %
	ADJECTIVE (e.g. sandy)	21 - 35 %	SAND	17 %
	WITH	11 - 20 %	SILT + CLAY	81 %
	TRACE	1 - 10 %		

APPENDIX E

DATA QUALITY ASSESSMENT AND VALIDATION MEMORANDUM

CONESTOGA-ROVERS & ASSOCIATES

14496 Sheldon Road, Suite #200
Plymouth, Michigan 48170
Telephone: (734) 453-5123 Fax: (734) 453-5201
www.CRAworld.com

MEMORANDUM

TO:	Terry Gayman	REF. NO.:	17322
FROM:	Cindy Zadorozny/ma/1/Det	DATE:	April 20, 2008
RE:	Data Quality Assessment and Validation – Full Validation Phase II Environmental Site Assessment General Motors Validation Center - Pontiac, Michigan	SSOW NO.:	17307-111021

The following details a quality assessment and validation of the analytical data resulting from the October 9 , 2007 to January 9, 2008, collection of 70 soil, 19 water and 26 quality control samples from the Centerpoint Business Campus site in Pontiac, Michigan. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica in North Canton, Ohio (TA) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999; and

ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

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ENGINEERING DESIGN

The following elements are addressed in this memorandum with qualification if necessary in the identified tables:

	Data Review Element	Qualification Table
1	Sample Quantitation	NA
2	Sample Preservation and Holding Times	Table 3
3	Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) – Organic Analyses	NA
4	Initial Calibration – Organic Analyses	Table 4
5	Continuing Calibration – Organic Analyses	Table 5
6	Inductively Coupled Plasma/Mass Spectrometer (ICP/MS) – Mass Calibration and Resolution Checks – Metal Analyses	NA
7	Initial Calibration – Inorganic Analyses	NA
8	Continuing Calibration – Inorganic Analyses	Table 6
9	Method Blank Samples	Table 7
10	Laboratory Blank Samples – Inorganic Analyses	Table 7
11	Surrogate Compounds – Organic Analyses	Table 8
12	Matrix Spike/Matrix Spike Duplicate Analyses	Table 9
13	Laboratory Control Sample Analysis/Laboratory Control Duplicate	Table 10
14	Inductively Coupled Plasma (ICP) Interference Check Sample Analysis – Inorganic Analyses	NA
15	Internal Standard Summaries – Organic Analyses	Table 11
16	Internal Standard Summaries – Inorganic Analyses	NA
17	Serial Dilution – Inorganic Analyses	Table 12
18	Target Compound Identification	NA
19	Target Compound Quantitation	NA
20	Field Quality Assurance/Quality Control	Table 13 & 14
21	System Performance	NA

Sample Quantitation

The laboratory reported detected concentrations of volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), polychlorinated biphenyls (PCB) and inorganics below the laboratory's practical quantitation limit report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J" or a "B" for organics and inorganics respectively. These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum. The laboratory "B" flags may be disregarded.

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are presented in Table 2. The samples summarized in Table 3 should be qualified due to violation of sample holding time periods. The remaining samples were prepared and/or analyzed within the specified holding time periods. The samples were shipped and maintained in accordance with the sample preservation requirements.

Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) – Organic Analyses

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each GC/MS instrument used for VOC and SVOC analyses was checked at the beginning of each 12-hour period using bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP), respectively. The resulting spectra must meet the criteria cited in the NFGs before initiating an analysis sequence.

Instrument performance check data were reviewed. These tuning compounds were analyzed at the required frequency throughout the VOC and SVOC analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

Initial Calibration – Organic Analyses

Initial calibration data are used to demonstrate that each instrument is capable of generating acceptable quantitative data. A minimum of a five point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each over a specific concentration range.

Initial calibration criteria for organic analyses are evaluated against the following criteria:

i. GC/MS (all compounds) – must meet a minimum mean relative response factor (RRF) of 0.05 ;
ii. GC/MS (all compounds) – the percent relative standard deviation (RSD) values must not exceed 30.0 percent or a minimum coefficient of determination of 0.99 if quadratic equation calibration curves are used; and
iii. GC (all compounds using an average for multi-response compounds) – the percent RSD must not exceed 20 percent or a correlation coefficient of 0.995 when linear regression calibration curves are used.

Calibration standards were analyzed at the required frequency and the results met the above criteria for linearity and sensitivity with the exception of samples presented with qualifiers in Table 4.

Continuing Calibration – Organic Analyses

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 12 hours for GC/MS analyses and every 10 samples by GC. The following criteria are employed to evaluate the continuing calibration data:

i. GC/MS (all compounds) – must meet a minimum mean RRF of 0.05 ;
ii. GC/MS (all compounds) – the percent difference between the mean initial calibration RRF and the continuing calibration RRF must not exceed 25 percent;

Continuing Calibration – Organic Analyses (continued)

iii. GC/MS (compounds determined by quadratic curve) – the percent drift between the true value and the continuing calibration value must not exceed 25 percent;

iv. GC (all compounds using average for multi-response compounds) – the percent difference between mean initial calibration factor and the continuing calibration factor must not exceed 15 percent; and

v. GC (compounds determined by linear regression) – the percent drift between the true value and the continuing calibration value must not exceed 15 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument sensitivity and linearity of response and sensitivity with the exception of samples presented with qualifiers in Table 5.

Inductively Coupled Plasma/Mass Spectrometer (ICP/MS) –
Mass Calibration and Resolution Checks – Metal Analyses

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each ICP/MS instrument used for metals analyses was checked prior to calibration before initiating an analysis sequence through the analysis of a tuning solution. The results of the tuning solution analysis were reviewed against the following criteria:

i. Analyze tuning solution a minimum of four times with a percent RSD of less than or equal to five for the analytes contained in the tuning solution; and

ii. The mass resolution must be within 0.1 amu of the true value over the analytical range

Instrument performance check data were reviewed. The tuning solution was analyzed at the required frequency throughout the analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

Initial Calibration – Inorganic Analyses

The initial calibration includes a blank and at least one standard for inductively coupled plasma (ICP) and ICP/MS to establish the analytical curve. Mercury analysis by cold vapor atomic absorption spectroscopy (CVAA) and cyanide analysis by spectrophotometry requires the analysis of a calibration blank and a minimum of five standards to establish the calibration curve. The coefficient of variation for calibration curves must exceed 0.995.

Initial calibration is verified with an initial calibration verification (ICV) standard which must recover within 90 to 110 percent for metals by ICP and ICP/MS, 80 to 120 percent for mercury by CVAA and 85 to 115 percent for cyanide by spectrophotometry.

A review of the laboratory data showed that the inorganic initial calibration curves and ICVs were analyzed at the appropriate frequency and were within the acceptance criteria.

Continuing Calibration – Inorganic Analyses

Continuing calibration verification (CCV) standards are analyzed at method specified frequency (one every 10 samples). The CCVs must meet the percent recovery control limits specified above for the ICVs. Criteria for inorganic analyses are the same criteria as used for assessing the initial calibration data.

A review of the laboratory data showed that CCVs were analyzed at the appropriate frequency and the data were within the acceptance criteria with the exception of samples presented with qualifiers in Table 6.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The samples presented in Table 7 should be qualified due to laboratory contamination. The laboratory flagged the organic concentrations with a "B" and the inorganics with a "J", both of which may be disregarded. The remaining method blank samples were reported to be free from detectable levels of target analytes, indicating no additional laboratory-attributable contamination occurred.

Laboratory Blank Samples – Inorganic Analyses

Metals analyses include the analysis of initial calibration blanks (ICB) and continuing calibration blanks (CCB) to assess the presence and the magnitude of sample contamination introduced during sample analysis. The CCBs are analyzed at a minimum frequency of one every 10 samples and target analytes should be non-detect.

Several ICB and CCBs were reported with detectable concentrations of target analytes. The samples presented in Table 7 should be qualified due to ICB and CCB contamination above the laboratory MDLs. The remaining ICB and CCBs were reported to be free from detectable levels of target analytes, indicating no additional laboratory-attributable contamination occurred.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples that could be evaluated with the exception of samples presented with qualifiers in Table 8.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 20 percent for water samples and 35 percent for soil samples. The samples selected for MS/MSD analysis are identified in Table 1.

The samples that should be qualified due to violation of MS/MSD percent recovery and/or RPD criteria are outlined in Table 9. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

Laboratory Control Sample/Laboratory Control Duplicate Analyses

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved with the exception of samples presented with qualifiers in Table 10.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall laboratory precision was achieved with the exception of samples presented with qualifiers in Table 10.

Internal Standard Summaries – Organic Analyses

To correct for variability in the GC/MS response and sensitivity, internal standard (IS) compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC and SVOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i. IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated continuing calibration standard IS area counts; and

ii. the RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the VOC and SVOC internal standard data showed that the IS area counts and retention time data were within the acceptance criteria with the exception of the samples presented with qualifiers in Table 11.

Internal Standard Summaries – Inorganic Analyses

To correct for variability in the ICP/MS response and sensitivity, internal standards (IS) are added to all samples. All results are calculated as a ratio of the IS response to the response of the sample. Overall instrument stability and performance for metals analyses was monitored using the IS intensity data which are evaluated against the following criteria:

i. The IS intensities in samples must recover between 30 and 120 percent of the true value; and
ii. The IS intensities in instrument calibration checks (CCVs and CCBs) must recover between 80 and 120 percent of the true value.

A review of the ICP/MS metals IS data showed that the IS intensities were within the acceptance criteria.

Inductively Coupled Plasma (ICP) Interference Check Sample Analysis – Inorganic Analyses

To verify that proper inter-element and background correction factors had been established by the laboratory for metals analyses, the ICP interference check samples (ICS) are analyzed. The ICSs are evaluated against recovery control limits of 80 to 120 percent.

The ICS analysis results were evaluated for all samples and were within the control limits.

Serial Dilution – Inorganic Analyses

The percent difference (D) between a serial dilution of a sample for each matrix was monitored to determine physical or chemical interference. A minimum of one sample per 20 investigative samples is analyzed at a five-fold dilution. The serial dilution results must agree within 10 percent D of the original results for samples with detected concentrations greater than 50 times the instrument detection limit.

The percent D acceptance criteria were met with the exception of the qualified samples presented Table 12. The laboratory flagged these concentrations with an "E" flag, which may be disregarded.

Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The samples presented in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

Target Compound Quantitation

The reported quantitation results and detection limits were checked to ensure results reported were accurate. The samples presented in Table 1 were reviewed. No discrepancies were found between the raw data and the sample results reported by the laboratory.

Field Quality Assurance/Quality Control

The field quality assurance/quality control consisted of nine (9) field duplicate sample sets and 17 trip blank samples.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. 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 RL, the evaluation criteria is one or two times the RL value for water and soil samples, respectively.

Table 13 presents the RPDs of detected analytes in duplicate sample sets with qualifiers. The remainder of the data indicates that an adequate level of precision was achieved for the sampling event.

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

The samples that should be qualified due to trip blank contamination are summarized in Table 14. No additional target analytes were reported as detected in the remaining trip blank samples.

System Performance

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. The samples presented in Table 1 were reviewed. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted with the exception of the following:

- VOC and SVOC data were rejected in a number of samples due to violation of holding time criteria,
- VOC data were rejected in a number of samples due to violation of initial calibration criteria,
- VOC data were rejected in a number of samples due to violation of continuing calibration criteria,
- SVOC data was rejected in a sample due to violation of surrogate recovery criteria,
- SVOC data were rejected in a few samples due violation of MS/MSD %R and RPD criteria, and
- VOC and SVOC data were rejected in a number of samples due to violation of LCS/LCD %R and RPD criteria.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

					Analysis/Parameters										
Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*TCL VOC*	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-1	**TA-NC Lot No. A7J100111**		**TA-NC SDG No. 7J10111**												
SO-17322-100907-CB-001	BH-50-07	soil	MS/MSD (Metals)	10/9/2007	X	X	X	X				X		X	X
SO-17322-100907-CB-004	BH-49-07	soil		10/9/2007	X	X	X	X				X		X	X
SO-17322-100907-CB-007	BH-48-07	soil		10/9/2007	X	X	X	X				X		X	X
SO-17322-100907-CB-011	BH-47-07	soil		10/9/2007	X	X	X	X				X		X	X
SO-17322-100907-CB-013	BH-46-07	soil		10/9/2007	X	X	X	X				X		X	X
SO-17322-100907-CB-014	BH-46-07	soil	Dup (013) MS/MSD (CN)	10/9/2007	X	X	X	X				X		X	X
TB-17322-100907-CB-002	Trip Blank	water	Trip Blank	10/9/2007	X										
CRA SDG No. 21-3 [1]	**TA-NC Lot No. A7J110203**		**TA-NC SDG No. 7J10111**												
SO-17322-101007-CB-015	TP-4	soil	MS/MSD (Metals)	10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-016	TP-4	soil		10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-017	TP-1	soil		10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-018	TP-1	soil		10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-019	TP-1	soil		10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-020	TP-1	soil		10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-021	TP-2	soil	MS/MSD (SVOC)	10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-022	TP-2	soil	MS/MSD (SVOC)	10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-023	TP-3	soil		10/10/2007	X	X	X	X				X		X	X
SO-17322-101007-CB-024	TP-3	soil		10/10/2007	X	X	X	X				X		X	X
TB-17322-101007-CB-001	Trip Blank	water	Trip Blank	10/10/2007	X										
WS-17322-101007-CB-001	Crystal Lake	water		10/10/2007				X					X		
WS-17322-101007-CB-002	Crystal Lake	water		10/10/2007				X					X		

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*Analysis/Parameters*										
					TCL VOC	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-4	**TA-NC Lot No. A7J120137**		**TA-NC SDG No. 7J10111**												
SO-17322-101107-CB-025	BH-8-07	soil		10/11/2007	X	X	X	X				X		X	X
SO-17322-101107-CB-028	BH-4-07	soil	MS/MSD	10/11/2007	X	X	X	X				X		X	X
SO-17322-101107-CB-030	BH-9-07	soil		10/11/2007	X	X	X	X				X		X	X
SO-17322-101107-CB-031	BH-9-07	soil	Dup (030)	10/11/2007	X	X	X	X				X		X	X
TB-17322-101107-CB-002	Trip Blank	water	Trip Blank	10/11/2007	X										
CRA SDG No. 21-6	**TA-NC Lot No. A7J130121**		**TA-NC SDG No. 7J10111**												
SO-17322-101207-CB-033	BH-7-07	soil		10/12/2007	X	X	X	X				X		X	X
SO-17322-101207-CB-036	BH-6-06	soil	MS/MSD (CN)	10/12/2007	X	X	X	X				X		X	X
SO-17322-101207-CB-037	BH-6-06	soil	Dup (036)	10/12/2007	X	X	X	X				X		X	X
SO-17322-101207-CB-040	BH-3-07	soil		10/12/2007	X	X	X	X				X		X	X
SO-17322-101207-CB-042	BH-2-07	soil		10/12/2007	X	X	X	X				X		X	X
TB-17322-101207-CB-002	Trip Blank	water	Trip Blank	10/12/2007	X										
CRA SDG No. 21-8 [1]	**TA-NC Lot No. A7J160150**		**TA-NC SDG No. 7J16150**												
SO-17322-101507-CB-045	BH-5-07	soil	MS/MSD (Metals)	10/15/2007	X	X	X	X				X		X	X
SO-17322-101507-CB-048	MW-10-07	soil		10/15/2007	X	X	X	X				X		X	X
TB-17322-101507-CB-002	Trip Blank	water	Trip Blank	10/15/2007	X										

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

					Analysis/Parameters										
Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*TCL VOC*	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-11	**TA-NC Lot No. A7J170210**		**TA-NC SDG No. 7J16150**												
SO-17322-101607-CB-051	BH-14-07	soil		10/16/2007	X	X	X	X				X		X	X
SO-17322-101607-CB-053	BH-15-07	soil	MS/MSD	10/16/2007	X	X	X	X				X		X	X
SO-17322-101607-CB-056	BH-11-07	soil		10/16/2007	X	X	X	X				X		X	X
SO-17322-101607-CB-058	BH-12-07	soil		10/16/2007	X	X	X	X				X		X	X
SO-17322-101607-CB-061	BH-17A	soil		10/16/2007	X	X	X	X				X		X	X
SO-17322-101607-CB-064	BH-18-07	soil		10/16/2007	X	X	X	X				X		X	X
TB-17322-101607-CB-002	Trip Blank	water	Trip Blank	10/16/2007	X										
CRA SDG No. 21-13	**TA-NC Lot No. A7J180159**		**TA-NC SDG No. 7J16150**												
SO-17322-101707-CB-067	MW-19-07	soil	MS/MSD (Metals, PCB)	10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-069	MW-20-07	soil		10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-070	MW-20-07	soil	Dup (069)	10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-072	BH-23-07	soil		10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-073	BH-24-07	soil		10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-077	MW-28-07	soil		10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-080	BH-29-07	soil		10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-082	BH-30-07	soil		10/17/2007	X	X	X	X				X		X	X
SO-17322-101707-CB-083	MW-16-07	soil		10/17/2007	X	X	X	X				X		X	X
TB-17322-101707-CB-002	Trip Blank	water	Trip Blank	10/17/2007	X										
CRA SDG No. 21-15	**TA-NC Lot No. A7J190177**		**TA-NC SDG No. 7J16150**												
SO-17322-101807-CB-085	BH-13-07	soil	MS/MSD (Metals)	10/18/2007	X	X	X	X				X		X	X
SO-17322-101807-CB-086	BH-13-07	soil	Dup (086)	10/18/2007	X	X	X	X				X		X	X
SO-17322-101807-CB-088	BH-57-07	soil		10/18/2007	X	X	X	X				X		X	X
SO-17322-101807-CB-089	BH-25-07	soil	MS/MSD (CN)	10/18/2007	X	X	X	X				X		X	X
TB-17322-101807-CB-002	Trip Blank	water	Trip Blank	10/18/2007	X										

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

					Analysis/Parameters										
Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*TCL VOC*	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-19	**TA-NC Lot No. A7J190259**														
SO-17322-100907-CB-009	BH-47-07	soil		10/9/2007				X							
SO-17322-100907-CB-010	BH-47-07	soil		10/9/2007				X							
CRA SDG No. 21-16	**TA-NC Lot No. A7J240220**														
SO-17322-101207-CB-043	BH-2-07	soil	MS/MSD	10/12/2007				X							
SO-17322-101207-CB-044	BH-2-07	soil		10/12/2007				X							
CRA SDG No. 21-17	**TA-NC Lot No. A7J290168**														
SO-17322-101707-CB-077	MW-28-07	soil		10/17/2007				X							
SO-17322-101707-CB-078	MW-28-07	soil		10/17/2007				X							
CRA SDG No. 21-18	**TA-NC Lot No. A7J290177**														
SO-17322-101807-CB-087	BH-13-07	soil		10/18/2007				X							
CRA SDG No. 21-20	**TA-NC Lot No. A7K280195**		**TA-NC SDG No. 7K28195**												
GW-17322-112707-CB-001	MW-17-07	water		11/27/2007	X	X	X	X			X			X	X
GW-17322-112707-CB-002	MW-11-07	water		11/27/2007	X	X	X	X			X			X	X
GW-17322-112707-CB-003	MW-19-07	water		11/27/2007	X	X	X	X			X			X	X
GW-17322-112707-CB-004	MW-10-07	water		11/27/2007	X	X	X	X			X			X	X
GW-17322-112707-CB-005	MW-15-07	water		11/27/2007	X	X	X	X			X			X	X
GW-17322-112707-CB-006	MW-15-07	water	Dup (005)	11/27/2007	X	X	X	X			X			X	X
TB-17322-112707-CB-001	Trip Blank	water	Trip Blank	11/27/2007	X										

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

					Analysis/Parameters										
Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*TCL VOC*	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-21	**TA-NC Lot No. A7K290147**		**TA-NC SDG No. 7K28195**												
GW-17322-112807-CB-007	MW-7-07	water		11/28/2007	X	X	X	X			X			X	X
GW-17322-112807-CB-008	MW-2-07	water		11/28/2007	X	X	X	X			X			X	X
GW-17322-112807-CB-009	MW-4-07	water		11/28/2007	X	X	X	X			X			X	X
TB-17322-112807-CB-001	Trip Blank	water	Trip Blank	11/28/2007	X										
CRA SDG No.21-22, 21-24	**TA-NC Lot No. A7L040208**														
SO-17322-120307-CB-094	BH-33-07	soil	MS/MSD (Metals, PCB)	12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-095	BH-33-07	soil	MS/MSD (Metals, SVOC)	12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-098	BH-36-07	soil	MS/MSD (SVOC)	12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-099	BH-36-07	soil		12/3/2007	X	X	X	X				X		X	X
CRA SDG No. 21-23 [1]	**TA-NC Lot No. A7L040225**		**TA-NC SDG No. 7L04225**												
SO-17322-120307-CB-091	BH-21-07	soil	MS/MSD (Metals)	12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-096	BH-33-07	soil		12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-097	BH-36-07	soil		12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-100	BH-35-07	soil		12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-102	BH-37-07	soil		12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-105	BH-26-07	soil		12/3/2007	X	X	X	X				X		X	X
SO-17322-120307-CB-106	BH-26-07	soil	Dup (105)	12/3/2007	X	X	X	X				X		X	X
TB-17322-120307-CB-001	Trip Blank	water	Trip Blank	12/3/2007	X										
CRA SDG No. 21-26	**TA-NC Lot No. A7L050288**		**TA-NC SDG No. 7L04225**												
SO-17322-120407-CB-108	BH-34-07	soil		12/4/2007	X	X	X	X				X		X	X
SO-17322-120407-CB-111	BH-38-07	soil	MS/MSD	12/4/2007	X	X	X	X				X		X	X
SO-17322-120407-CB-114	BH-39-07	soil		12/4/2007	X	X	X	X				X		X	X
TB-17322-120407-CB-001	Trip Blank	water	Trip Blank	12/4/2007	X										

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

					Analysis/Parameters										
Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*TCL VOC*	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-27	**TA-NC Lot No. A7L060269**		**TA-NC SDG No. 7L04225**												
SO-17322-120507-CB-117	BH-40-07	soil	MS/MSD (Metals)	12/5/2007	X	X	X	X				X		X	X
SO-17322-120507-CB-120	BH-41-07	soil		12/5/2007	X	X	X	X				X		X	X
SO-17322-120507-CB-123	BH-42-07	soil		12/5/2007	X	X	X	X				X		X	X
SO-17322-120507-CB-124	BH-42-07	soil	Dup (123)	12/5/2007	X	X	X	X				X		X	X
TB-17322-120507-CB-001	Trip Blank	water	Trip Blank	12/5/2007	X										
CRA SDG No. 21-29	**TA-NC Lot No. A7L070218**		**TA-NC SDG No. 7L04225**												
SO-17322-120607-CB-126	BH-43-07	soil	MS/MSD (Metals, SVOC)	12/6/2007	X	X	X	X				X		X	X
SO-17322-120607-CB-128	BH-44-07	soil		12/6/2007	X	X	X	X				X		X	X
TB-17322-120607-CB-001	Trip Blank	water		12/6/2007	X										
CRA SDG No. 21-31	**TA-NC Lot No. A7L080195**		**TA-NC SDG No. 7L04225**												
SO-17322-120707-CB-131	BH-22-07	soil		12/7/2007	X	X	X	X				X		X	X
SO-17322-120707-CB-134	BH-27-07	soil	MS/MSD (PCB)	12/7/2007	X	X	X	X				X		X	X
SO-17322-120707-CB-139	BH-32-07	soil		12/7/2007	X	X	X	X				X		X	X
SO-17322-120707-CB-141	BH-1-07	soil	MS/MSD (SVOC)	12/7/2007	X	X	X	X				X		X	X
TB-17322-120707-CB-001	Trip Blank	water		12/7/2007	X										
CRA SDG No. 21-33	**TA-NC Lot No. A7L180160**														
SO-17322-120607-CB-128	BH-44-07	soil		12/6/2007						X					
CRA SDG No. 21-34	**TA-NC Lot No. A7L190273**														
SO-17322-121807-CB-001	Waste	soil		12/18/2007					X						

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Sample Identification	*Location*	*Matrix*	*QC Samples*	*Collection Date (mm/dd/yyyy)*	*Analysis/Parameters*										
					TCL VOC	*TCL SVOC*	*PCB*	*Metals*	*TCLP Metals*	*Pb - Total, Fine, Coarse*	*Cyanide - Amenable*	*Cyanide - Total*	*Hardness*	*Hexavalent Chromium*	*Trivalent Chromium*
CRA SDG No. 21-35	**TA-NC Lot No. A8A090183**		**TA-NC SDG No. 8A09183**												
GW-17322-010808-CB-010	MW-37-07	water	MS/MSD	1/8/2008	X	X	X	X			X			X	X
GW-17322-010808-CB-011	MW-33-07	water		1/8/2008	X										
GW-17322-010808-CB-012	MW-35-07	water		1/8/2008	X										
GW-17322-010808-CB-013	MW-34-07	water		1/8/2008	X	X	X	X			X			X	X
GW-17322-010808-CB-014	MW-40-07	water		1/8/2008	X	X	X	X			X			X	X
GW-17322-010808-CB-015	MW-40-07	water	Dup (014)	1/8/2008	X	X	X	X			X			X	X
TB-17322-010808-CB-001	Trip Blank	water	Trip Blank	1/8/2008	X										
CRA SDG No. 21-36	**TA-NC Lot No. A8A100126**		**TA-NC SDG No. 8A09183**												
GW-17322-010808-CB-011	MW-33-07	water		1/8/2008			X								
GW-17322-010808-CB-012	MW-35-07	water		1/8/2008		X	X								
GW-17322-010908-CB-011	MW-33-07	water		1/9/2008		X		X			X			X	X
GW-17322-010908-CB-012	MW-35-07	water		1/9/2008		X	X	X			X			X	X
GW-17322-010908-CB-016	MW-32-07	water	MS/MSD (HCr)	1/9/2008	X	X	X	X			X			X	X
GW-17322-010908-CB-017	MW-38-07	water		1/9/2008	X			X							
TB-17322-010908-CB-001	Trip Blank	water	Trip Blank	1/9/2008	X										

Notes:

QC	- Quality Control
TCL	- Target Compound List
VOC	- Volatile Organic Compounds
SVOC	- Semivolatile Organic Compounds
PCB	- Polychlorinated Biphenyls
Pb	- Lead
DUP	- Field Duplicate Sample
MS/MSD	- Matrix Spike/Matrix Spike Duplicate
(1)	- Additional review per Tier 3 requirements

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation* [2]
TCL VOC	SW-846 8260B [1]	Water	- 14 days from sample collection to completion of analysis.	pH < 2 and Iced, 4 ± 2° C
	SW-846 8260B	Soil	- 48 hours from sample collection to preservation - 14 days from sample preservation to completion of analysis	Iced, 4 ± 2° C
TCL SVOC	SW-846 8270C	Water	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
	SW-846 8270C	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
PCB	SW-846 8082	Water	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
	SW-846 8082	Soil	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
Metals		Water/Soil	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
Aluminum	SW-846 6010B/6020			
Antimony	SW-8466020			
Arsenic	SW-846 6010B/6020			
Barium	SW-846 6010B			
Beryllium	SW-846 6010B			
Cadmium	SW-846 6010B			
Calcium	SW-846 6010B			
Chromium	SW-846 6010B			
Cobalt	SW-846 6010B			
Copper	SW-846 6010B/6020			
Iron	SW-846 6010B			
Lead	SW-846 6010B			
Lead - Total	SW-846 6010B			
Lead - Fine	SW-846 6010B			
Lead - Coarse	SW-846 6010B			
Magnesium	SW-846 6010B			
Manganese	SW-846 6010B			
Nickel	SW-846 6010B			
Potassium	SW-846 6010B			
Selenium	SW-846 6010B/6020			

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation* [2]
Metals (Continued)		Water/Soil	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
Silver	SW-846 6010B/6020			
Sodium	SW-846 6010B			
Thallium	SW-846 6020			
Vanadium	SW-846 6010B			
Zinc	SW-846 6010B/6020			
Mercury	SW-846 7470A/7471A	Water	- 28 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
General Chemistry				
Cyanide (Amenable)	SW-846 9012	Water	- 24 hours from sample collection to completion of analysis.	Iced, 4 ± 2° C
Cyanide (Total)	SW-846 9012	Soil	- 30 days from sample collection to extraction - 24 hours from extraction to completion of analysis	Iced, 4 ± 2° C
Hardness	SM 2340	Water	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C ($HN0_3$)
Hexavalent Chromium	SW-846 7196	Water	- 24 hours from sample collection to completion of analysis.	Iced, 4 ± 2° C
Hexavalent Chromium	SW-846 7196	Soil	- 30 days from sample collection to extraction - 24 hours from extraction to completion of analysis	Iced, 4 ± 2° C
Trivalent Chromium	SW-846 7196	Water	- 24 hours from sample collection to completion of analysis.	Iced, 4 ± 2° C
Trivalent Chromium	SW-846 7196	Soil	- 30 days from sample collection to extraction - 24 hours from extraction to completion of analysis	Iced, 4 ± 2° C

[1] SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986
[1] SM - "Standards Methods for the Examination of Water and Wastewater," APHA, 19th Edition, 1995
[2] pH preservativation is not required in soil samples.

TABLE 3

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL VOC	SO-17322-120307-CB-094	30 days	14 days	1,1,1-Trichloroethane	4.9 R	µg/kg
				1,1,2,2-Tetrachloroethane	4.9 R	µg/kg
				1,1,2-Trichloroethane	4.9 R	µg/kg
				1,1-Dichloroethane	4.9 R	µg/kg
				1,1-Dichloroethene	4.9 R	µg/kg
				1,2,4-Trichlorobenzene	4.9 R	µg/kg
				1,2,4-Trimethylbenzene	4.2 J	µg/kg
				1,2-Dibromo-3-chloropropane (DBCP)	9.8 R	µg/kg
				1,2-Dibromoethane (Ethylene Dibromide)	4.9 R	µg/kg
				1,2-Dichlorobenzene	4.9 R	µg/kg
				1,2-Dichloroethane	4.9 R	µg/kg
				1,2-Dichloropropane	4.9 R	µg/kg
				1,3,5-Trimethylbenzene	4.9 UJ	µg/kg
				1,3-Dichlorobenzene	4.9 R	µg/kg
				1,4-Dichlorobenzene	4.9 R	µg/kg
				2-Butanone (Methyl Ethyl Ketone)	20 R	µg/kg
				2-Hexanone	20 R	µg/kg
				4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	20 R	µg/kg
				Acetone	55 J	µg/kg
				Benzene	0.62 J	µg/kg
				Bromodichloromethane	4.9 R	µg/kg
				Bromoform	4.9 R	µg/kg
				Bromomethane (Methyl Bromide)	4.9 R	µg/kg
				Carbon disulfide	4.9 R	µg/kg
				Carbon tetrachloride	4.9 R	µg/kg
				Chlorobenzene	4.9 R	µg/kg
				Chloroethane	4.9 R	µg/kg
				Chloroform (Trichloromethane)	4.9 R	µg/kg
				Chloromethane (Methyl Chloride)	4.9 R	µg/kg
				cis-1,2-Dichloroethene	4.9 R	µg/kg
				cis-1,3-Dichloropropene	4.9 R	µg/kg
				Cyclohexane	1.1 J	µg/kg
				Dibromochloromethane	4.9 R	µg/kg
				Dichlorodifluoromethane (CFC-12)	4.9 R	µg/kg
				Ethylbenzene	3.2 J	µg/kg
				Isopropylbenzene	0.91 J	µg/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL VOC	SO-17322-120307-CB-094 (Continued)	30 days	14 days	Methyl acetate	9.8 R	µg/kg
				Methyl cyclohexane	1.7 J	µg/kg
				Methyl Tert Butyl Ether	20 R	µg/kg
				Methylene chloride	4.9 R	µg/kg
				Styrene	4.9 R	µg/kg
				Tetrachloroethene	4.9 R	µg/kg
				Toluene	2.6 J	µg/kg
				trans-1,2-Dichloroethene	4.9 R	µg/kg
				trans-1,3-Dichloropropene	4.9 R	µg/kg
				Trichloroethene	1.1 J	µg/kg
				Trichlorofluoromethane (CFC-11)	4.9 R	µg/kg
				Trifluorotrichloroethane (Freon 113)	4.9 R	µg/kg
				Vinyl chloride	4.9 R	µg/kg
				Xylene (total)	19 J	µg/kg
TCL VOC	SO-17322-120307-CB-098	30 days	14 days	1,1,1-Trichloroethane	4.0 R	µg/kg
				1,1,2,2-Tetrachloroethane	4.0 R	µg/kg
				1,1,2-Trichloroethane	4.0 R	µg/kg
				1,1-Dichloroethane	4.0 R	µg/kg
				1,1-Dichloroethene	4.0 R	µg/kg
				1,2,4-Trichlorobenzene	4.0 R	µg/kg
				1,2,4-Trimethylbenzene	4.0 R	µg/kg
				1,2-Dibromo-3-chloropropane (DBCP)	8.1 R	µg/kg
				1,2-Dibromoethane (Ethylene Dibromide)	4.0 R	µg/kg
				1,2-Dichlorobenzene	4.0 R	µg/kg
				1,2-Dichloroethane	4.0 R	µg/kg
				1,2-Dichloropropane	4.0 R	µg/kg
				1,3,5-Trimethylbenzene	4.0 R	µg/kg
				1,3-Dichlorobenzene	4.0 R	µg/kg
				1,4-Dichlorobenzene	4.0 R	µg/kg
				2-Butanone (Methyl Ethyl Ketone)	16 R	µg/kg
				2-Hexanone	16 R	µg/kg
				4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	16 R	µg/kg
				Acetone	16 R	µg/kg
				Benzene	4.0 R	µg/kg
				Bromodichloromethane	4.0 R	µg/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL VOC	SO-17322-120307-CB-098 (Continued)	30 days	14 days	Bromoform	4.0 R	µg/kg
				Bromomethane (Methyl Bromide)	4.0 R	µg/kg
				Carbon disulfide	4.0 R	µg/kg
				Carbon tetrachloride	4.0 R	µg/kg
				Chlorobenzene	4.0 R	µg/kg
				Chloroethane	4.0 R	µg/kg
				Chloroform (Trichloromethane)	4.0 R	µg/kg
				Chloromethane (Methyl Chloride)	4.0 R	µg/kg
				cis-1,2-Dichloroethene	4.0 R	µg/kg
				cis-1,3-Dichloropropene	4.0 R	µg/kg
				Cyclohexane	8.1 R	µg/kg
				Dibromochloromethane	4.0 R	µg/kg
				Dichlorodifluoromethane (CFC-12)	4.0 R	µg/kg
				Ethylbenzene	4.0 R	µg/kg
				Isopropylbenzene	4.0 R	µg/kg
				Methyl acetate	8.1 R	µg/kg
				Methyl cyclohexane	8.1 R	µg/kg
				Methyl Tert Butyl Ether	16 R	µg/kg
				Methylene chloride	4.0 R	µg/kg
				Styrene	4.0 R	µg/kg
				Tetrachloroethene	4.0 R	µg/kg
				Toluene	4.0 R	µg/kg
				trans-1,2-Dichloroethene	4.0 R	µg/kg
				trans-1,3-Dichloropropene	4.0 R	µg/kg
				Trichloroethene	4.0 R	µg/kg
				Trichlorofluoromethane (CFC-11)	4.0 R	µg/kg
				Trifluorotrichloroethane (Freon 113)	4.0 R	µg/kg
				Vinyl chloride	4.0 R	µg/kg
				Xylene (total)	8.1 R	µg/kg
TCL VOC	SO-17322-120307-CB-099	30 days	14 days	1,1,1-Trichloroethane	4.0 R	µg/kg
				1,1,2,2-Tetrachloroethane	4.0 R	µg/kg
				1,1,2-Trichloroethane	4.0 R	µg/kg
				1,1-Dichloroethane	4.0 R	µg/kg
				1,1-Dichloroethene	4.0 R	µg/kg
				1,2,4-Trichlorobenzene	4.0 R	µg/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL VOC	SO-17322-120307-CB-099 (Continued)	30 days	14 days	1,2,4-Trimethylbenzene	4.0 R	µg/kg
				1,2-Dibromo-3-chloropropane (DBCP)	8.1 R	µg/kg
				1,2-Dibromoethane (Ethylene Dibromide)	4.0 R	µg/kg
				1,2-Dichlorobenzene	4.0 R	µg/kg
				1,2-Dichloroethane	4.0 R	µg/kg
				1,2-Dichloropropane	4.0 R	µg/kg
				1,3,5-Trimethylbenzene	4.0 R	µg/kg
				1,3-Dichlorobenzene	4.0 R	µg/kg
				1,4-Dichlorobenzene	4.0 R	µg/kg
				2-Butanone (Methyl Ethyl Ketone)	16 R	µg/kg
				2-Hexanone	16 R	µg/kg
				4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	16 R	µg/kg
				Acetone	16 R	µg/kg
				Benzene	4.0 R	µg/kg
				Bromodichloromethane	4.0 R	µg/kg
				Bromoform	4.0 R	µg/kg
				Bromomethane (Methyl Bromide)	4.0 R	µg/kg
				Carbon disulfide	4.0 R	µg/kg
				Carbon tetrachloride	4.0 R	µg/kg
				Chlorobenzene	4.0 R	µg/kg
				Chloroethane	4.0 R	µg/kg
				Chloroform (Trichloromethane)	4.0 R	µg/kg
				Chloromethane (Methyl Chloride)	4.0 R	µg/kg
				cis-1,2-Dichloroethene	4.0 R	µg/kg
				cis-1,3-Dichloropropene	4.0 R	µg/kg
				Cyclohexane	8.1 R	µg/kg
				Dibromochloromethane	4.0 R	µg/kg
				Dichlorodifluoromethane (CFC-12)	4.0 R	µg/kg
				Ethylbenzene	4.0 R	µg/kg
				Isopropylbenzene	4.0 R	µg/kg
				Methyl acetate	8.1 R	µg/kg
				Methyl cyclohexane	8.1 R	µg/kg
				Methyl Tert Butyl Ether	16 R	µg/kg
				Methylene chloride	4.0 R	µg/kg
				Styrene	4.0 R	µg/kg
				Tetrachloroethene	4.0 R	µg/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL VOC	SO-17322-120307-CB-099 (Continued)	30 days	14 days	Toluene	4.0 R	µg/kg
				trans-1,2-Dichloroethene	4.0 R	µg/kg
				trans-1,3-Dichloropropene	4.0 R	µg/kg
				Trichloroethene	4.0 R	µg/kg
				Trichlorofluoromethane (CFC-11)	4.0 R	µg/kg
				Trifluorotrichloroethane (Freon 113)	4.0 R	µg/kg
				Vinyl chloride	4.0 R	µg/kg
				Xylene (total)	8.1 R	µg/kg
TCL SVOC	SO-17322-120307-CB-094	15 days	14 days	4-Nitroaniline	450 UJ	µg/kg
				4-Nitrophenol	740 R	µg/kg
				Benzaldehyde	220 UJ	µg/kg
				4-Bromophenyl phenyl ether	110 UJ	µg/kg
				Caprolactam	740 UJ	µg/kg
				2,4-Dimethylphenol	330 R	µg/kg
				4-Methylphenol	450 R	µg/kg
				4-Chloroaniline	330 UJ	µg/kg
				2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl)	220 UJ	µg/kg
				Phenol	110 R	µg/kg
				Pyridine	220 UJ	µg/kg
				bis(2-Chloroethyl)ether	220 UJ	µg/kg
				bis(2-Chloroethoxy)methane	220 UJ	µg/kg
				bis(2-Ethylhexyl)phthalate	61 J	µg/kg
				Di-n-octyl phthalate	110 UJ	µg/kg
				Hexachlorobenzene	15 UJ	µg/kg
				2,4-Dichlorophenol	330 R	µg/kg
				2,4-Dinitrotoluene	450 UJ	µg/kg
				Dimethyl phthalate	110 UJ	µg/kg
				Dibenzofuran	82 J	µg/kg
				Atrazine	450 UJ	µg/kg
				2,4-Dinitrophenol	740 R	µg/kg
				4,6-Dinitro-2-methylphenol	330 R	µg/kg
				4-Chloro-3-methylphenol	330 R	µg/kg
				2,6-Dinitrotoluene	450 UJ	µg/kg
				N-Nitrosodi-n-propylamine	110 UJ	µg/kg
				Hexachloroethane	110 UJ	µg/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL SVOC	SO-17322-120307-CB-094 (Continued)	15 days	14 days	4-Chlorophenyl phenyl ether	110 UJ	µg/kg
				Hexachlorocyclopentadiene	740 UJ	µg/kg
				Isophorone	110 UJ	µg/kg
				Diethyl phthalate	110 UJ	µg/kg
				Di-n-butylphthalate	110 UJ	µg/kg
				Butyl benzylphthalate	110 UJ	µg/kg
				N-Nitrosodiphenylamine	110 UJ	µg/kg
				Carbazole	93 J	µg/kg
				Hexachlorobutadiene	110 UJ	µg/kg
				Pentachlorophenol	330 R	µg/kg
				2,4,6-Trichlorophenol	330 R	µg/kg
				2-Nitroaniline	450 UJ	µg/kg
				2-Nitrophenol	110 R	µg/kg
				2-Chloronaphthalene	110 UJ	µg/kg
				3,3'-Dichlorobenzidine	220 UJ	µg/kg
				Biphenyl	110 UJ	µg/kg
				2-Methylphenol	450 R	µg/kg
				2-Chlorophenol	110 R	µg/kg
				2,4,5-Trichlorophenol	330 R	µg/kg
				Acetophenone	220 UJ	µg/kg
				Nitrobenzene	220 UJ	µg/kg
				3-Nitroaniline	450 UJ	µg/kg
TCL SVOC	SO-17322-120307-CB-098	15 days	14 days	4-Nitroaniline	230 UJ	µg/kg
				4-Nitrophenol	370 UJ	µg/kg
				Benzaldehyde	110 UJ	µg/kg
				4-Bromophenyl phenyl ether	57 UJ	µg/kg
				Caprolactam	370 UJ	µg/kg
				2,4-Dimethylphenol	170 UJ	µg/kg
				4-Methylphenol	230 UJ	µg/kg
				4-Chloroaniline	170 UJ	µg/kg
				2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl)	110 UJ	µg/kg
				Phenol	57 UJ	µg/kg
				Pyridine	110 UJ	µg/kg
				bis(2-Chloroethyl)ether	110 UJ	µg/kg
				bis(2-Chloroethoxy)methane	110 UJ	µg/kg

TABLE 3

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL SVOC	SO-17322-120307-CB-098 (Continued)	15 days	14 days	bis(2-Ethylhexyl)phthalate	57 UJ	µg/kg
				Di-n-octyl phthalate	57 UJ	µg/kg
				Hexachlorobenzene	7.6 UJ	µg/kg
				Anthracene	7.6 UJ	µg/kg
				2,4-Dichlorophenol	170 UJ	µg/kg
				2,4-Dinitrotoluene	230 UJ	µg/kg
				Pyrene	7.6 UJ	µg/kg
				Dimethyl phthalate	57 UJ	µg/kg
				Dibenzofuran	57 UJ	µg/kg
				Benzo(g,h,i)perylene	7.6 UJ	µg/kg
				Atrazine	230 UJ	µg/kg
				Indeno(1,2,3-cd)pyrene	7.6 UJ	µg/kg
				Benzo(b)fluoranthene	7.6 UJ	µg/kg
				Fluoranthene	7.6 UJ	µg/kg
				Benzo(k)fluoranthene	7.6 UJ	µg/kg
				Acenaphthylene	7.6 UJ	µg/kg
				Chrysene	7.6 UJ	µg/kg
				Benzo(a)pyrene	7.6 UJ	µg/kg
				2,4-Dinitrophenol	370 UJ	µg/kg
				Dibenz(a,h)anthracene	7.6 UJ	µg/kg
				4,6-Dinitro-2-methylphenol	170 UJ	µg/kg
				Benzo(a)anthracene	7.6 UJ	µg/kg
				4-Chloro-3-methylphenol	170 UJ	µg/kg
				2,6-Dinitrotoluene	230 UJ	µg/kg
				N-Nitrosodi-n-propylamine	57 UJ	µg/kg
				Hexachloroethane	57 UJ	µg/kg
				4-Chlorophenyl phenyl ether	57 UJ	µg/kg
				Hexachlorocyclopentadiene	370 UJ	µg/kg
				Isophorone	57 UJ	µg/kg
				Acenaphthene	7.6 UJ	µg/kg
				Diethyl phthalate	57 UJ	µg/kg
				Di-n-butylphthalate	57 UJ	µg/kg
				Phenanthrene	7.6 UJ	µg/kg
				Butyl benzylphthalate	57 UJ	µg/kg
				N-Nitrosodiphenylamine	57 UJ	µg/kg
				Fluorene	7.6 UJ	µg/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL SVOC	SO-17322-120307-CB-098 (Continued)	15 days	14 days	Carbazole	57 UJ	µg/kg
				Hexachlorobutadiene	57 UJ	µg/kg
				Pentachlorophenol	170 UJ	µg/kg
				2,4,6-Trichlorophenol	170 UJ	µg/kg
				2-Nitroaniline	230 UJ	µg/kg
				2-Nitrophenol	57 UJ	µg/kg
				Naphthalene	7.6 UJ	µg/kg
				2-Methylnaphthalene	7.6 UJ	µg/kg
				2-Chloronaphthalene	57 UJ	µg/kg
				3,3'-Dichlorobenzidine	110 UJ	µg/kg
				Biphenyl	57 UJ	µg/kg
				2-Methylphenol	230 UJ	µg/kg
				2-Chlorophenol	57 UJ	µg/kg
				2,4,5-Trichlorophenol	170 UJ	µg/kg
				Acetophenone	110 UJ	µg/kg
				Nitrobenzene	110 UJ	µg/kg
				3-Nitroaniline	230 UJ	µg/kg
TCL SVOC	SO-17322-120307-CB-099	15 days	14 days	4-Nitroaniline	230 UJ	ug/kg
				4-Nitrophenol	380 UJ	ug/kg
				Benzaldehyde	110 UJ	ug/kg
				4-Bromophenyl phenyl ether	57 UJ	ug/kg
				Caprolactam	380 UJ	ug/kg
				2,4-Dimethylphenol	170 UJ	ug/kg
				4-Methylphenol	230 UJ	ug/kg
				4-Chloroaniline	170 UJ	ug/kg
				2,2'-oxybis(1-Chloropropane) (bis(2-chloroisopropyl)	110 UJ	ug/kg
				Phenol	57 UJ	ug/kg
				Pyridine	110 UJ	ug/kg
				bis(2-Chloroethyl)ether	110 UJ	ug/kg
				bis(2-Chloroethoxy)methane	110 UJ	ug/kg
				bis(2-Ethylhexyl)phthalate	57 UJ	ug/kg
				Di-n-octyl phthalate	57 UJ	ug/kg
				Hexachlorobenzene	7.6 UJ	ug/kg
				Anthracene	7.6 UJ	ug/kg
				2,4-Dichlorophenol	170 UJ	ug/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL SVOC	SO-17322-120307-CB-099 (Continued)	15 days	14 days	2,4-Dinitrotoluene	230 UJ	ug/kg
				Pyrene	7.6 UJ	ug/kg
				Dimethyl phthalate	57 UJ	ug/kg
				Dibenzofuran	57 UJ	ug/kg
				Benzo(g,h,i)perylene	7.6 UJ	ug/kg
				Atrazine	230 UJ	ug/kg
				Indeno(1,2,3-cd)pyrene	7.6 UJ	ug/kg
				Benzo(b)fluoranthene	7.6 UJ	ug/kg
				Fluoranthene	7.6 UJ	ug/kg
				Benzo(k)fluoranthene	7.6 UJ	ug/kg
				Acenaphthylene	7.6 UJ	ug/kg
				Chrysene	7.6 UJ	ug/kg
				Benzo(a)pyrene	7.6 UJ	ug/kg
				2,4-Dinitrophenol	380 UJ	ug/kg
				Dibenz(a,h)anthracene	7.6 UJ	ug/kg
				4,6-Dinitro-2-methylphenol	170 UJ	ug/kg
				Benzo(a)anthracene	7.6 UJ	ug/kg
				4-Chloro-3-methylphenol	170 UJ	ug/kg
				2,6-Dinitrotoluene	230 UJ	ug/kg
				N-Nitrosodi-n-propylamine	57 UJ	ug/kg
				Hexachloroethane	57 UJ	ug/kg
				4-Chlorophenyl phenyl ether	57 UJ	ug/kg
				Hexachlorocyclopentadiene	380 UJ	ug/kg
				Isophorone	57 UJ	ug/kg
				Acenaphthene	7.6 UJ	ug/kg
				Diethyl phthalate	57 UJ	ug/kg
				Di-n-butylphthalate	57 UJ	ug/kg
				Phenanthrene	7.6 UJ	ug/kg
				Butyl benzylphthalate	57 UJ	ug/kg
				N-Nitrosodiphenylamine	57 UJ	ug/kg
				Fluorene	7.6 UJ	ug/kg
				Carbazole	57 UJ	ug/kg
				Hexachlorobutadiene	57 UJ	ug/kg
				Pentachlorophenol	170 UJ	ug/kg
				2,4,6-Trichlorophenol	170 UJ	ug/kg
				2-Nitroaniline	230 UJ	ug/kg

TABLE 3

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
TCL SVOC	SO-17322-120307-CB-099 (Continued)	15 days	14 days	2-Nitrophenol	57 UJ	ug/kg
				Naphthalene	7.6 UJ	ug/kg
				2-Methylnaphthalene	7.6 UJ	ug/kg
				2-Chloronaphthalene	57 UJ	ug/kg
				3,3'-Dichlorobenzidine	110 UJ	ug/kg
				Biphenyl	57 UJ	ug/kg
				2-Methylphenol	230 UJ	ug/kg
				2-Chlorophenol	57 UJ	ug/kg
				2,4,5-Trichlorophenol	170 UJ	ug/kg
				Acetophenone	110 UJ	ug/kg
				Nitrobenzene	110 UJ	ug/kg
				3-Nitroaniline	230 UJ	ug/kg
PCB	SO-17322-120307-CB-094	15 days	14 days	Aroclor-1260 (PCB-1260)	37 UJ	ug/kg
				Aroclor-1254 (PCB-1254)	37 UJ	ug/kg
				Aroclor-1221 (PCB-1221)	37 UJ	ug/kg
				Aroclor-1232 (PCB-1232)	37 UJ	ug/kg
				Aroclor-1248 (PCB-1248)	340 J	ug/kg
				Aroclor-1016 (PCB-1016)	37 UJ	ug/kg
				Aroclor-1242 (PCB-1242)	37 UJ	ug/kg
PCB	SO-17322-120307-CB-098	15 days	14 days	Aroclor-1260 (PCB-1260)	37 UJ	ug/kg
				Aroclor-1254 (PCB-1254)	37 UJ	ug/kg
				Aroclor-1221 (PCB-1221)	37 UJ	ug/kg
				Aroclor-1232 (PCB-1232)	37 UJ	ug/kg
				Aroclor-1248 (PCB-1248)	37 UJ	ug/kg
				Aroclor-1016 (PCB-1016)	37 UJ	ug/kg
				Aroclor-1242 (PCB-1242)	37 UJ	ug/kg
PCB	SO-17322-120307-CB-099	15 days	14 days	Aroclor-1260 (PCB-1260)	38 UJ	ug/kg
				Aroclor-1254 (PCB-1254)	38 UJ	ug/kg
				Aroclor-1221 (PCB-1221)	38 UJ	ug/kg
				Aroclor-1232 (PCB-1232)	38 UJ	ug/kg
				Aroclor-1248 (PCB-1248)	38 UJ	ug/kg
				Aroclor-1016 (PCB-1016)	38 UJ	ug/kg
				Aroclor-1242 (PCB-1242)	38 UJ	ug/kg

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF HOLDING TIME PERIOD
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Holding Time*	*Holding Time Criteria*	*Analytes*	*Qualified Results*	*Units*
General Chemistry	GW-17322-010808-CB-010	29:31 hours	24 hours	Hexavalent chromium	0.01 UJ	ug/L
	GW-17322-010808-CB-013	28:25 hou8rs			0.01 UJ	ug/L
	GW-17322-010808-CB-014	26:40 hours			0.01 UJ	ug/L
	GW-17322-010808-CB-015	26:34 hours			0.01 UJ	ug/L
	GW-17322-010908-CB-011	28:03 hours			0.03 J	ug/L
	GW-17322-010908-CB-012	27:32 hours			0.008 J	ug/L
	GW-17322-010908-CB-016	26:40 hours			0.01 UJ	ug/L
General Chemistry	GW-17322-112707-CB-001	31:20 hours			0.01 J	ug/L
	GW-17322-112707-CB-002	30:14 hours	24 hours	Hexavalent chromium	0.01 UJ	ug/L
	GW-17322-112707-CB-003	28:45 hours			0.01 UJ	ug/L
	GW-17322-112707-CB-004	26:11 hours			0.006 J	ug/L
	GW-17322-112707-CB-005	25:14 hours			0.01 UJ	ug/L
	GW-17322-112707-CB-006	24:45 hours			0.01 UJ	ug/L
	GW-17322-112807-CB-007	30:21 hours			0.01 UJ	ug/L
	GW-17322-112807-CB-008	29:41 hours			0.01 UJ	ug/L
	GW-17322-112807-CB-009	27:35 hours			0.01 UJ	ug/L
General Chemistry	SO-17322-120307-CB-095	16 days	14 days	Total Cyanide	0.23 UJ	mg/kg
	SO-17322-120307-CB-098	16 days			0.23 UJ	mg/kg
	SO-17322-120307-CB-099	16 days			0.23 UJ	mg/kg

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
UJ - Estimated report limit
R - Rejected

TABLE 4

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INITIAL CALIBRATION ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	10/26/07	Methyl acetate	0.025	SO-17322-120307-CB-091	8.5 U	µg/kg	R
				SO-17322-120307-CB-100	7.9 U	µg/kg	R
				SO-17322-120307-CB-106	9.0 U	µg/kg	R
				TB-17322-120307-CB-001	10 U	µg/kg	R
				SO-17322-120507-CB-117	10 U	µg/kg	R
				SO-17322-120507-CB-120	8.3 U	µg/kg	R
				SO-17322-120507-CB-123	8.4 U	µg/kg	R
				SO-17322-120507-CB-124	7.7 U	µg/kg	R
				TB-17322-120507-CB-001	10 U	µg/kg	R
				SO-17322-120607-CB-126	7.9 U	µg/kg	R
				SO-17322-120607-CB-128	9.2 U	µg/kg	R
				TB-17322-120607-CB-001	10 U	µg/kg	R
				SO-17322-120707-CB-131	7.9 U	µg/kg	R
				SO-17322-120707-CB-134	10 U	µg/kg	R
				SO-17322-120707-CB-139	8.4 U	µg/kg	R
				SO-17322-120707-CB-141	8.1 U	µg/kg	R
				TB-17322-120707-CB-001	10 U	µg/kg	R
TCL VOC	10/23/07	Methyl acetate	0.030	SO-17322-120307-CB-097	8.8 U	µg/kg	R
				SO-17322-120307-CB-105	8.7 U	µg/kg	R
				SO-17322-120407-CB-108	8.1 U	µg/kg	R
				SO-17322-120407-CB-111	11 U	µg/kg	R
				SO-17322-120407-CB-114	9.4 U	µg/kg	R
				TB-17322-120407-CB-001	10 U	µg/kg	R

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
RRF - Relative Response Factor
U - Not detected at or above the associated value
R - Rejected

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS-ORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*% D or % Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	10/13/07 14:34	Dichlorodifluoromethane	---	28.5	SO-17322-101007-CB-015	4.6 U	µg/kg	UJ
					SO-17322-101007-CB-016	4.7 U	µg/kg	UJ
TCL VOC	10/14/07 12:50	Bromomethane	---	26.8	TB-17322-101007-CB-001	5.0 U	µg/kg	UJ
TCL VOC	10/14/07 12:50	Chloroethane	---	25.9	TB-17322-101007-CB-001	5.0 U	µg/kg	UJ
TCL VOC	10/15/07 16:43	Bromomethane	---	27.12	SO-17322-101007-CB-017	180 U	µg/kg	UJ
					SO-17322-101007-CB-018	270 U	µg/kg	UJ
					SO-17322-101007-CB-019	180 U	µg/kg	UJ
TCL VOC	10/15/07 16:43	Trichlorofluoromethane	---	42.3	SO-17322-101007-CB-017	91 U	µg/kg	UJ
					SO-17322-101007-CB-018	140 U	µg/kg	UJ
					SO-17322-101007-CB-019	89 U	µg/kg	UJ
TCL VOC	10/15/07 16:43	trans-1,3-Dichloropropene	---	31.3	SO-17322-101007-CB-017	46 U	µg/kg	UJ
					SO-17322-101007-CB-018	68 U	µg/kg	UJ
					SO-17322-101007-CB-019	44 U	µg/kg	UJ
TCL VOC	10/15/07 16:43	2-Hexanone	---	27.7	SO-17322-101007-CB-017	2300 U	µg/kg	UJ
					SO-17322-101007-CB-018	3400 U	µg/kg	UJ
					SO-17322-101007-CB-019	2200 U	µg/kg	UJ
TCL VOC	10/15/07 16:43	Methylcyclohexane	---	27.0	SO-17322-101007-CB-017	1100 U	µg/kg	UJ
					SO-17322-101007-CB-018	1600 U	µg/kg	UJ
					SO-17322-101007-CB-019	79 J	µg/kg	J
TCL VOC	10/18/07 13:27	Dichlorodifluoromethane	---	28.6	TB-17322-101507-CB-002	5.0 U	µg/kg	UJ
					SO-17322-101607-CB-051	3.7 U	µg/kg	UJ
					SO-17322-101607-CB-053	4.6 U	µg/kg	UJ
					SO-17322-101607-CB-056	3.6 U	µg/kg	UJ
					SO-17322-101607-CB-058	4.5 U	µg/kg	UJ
					SO-17322-101607-CB-061	3.8 U	µg/kg	UJ
					SO-17322-101607-CB-064	3.6 U	µg/kg	UJ
					TB-17322-101607-CB-002	5.0 U	µg/kg	UJ

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS-ORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*% D or % Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	10/18/07 13:27	Bromomethane	---	26.0	TB-17322-101507-CB-002	5.0 U	µg/kg	UJ
					SO-17322-101607-CB-051	3.7 U	µg/kg	UJ
					SO-17322-101607-CB-053	4.6 U	µg/kg	UJ
					SO-17322-101607-CB-056	3.6 U	µg/kg	UJ
					SO-17322-101607-CB-058	4.5 U	µg/kg	UJ
					SO-17322-101607-CB-061	3.8 U	µg/kg	UJ
					SO-17322-101607-CB-064	3.6 U	µg/kg	UJ
					TB-17322-101607-CB-002	5.0 U	µg/kg	UJ
TCL VOC	10/18/07 13:27	Trichlorofluoromethane	---	25.7	TB-17322-101507-CB-002	5.0 U	µg/kg	UJ
					SO-17322-101607-CB-051	3.7 U	µg/kg	UJ
					SO-17322-101607-CB-053	4.6 U	µg/kg	UJ
					SO-17322-101607-CB-056	3.6 U	µg/kg	UJ
					SO-17322-101607-CB-058	4.5 U	µg/kg	UJ
					SO-17322-101607-CB-061	3.8 U	µg/kg	UJ
					SO-17322-101607-CB-064	3.6 U	µg/kg	UJ
					TB-17322-101607-CB-002	5.0 U	µg/kg	UJ
TCL VOC	10/23/07 14:16	Trichlorofluoromethane	---	28.8	SO-17322-101707-CB-069	3.8 U	µg/kg	UJ
					SO-17322-101707-CB-072	4.0 U	µg/kg	UJ
					SO-17322-101707-CB-080	4.0 U	µg/kg	UJ
					SO-17322-101707-CB-082	4.5 U	µg/kg	UJ
					SO-17322-101707-CB-083	4.1 U	µg/kg	UJ
					TB-17322-101707-CB-002	5.0 U	µg/kg	UJ
					SO-17322-101807-CB-086	4.4 U	µg/kg	UJ
TCL VOC	10/23/07 14:16	Acetone	---	32.1	SO-17322-101707-CB-069	43	µg/kg	J
					SO-17322-101707-CB-072	16 U	µg/kg	UJ
					SO-17322-101707-CB-080	32	µg/kg	J
					SO-17322-101707-CB-082	18 U	µg/kg	UJ
					SO-17322-101707-CB-083	29	µg/kg	J
					TB-17322-101707-CB-002	20 U	µg/kg	UJ
					SO-17322-101807-CB-086	18 U	µg/kg	UJ

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS-ORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*% D or % Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	10/24/07 14:19	Acetone	---	30.7	SO-17322-101707-CB-067	5.8 J	µg/kg	J
					SO-17322-101707-CB-073	22 U	µg/kg	UJ
					SO-17322-101707-CB-077	15 U	µg/kg	UJ
					SO-17322-101707-CB-070	14 J	µg/kg	J
					SO-17322-101807-CB-085	16 U	µg/kg	UJ
					SO-17322-101807-CB-088	15	µg/kg	J
					SO-17322-101807-CB-089	18 U	µg/kg	UJ
					TB-17322-101807-CB-002	20 U	µg/kg	UJ
TCL VOC	12/03/07 06:55	Carbon disulfide	---	28.3	GW-17322-112807-CB-007	5.0 U	µg/L	UJ
					GW-17322-112807-CB-009	5.0 U	µg/L	UJ
					TB-17322-112807-CB-001	5.0 U	µg/L	UJ
TCL VOC	12/06/07 13:04	1,2-Dibromo-3-chloropropane	---	28.5	SO-17322-120307-CB-091	8.5 U	µg/kg	UJ
					SO-17322-120307-CB-100	7.9 U	µg/kg	UJ
					SO-17322-120307-CB-106	9.0 U	µg/kg	UJ
					TB-17322-120307-CB-001	10 U	µg/kg	UJ
TCL VOC	12/06/07 13:04	Methyl acetate	0.029	---	SO-17322-120307-CB-091	8.5 U	µg/kg	R
					SO-17322-120307-CB-100	7.9 U	µg/kg	R
					SO-17322-120307-CB-106	9.0 U	µg/kg	R
					TB-17322-120307-CB-001	10 U	µg/kg	R
TCL VOC	12/06/07 13:20	Methyl acetate	0.029	---	SO-17322-120407-CB-108	8.1 U	µg/kg	R
					SO-17322-120407-CB-111	11 U	µg/kg	R
					SO-17322-120407-CB-114	9.4 U	µg/kg	R
					TB-17322-120407-CB-001	10 U	µg/kg	R
TCL VOC	12/06/07 13:20	Chloroethane	---	32.0	SO-17322-120407-CB-108	4.1 U	µg/kg	UJ
					SO-17322-120407-CB-111	5.4 U	µg/kg	UJ
					SO-17322-120407-CB-114	4.7 U	µg/kg	UJ
					TB-17322-120407-CB-001	5.0 U	µg/kg	UJ
TCL VOC	12/06/07 17:16	Carbon tetrachloride	---	30.2	SO-17322-120307-CB-096	95 U	µg/kg	UJ
					TB-17322-120307-CB-001	40 U	µg/kg	UJ

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS-ORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*% D or % Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	12/07/07 13:20	Methyl acetate	0.031	---	SO-17322-120307-CB-097	8.8 U	µg/kg	R
					SO-17322-120307-CB-105	8.7 U	µg/kg	R
TCL VOC	12/07/07 13:20	Chloroethane	---	28.5	SO-17322-120307-CB-097	4.4 U	µg/kg	UJ
					SO-17322-120307-CB-105	4.4 U	µg/kg	UJ
TCL VOC	12/07/07 13:20	1,2,4-Trichlorobenzene	---	28.2	SO-17322-120307-CB-097	4.4 U	µg/kg	UJ
					SO-17322-120307-CB-105	4.4 U	µg/kg	UJ
TCL VOC	12/10/07 17:19	Methyl acetate	---	28.3	SO-17322-120307-CB-102	110 J	µg/kg	J
TCL VOC	12/12/07 08:50	Methyl acetate	0.029	---	SO-17322-120507-CB-117	10 U	µg/kg	R
					SO-17322-120507-CB-120	8.3 U	µg/kg	R
					SO-17322-120507-CB-123	8.4 U	µg/kg	R
					SO-17322-120507-CB-124	7.7 U	µg/kg	R
					TB-17322-120507-CB-001	10 U	µg/kg	R
					SO-17322-120607-CB-126	7.9 U	µg/kg	R
					SO-17322-120607-CB-128	9.2 U	µg/kg	R
					TB-17322-120607-CB-001	10 U	µg/kg	R
					SO-17322-120707-CB-131	7.9 U	µg/kg	R
					SO-17322-120707-CB-134	10 U	µg/kg	R
					SO-17322-120707-CB-139	8.4 U	µg/kg	R
					SO-17322-120707-CB-141	8.1 U	µg/kg	R
					TB-17322-120707-CB-001	10 U	µg/kg	R
TCL VOC	12/12/07 08:50	Trichlorofluoromethane	---	28.3	SO-17322-120507-CB-117	5.1 U	µg/kg	UJ
					SO-17322-120507-CB-120	4.1 U	µg/kg	UJ
					SO-17322-120507-CB-123	4.2 U	µg/kg	UJ
					SO-17322-120507-CB-124	3.9 U	µg/kg	UJ
					TB-17322-120507-CB-001	5.0 U	µg/kg	UJ
					SO-17322-120607-CB-126	3.9 U	µg/kg	UJ
					SO-17322-120607-CB-128	4.6 U	µg/kg	UJ
					TB-17322-120607-CB-001	5.0 U	µg/kg	UJ
					SO-17322-120707-CB-131	4.0 U	µg/kg	UJ
					SO-17322-120707-CB-134	5.0 U	µg/kg	UJ
					SO-17322-120707-CB-139	4.2 U	µg/kg	UJ

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS-ORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*% D or % Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	12/12/07 08:50	Trichlorofluoromethane (Cont'd)	---	28.3	SO-17322-120707-CB-141	4.1 U	µg/kg	UJ
					TB-17322-120707-CB-001	5.0 U	µg/kg	UJ
TCL VOC	12/14/07 15:52	Trichlorofluoromethane	---	25.9	SO-17322-120307-CB-095	92 U	µg/kg	UJ
		1,1,2-Trichloro-1,2,2-trifluoroethane	---	31.3	SO-17322-120307-CB-095	92 U	µg/kg	UJ
		Methyl acetate	---	28.7	SO-17322-120307-CB-095	92 U	µg/kg	UJ
TCL VOC	01/11/08 10:38	1,2,4-Trichlorobenzene	---	28.1	GW-17322-010808-CB-010	5.0 U	µg/L	UJ
					GW-17322-010808-CB-011	5.0 U	µg/L	UJ
					GW-17322-010808-CB-012	5.0 U	µg/L	UJ
					GW-17322-010808-CB-013	5.0 U	µg/L	UJ
					GW-17322-010808-CB-014	5.0 U	µg/L	UJ
					GW-17322-010808-CB-015	5.0 U	µg/L	UJ
					TB-17322-010808-CB-001	5.0 U	µg/L	UJ
TCL VOC	01/14/08 11:01	1,2,4-Trichlorobenzene	---	30.9	GW-17322-010908-CB-016	5.0 U	µg/L	UJ
					GW-17322-010908-CB-017	5.0 U	µg/L	UJ
					TB-17322-010908-CB-001	5.0 U	µg/L	UJ
TCL SVOC	10/19/07	4-Nitrophenol	---	27.63	SO-17322-101507-CB-045	350 U	µg/kg	UJ
					SO-17322-101507-CB-048	390 U	µg/kg	UJ
					SO-17322-101607-CB-051	390 U	µg/kg	UJ
					SO-17322-101607-CB-053	370 U	µg/kg	UJ
					SO-17322-101607-CB-056	380 U	µg/kg	UJ
					SO-17322-101607-CB-058	390 U	µg/kg	UJ
					SO-17322-101607-CB-061	1800 U	µg/kg	UJ
					SO-17322-101607-CB-064	370 U	µg/kg	UJ
TCL SVOC	10/19/07	bis(2-Chloroethyl)ether	---	35.02	SO-17322-101507-CB-045	110 U	µg/kg	UJ
					SO-17322-101507-CB-048	120 U	µg/kg	UJ
					SO-17322-101607-CB-051	120 U	µg/kg	UJ
					SO-17322-101607-CB-053	110 U	µg/kg	UJ
					SO-17322-101607-CB-056	120 U	µg/kg	UJ
					SO-17322-101607-CB-058	120 U	µg/kg	UJ
					SO-17322-101607-CB-061	550 U	µg/kg	UJ
					SO-17322-101607-CB-064	110 U	µg/kg	UJ

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS-ORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*RRF*	*% D or % Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL SVOC	10/23/07	Hexachlorocyclopentadiene	---	46.27	SO-17322-101807-CB-085	1600 U	µg/kg	UJ
					SO-17322-101807-CB-086	1700 U	µg/kg	UJ
					SO-17322-101807-CB-088	370 U	µg/kg	UJ
					SO-17322-101807-CB-089	1400 U	µg/kg	UJ
TCL SVOC	12/10/07	bis(2-chloroisopropyl) ether	---	39.87	SO-17322-120307-CB-091	110 U	µg/kg	UJ
TCL SVOC	12/11/07	bis(2-chloroisopropyl) ether	---	43.84	SO-17322-120507-CB-117	110 U	µg/kg	UJ
					SO-17322-120507-CB-120	110 U	µg/kg	UJ
					SO-17322-120507-CB-123	120 U	µg/kg	UJ
					SO-17322-120507-CB-124	110 U	µg/kg	UJ
TCL SVOC	12/11/07	Pyridine	---	27.11	SO-17322-120507-CB-117	110 U	µg/kg	UJ
					SO-17322-120507-CB-120	110 U	µg/kg	UJ
					SO-17322-120507-CB-123	120 U	µg/kg	UJ
					SO-17322-120507-CB-124	110 U	µg/kg	UJ
TCL SVOC	12/12/07	bis(2-chloroisopropyl) ether	---	49.37	SO-17322-120707-CB-131	120 U	µg/kg	UJ
					SO-17322-120707-CB-134	110 U	µg/kg	UJ
					SO-17322-120707-CB-139	120 U	µg/kg	UJ
TCL SVOC	12/12/07	Pyridine	---	29.67	SO-17322-120707-CB-131	120 U	µg/kg	UJ
					SO-17322-120707-CB-134	110 U	µg/kg	UJ
					SO-17322-120707-CB-139	120 U	µg/kg	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
RRF - Relative Response Factor
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated report limit
R - Rejected

TABLE 6

QUALIFIED SAMPLE RESULTS DUE TO VIOLATION OF CONTINUING CALIBRATION REQUIREMENTS - INORGANIC ANALYTES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Calibration Date*	*Compound*	*% Recovery*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
Metals	12/06/07	Zinc	110.8	GW-17322-112707-CB-002	6.0 B	ug/L	J
				GW-17322-112707-CB-003	10.5 B	ug/L	J
				GW-17322-112707-CB-004	16.2 B	ug/L	J
				GW-17322-112807-CB-007	5.8 B	ug/L	J
				GW-17322-112807-CB-008	5.8 B	ug/L	J

Notes:

J - Estimated concentration

Laboratory Qualifiers:

B (inorganics) - Estimated Results. Results less than RL

TABLE 7

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO BLANK CONTAMINATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Units*	*Qualified Sample Result*
TCL VOC	10/14/07	Methylene chloride	5.0	TB-17322-101007-CB-001	1.3 JB	µg/kg	5.0 U
TCL VOC	10/15/07	1,2-Dichlorobenzene	0.46 J	SO-17322-101107-CB-030	0.31 JB	µg/kg	3.9 U
		1,2,4-Trichlorobenzene	1.4 J	SO-17322-101107-CB-030	0.69 JB	µg/kg	3.9 U
TCL VOC	10/18/07	1,2,4-Trichlorobenzene	1.1 J	SO-17322-101607-CB-056	0.93 JB	µg/kg	3.6 U
TCL VOC	12/06/07	Acetone	3.5 J	SO-17322-120407-CB-108	28 B	µg/kg	28 U
		Methylene chloride	1.4 J	TB-17322-120407-CB-001	1.3 JB	µg/kg	5.0 U
		1,2,4-Trimethylbenzene	0.63 J	SO-17322-120407-CB-111	0.70 JB	µg/kg	5.4 U
		1,3,5-Trimethylbenzene	0.62 J	SO-17322-120407-CB-111	0.67 JB	µg/kg	5.4 U
				SO-17322-120407-CB-114	0.57 JB	µg/kg	4.7 U
TCL VOC	12/07/07	1,3,5-Trimethylbenzene	0.63 J	SO-17322-120307-CB-097	2.3 JB	µg/kg	4.4 U
				SO-17322-120307-CB-105	0.55 JB	µg/kg	4.4 U
TCL VOC	12/12/07	Methylene chloride	4.3 J	SO-17322-120607-CB-126	1.2 JB	µg/kg	3.9 U
				SO-17322-120607-CB-128	3.2 JB	µg/kg	4.6 U
TCL VOC	01/02/08	1,3,5-Trimethylbenzene	0.67 J	SO-17322-120307-CB-094	3.2 J	µg/kg	4.9 U
TCL SVOC	10/17/07	bis(2-Ethylhexyl)phthalate	20	SO-17322-101007-CB-023	64 B	µg/kg	64 U
TCL SVOC	12/07/07	bis(2-Ethylhexyl)phthalate	60	SO-17322-120407-CB-108	110 B	µg/kg	110 U
				SO-17322-120407-CB-111	69 B	µg/kg	69 U
				SO-17322-120407-CB-114	21 J B	µg/kg	57 U
Metals	10/11/07	Sodium	27.5	SO-17322-100907-CB-011	108	mg/kg	108 U
Metals	10/11/07	Thallium	0.017	SO-17322-100907-CB-007	0.049 B	mg/kg	0.098 U
Metals	10/16/07	Antimony	0.061	SO-17322-101007-CB-015	0.067 BJ	mg/kg	0.19 U
				SO-17322-101007-CB-017	0.31 J	mg/kg	0.31 U
				SO-17322-101007-CB-019	0.099 BJ	mg/kg	0.18 U
				SO-17322-101007-CB-022	0.27 J	mg/kg	0.27 U
				SO-17322-101007-CB-023	0.22 J	mg/kg	0.22 U

TABLE 7

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO BLANK CONTAMINATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Units*	*Qualified Sample Result*
Metals	10/16/07	Antimony	0.016	SO-17322-101107-CB-028	0.086 B	mg/kg	0.18 U
				SO-17322-101107-CB-030	0.091 B	mg/kg	0.18 U
Metals	10/18/07	Antimony	0.07	SO-17322-101507-CB-045	0.094 BJ	mg/kg	0.17 U
				SO-17322-101507-CB-048	0.080 BJ	mg/kg	0.19 U
Metals	10/19/07	Silver	0.022	SO-17322-101507-CB-045	0.044 BJ	mg/kg	0.084 U
				SO-17322-101507-CB-048	0.072 BJ	mg/kg	0.094 U
Metals	10/19/07	Thallium	0.025	SO-17322-101607-CB-051	0.11 J	mg/kg	0.11 U
				SO-17322-101607-CB-053	0.062 BJ	mg/kg	0.091 U
				SO-17322-101607-CB-058	0.11 J	mg/kg	0.11 U
Metals	10/22/07	Antimony	0.098	SO-17322-101607-CB-053	0.12 BJ	mg/kg	0.18 U
				SO-17322-101607-CB-056	0.10 BJ	mg/kg	0.18 U
				SO-17322-101607-CB-058	0.064 BJ	mg/kg	0.19 U
				SO-17322-101607-CB-061	0.13 BJ	mg/kg	0.18 U
				SO-17322-101607-CB-064	0.13 BJ	mg/kg	0.18 U
Metals	10/22/07	Silver	0.019	SO-17322-101607-CB-051	0.071 BJ	mg/kg	0.094 U
				SO-17322-101607-CB-053	0.073 BJ	mg/kg	0.091 U
				SO-17322-101607-CB-056	0.082 BJ	mg/kg	0.092 U
				SO-17322-101607-CB-058	0.041 BJ	mg/kg	0.094 U
				SO-17322-101607-CB-061	0.067 BJ	mg/kg	0.088 U
				SO-17322-101607-CB-064	0.069 BJ	mg/kg	0.090 U
Metals	10/23/07	Antimony	0.046	SO-17322-101707-CB-067	0.087 BJ	mg/kg	0.17 U
				SO-17322-101707-CB-069	0.13 BJ	mg/kg	0.18 U
				SO-17322-101707-CB-070	0.16 BJ	mg/kg	0.18 U
				SO-17322-101707-CB-072	0.17 BJ	mg/kg	0.18 U
				SO-17322-101707-CB-073	0.22 J	mg/kg	0.22 U
				SO-17322-101707-CB-080	0.14 BJ	mg/kg	0.18 U
				SO-17322-101707-CB-082	0.11 BJ	mg/kg	0.17 U
				SO-17322-101707-CB-083	0.11 BJ	mg/kg	0.18 U
				SO-17322-101807-CB-088	0.12 BJ	mg/kg	0.18 U

TABLE 7

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO BLANK CONTAMINATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Units*	*Qualified Sample Result*
Metals	12/3/07	Antimony	0.18	GW-17322-112707-CB-002	0.36 B	ug/L	2.0 U
				GW-17322-112707-CB-003	0.63 B	ug/L	2.0 U
				GW-17322-112707-CB-005	0.39 B	ug/L	2.0 U
				GW-17322-112707-CB-006	0.18 B	ug/L	2.0 U
				GW-17322-112807-CB-007	0.17 B	ug/L	2.0 U
				GW-17322-112807-CB-009	0.59 B	ug/L	2.0 U
Metals	12/3/07	Copper	0.73	GW-17322-112707-CB-002	2.1 J	ug/L	2.1 U
				GW-17322-112707-CB-003	2.5 J	ug/L	2.5 U
				GW-17322-112707-CB-005	1.5 BJ	ug/L	2.0 U
				GW-17322-112707-CB-006	1.6 BJ	ug/L	2.0 U
				GW-17322-112807-CB-007	2.2 J	ug/L	2.2 U
				GW-17322-112807-CB-008	1.6 BJ	ug/L	2.0 U
				GW-17322-112807-CB-009	2.4 J	ug/L	2.4 U
Metals	12/3/07	Silver	0.033	GW-17322-112707-CB-005	0.086 B	ug/L	0.20 U
Metals	12/5/07	Beryllium	0.04	SO-17322-120307-CB-091	0.053 B	mg/kg	0.18 U
Metals	12/6/07	Antimony	0.026	SO-17322-120307-CB-091	0.10 BJ	mg/kg	0.18 U
				SO-17322-120307-CB-096	0.059 BJ	mg/kg	0.19 U
				SO-17322-120307-CB-097	0.12 BJ	mg/kg	0.17 U
				SO-17322-120307-CB-100	0.059 BJ	mg/kg	0.17 U
				SO-17322-120307-CB-105	0.10 BJ	mg/kg	0.18 U
				SO-17322-120307-CB-106	0.066 BJ	mg/kg	0.18 U
				SO-17322-120407-CB-111	0.13 B	mg/kg	0.19 U
				SO-17322-120407-CB-114	0.081 B	mg/kg	0.18 U
Metals	12/6/07	Beryllium	0.04	SO-17322-120307-CB-096	0.14 B	mg/kg	0.19 U
				SO-17322-120307-CB-105	0.077 B	mg/kg	0.18 U
Metals	12/6/07	Cadmium	0.039	SO-17322-120307-CB-096	0.21 J	mg/kg	0.21 U
				SO-17322-120307-CB-100	0.13 J	mg/kg	0.13 U
Metals	12/6/07	Chromium	0.7	GW-17322-112807-CB-007	2.8 B	ug/L	5.0 U

TABLE 7

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO BLANK CONTAMINATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Units*	*Qualified Sample Result*
Metals	12/6/07	Thallium	0.016	SO-17322-120307-CB-100	0.040 B	mg/kg	0.083 U
				SO-17322-120307-CB-106	0.084 B	mg/kg	0.088 U
Metals	12/7/07	Antimony	0.024	SO-17322-120507-CB-120	0.097 B	mg/kg	0.18 U
Metals	12/11/07	Beryllium	0.03	SO-17322-120607-CB-128	0.16 B	mg/kg	0.19 U
				SO-17322-120707-CB-141	0.054 B	mg/kg	0.18 U
Metals	12/18/07	Cadmium	0.03	SO-17322-120307-CB-095	0.12	mg/kg	0.12 U
Metals	12/19/07	Thallium	0.02	SO-17322-120307-CB-094	0.10	mg/kg	0.10 U
Metals	1/15/08	Chromium	1.1	GW-17322-010808-CB-013	3.9 B	ug/L	5.0
				GW-17322-010908-CB-017	2.6 B	ug/L	5.0
Metals	1/15/08	Cobalt	0.9	GW-17322-010808-CB-014	1.9 B	ug/L	7.0 U
				GW-17322-010908-CB-017	2.1 B	ug/L	7.0 U
Metals	1/15/08	Magnesium	69	GW-17322-010908-CB-011	112 BJ	ug/L	1000 U
				GW-17322-010908-CB-012	244 BJ	ug/L	1001 U
Metals	1/21/08	Copper	0.54	GW-17322-010808-CB-010	2.3 J	ug/L	2.3 U
				GW-17322-010808-CB-013	2.4 J	ug/L	2.4 U
				GW-17322-010808-CB-014	0.76 BJ	ug/L	2.0 U
				GW-17322-010808-CB-015	0.98 BJ	ug/L	2.0 U
				GW-17322-010908-CB-016	2.4 J	ug/L	2.4 U
Metals	1/21/08	Thallium	0.15	GW-17322-010808-CB-013	0.24 B	ug/L	1.0 U
General Chemistry	10/12/08	Hexavalent Chromium	0.6	SO-17322-100907-CB-001	0.54 BJ	mg/kg	0.90 U
				SO-17322-100907-CB-007	0.72 BJ	mg/kg	0.98 U
				SO-17322-100907-CB-011	0.51 BJ	mg/kg	0.86 U

TABLE 7

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO BLANK CONTAMINATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Units*	*Qualified Sample Result*
General Chemistry	10/23/08	Hexavalent Chromium	0.22	SO-17322-101607-CB-061	0.48 BJ	mg/kg	0.88 U
				SO-17322-101607-CB-064	0.49 BJ	mg/kg	0.90 U
				SO-17322-101707-CB-067	0.47 BJ	mg/kg	0.85 U
				SO-17322-101707-CB-072	0.54 BJ	mg/kg	0.88 U
				SO-17322-101707-CB-083	0.76 BJ	mg/kg	0.92 U
				SO-17322-101807-CB-088	1.1 J	mg/kg	1.1 U

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
U - Not detected at or above the associated value

Laboratory Qualifiers:

B (inorganics) - Estimated results
J (inorganics) - Method blank contamination. The associated method blank contains target analytes at a reportable level.
J (organics) - Estimated results
B (organics) - Method blank contamination. The associated method blank contains target analytes at a reportable level.

TABLE 8

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	4-Bromofluorobenzene	34	47-158	SO-17322-100907-CB-007	1,1,1-Trichloroethane	4.3 U	µg/kg	UJ
					1,1,2,2-Tetrachloroethane	4.3 U	µg/kg	UJ
					1,1,2-Trichloroethane	4.3 U	µg/kg	UJ
					1,1-Dichloroethane	4.3 U	µg/kg	UJ
					1,1-Dichloroethene	4.3 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.3 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.3 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	8.7 U	µg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	4.3 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.3 U	µg/kg	UJ
					1,2-Dichloroethane	4.3 U	µg/kg	UJ
					1,2-Dichloropropane	4.3 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.3 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.3 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.3 U	µg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	17 U	µg/kg	UJ
					2-Hexanone	17 U	µg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	17 U	µg/kg	UJ
					Acetone	24	µg/kg	J
					Benzene	4.3 U	µg/kg	UJ
					Bromodichloromethane	4.3 U	µg/kg	UJ
					Bromoform	4.3 U	µg/kg	UJ
					Bromomethane (Methyl Bromide)	4.3 U	µg/kg	UJ
					Carbon disulfide	4.3 U	µg/kg	UJ
					Carbon tetrachloride	4.3 U	µg/kg	UJ
					Chlorobenzene	4.3 U	µg/kg	UJ
					Chloroethane	4.3 U	µg/kg	UJ
					Chloroform (Trichloromethane)	4.3 U	µg/kg	UJ
					Chloromethane (Methyl Chloride)	4.3 U	µg/kg	UJ
					cis-1,2-Dichloroethene	4.3 U	µg/kg	UJ
					cis-1,3-Dichloropropene	4.3 U	µg/kg	UJ
					Cyclohexane	0.73 J	µg/kg	J
					Dibromochloromethane	4.3 U	µg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	4.3 U	µg/kg	UJ
					Ethylbenzene	4.3 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	4-Bromofluorobenzene (Continued)	34	47-158	SO-17322-100907-CB-007	Isopropylbenzene	4.3 U	µg/kg	UJ
					Methyl acetate	8.7 U	µg/kg	UJ
					Methyl cyclohexane	8.7 U	µg/kg	UJ
					Methyl Tert Butyl Ether	17 U	µg/kg	UJ
					Methylene chloride	4.3 U	µg/kg	UJ
					Styrene	4.3 U	µg/kg	UJ
					Tetrachloroethene	4.3 U	µg/kg	UJ
					Toluene	4.3 U	µg/kg	UJ
					trans-1,2-Dichloroethene	4.3 U	µg/kg	UJ
					trans-1,3-Dichloropropene	4.3 U	µg/kg	UJ
					Trichloroethene	4.3 U	µg/kg	UJ
					Trichlorofluoromethane (CFC-11)	4.3 U	µg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	4.3 U	µg/kg	UJ
					Vinyl chloride	4.3 U	µg/kg	UJ
					Xylene (total)	8.7 U	µg/kg	UJ
TCL VOC	4-Bromofluorobenzene	314	47-158	SO-17322-120307-CB-096	1,2,4-Trimethylbenzene	2500	µg/kg	J
					1,3,5-Trimethylbenzene	450	µg/kg	J
					Ethylbenzene	300	µg/kg	J
					Isopropylbenzene	610	µg/kg	J
					Xylene (total)	300	µg/kg	J
TCL SVOC	2,4,6-Tribromophenol	0	10-118	SO-17322-120307-CB-094	4-Nitrophenol	740 U	µg/kg	R
					2,4-Dimethylphenol	330 U	µg/kg	R
					4-Methylphenol	450 U	µg/kg	R
					Phenol	110 U	µg/kg	R
					2,4-Dichlorophenol	330 U	µg/kg	R
					2,4-Dinitrophenol	740 U	µg/kg	R
					4,6-Dinitro-2-methylphenol	330 U	µg/kg	R
					4-Chloro-3-methylphenol	330 U	µg/kg	R
					Pentachlorophenol	330 U	µg/kg	R
					2,4,6-Trichlorophenol	330 U	µg/kg	R
					2-Nitrophenol	110 U	µg/kg	R
					2-Methylphenol	450 U	µg/kg	R
					2-Chlorophenol	110 U	µg/kg	R
					2,4,5-Trichlorophenol	330 U	µg/kg	R

TABLE 8

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF SURROGATE RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL-SVOC	Phenol - d5	27	28-110	SO-17322-120307-CB-095	4-Nitrophenol	380 U	µg/kg	UJ
					2,4-Dimethylphenol	170 U	µg/kg	UJ
					4-Methylphenol	230 U	µg/kg	UJ
					Phenol	57 U	µg/kg	UJ
					2,4-Dichlorophenol	170 U	µg/kg	UJ
					2,4-Dinitrophenol	380 U	µg/kg	UJ
					4,6-Dinitro-2-methylphenol	170 U	µg/kg	UJ
					4-Chloro-3-methylphenol	170 U	µg/kg	UJ
					Pentachlorophenol	170 U	µg/kg	UJ
					2,4,6-Trichlorophenol	170 U	µg/kg	UJ
					2-Nitrophenol	57 U	µg/kg	UJ
					2-Methylphenol	230 U	µg/kg	UJ
					2-Chlorophenol	57 U	µg/kg	UJ
					2,4,5-Trichlorophenol	170 U	µg/kg	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated report limit
R - Rejected

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
TCL VOC	GW-17322-010808-CB-010	2-Butanone	40	156	69	71-123	30	7.0 J	µg/l	J
		cis-1,3-Dichloropropene	80	81	1.5	82-130	30	1.0 U	µg/l	UJ
		4-Methyl-2-pentanone	78	81	3.0	82-135	30	50 U	µg/l	UJ
TCL SVOC	GW-17322-010808-CB-010	3,3'-Dichlorobenzidine	0	0	0	10-110	30	1.0 U	µg/l	R
TCL SVOC	GW-17322-112707-CB-004	Hexachlorocyclopentadiene	4.9	69	200	10-110	30	6.1 U	µg/l	R
		3,3'-Dichlorobenzidine	0	0	0	10-110	30	1.2 U	µg/l	R
TCL SVOC	SO-17322-101007-CB-021	Pyrene	0	0	0	10-200	30	1600	µg/kg	J
		Benzo(b)fluoranthene	6.2	0	0	10-200	30	1100	µg/kg	J
		Fluoranthene	0	0	0	10-200	30	1900	µg/kg	J
		2,4-Dinitrophenol	0	0	0	10-110	30	760 U	µg/kg	R
		4,6-Dinitro-2-methylphenol	20	0	200	10-110	30	350 U	µg/kg	R
		Hexachlorocyclopentadiene	0	0	0	10-110	30	760 U	µg/kg	R
TCL SVOC	SO-17322-101007-CB-022	Hexachlorocyclopentadiene	0	0	0	10-110	30	380 U	µg/kg	R
TCL SVOC	SO-17322-101107-CB-028	2,4-Dinitrophenol	17	0	200	10-110	30	360 U	µg/kg	R
		Hexachlorocyclopentadiene	0	0	0	10-110	30	360 U	µg/kg	R
TCL SVOC	SO-17322-101607-CB-053	2,4-Dinitrophenol	19	0	200	10-110	30	370 U	µg/kg	R
		4,6-Dinitro-2-methylphenol	15	0	200	10-110	30	170 U	µg/kg	R
TCL SVOC	SO-17322-120607-CB-126	Hexachlorocyclopentadiene	11	8.2	27	10-110	30	370 U	µg/kg	R
TCL SVOC	SO-17322-120707-CB-141	Hexachlorocyclopentadiene	0	0	0	10-110	30	360 U	µg/kg	R
Metals	SO-17322-100907-CB-001	Copper	129	110	12	75-125	20	12.8	mg/kg	J
	SO-17322-100907-CB-004							25.6	mg/kg	J
	SO-17322-100907-CB-007							5.0	mg/kg	J
	SO-17322-100907-CB-011							20.9	mg/kg	J
	SO-17322-100907-CB-013							17.3	mg/kg	J
	SO-17322-100907-CB-014							16.0	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-100907-CB-001	Antimony	30	47	44	10-178	20	0.13 B	mg/kg	J
	SO-17322-100907-CB-004							0.11 B	mg/kg	J
	SO-17322-100907-CB-007							0.11 B	mg/kg	J
	SO-17322-100907-CB-011							0.074 B	mg/kg	J
	SO-17322-100907-CB-013							0.067 B	mg/kg	J
	SO-17322-100907-CB-014							0.098 B	mg/kg	J
Metals	SO-17322-100907-CB-001	Calcium	298	119	52	75-125	20	7660	mg/kg	J
	SO-17322-100907-CB-004							2290	mg/kg	J
	SO-17322-100907-CB-007							2750	mg/kg	J
	SO-17322-100907-CB-011							53600	mg/kg	J
	SO-17322-100907-CB-013							65400	mg/kg	J
	SO-17322-100907-CB-014							63200	mg/kg	J
Metals	SO-17322-100907-CB-001	Chromium	81	46	26	75-125	20	16.6	mg/kg	J
	SO-17322-100907-CB-004							27.8	mg/kg	J
	SO-17322-100907-CB-007							4.4	mg/kg	J
	SO-17322-100907-CB-011							6.5	mg/kg	J
	SO-17322-100907-CB-013							12.3	mg/kg	J
	SO-17322-100907-CB-014							10.7	mg/kg	J
Metals	SO-17322-100907-CB-001	Magnesium	115	75	25	75-125	20	3890	mg/kg	J
	SO-17322-100907-CB-004							3700	mg/kg	J
	SO-17322-100907-CB-007							941	mg/kg	J
	SO-17322-100907-CB-011							8530	mg/kg	J
	SO-17322-100907-CB-013							15100	mg/kg	J
	SO-17322-100907-CB-014							14800	mg/kg	J
Metals	SO-17322-100907-CB-001	Vanadium	88	69	17	75-125	20	20.9	mg/kg	J
	SO-17322-100907-CB-004							27.8	mg/kg	J
	SO-17322-100907-CB-007							6.8	mg/kg	J
	SO-17322-100907-CB-011							11.4	mg/kg	J
	SO-17322-100907-CB-013							20.5	mg/kg	J
	SO-17322-100907-CB-014							15.6	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-100907-CB-001	Zinc	323	172	25	10-199	20	40.5	mg/kg	J
	SO-17322-100907-CB-004							44.8	mg/kg	J
	SO-17322-100907-CB-007							25.5	mg/kg	J
	SO-17322-100907-CB-011							63.4	mg/kg	J
	SO-17322-100907-CB-013							27.7	mg/kg	J
	SO-17322-100907-CB-014							17.2	mg/kg	J
Metals	SO-17322-101007-CB-015	Antimony	65	63	3.8	75-125	20	0.19 U	mg/kg	UJ
	SO-17322-101007-CB-016							0.57 J	mg/kg	J
	SO-17322-101007-CB-017							0.31 U	mg/kg	UJ
	SO-17322-101007-CB-018							1.5 J	mg/kg	J
	SO-17322-101007-CB-019							0.18 U	mg/kg	UJ
	SO-17322-101007-CB-020							0.53 J	mg/kg	J
	SO-17322-101007-CB-021							0.39 J	mg/kg	J
	SO-17322-101007-CB-022							0.27 U	mg/kg	UJ
	SO-17322-101007-CB-023							0.22 U	mg/kg	UJ
	SO-17322-101007-CB-024							0.51 J	mg/kg	J
Metals	SO-17322-101107-CB-025	Antimony	63	68	8.8	75-125	20	0.10 B	mg/kg	J
	SO-17322-101107-CB-028							0.18 U	mg/kg	UJ
	SO-17322-101107-CB-030							0.18 U	mg/kg	UJ
	SO-17322-101107-CB-031							0.091 B	mg/kg	J
	SO-17322-101207-CB-033							0.095 B	mg/kg	J
	SO-17322-101207-CB-036							0.16 B	mg/kg	J
	SO-17322-101207-CB-037							0.13 B	mg/kg	J
	SO-17322-101207-CB-040							0.10 B	mg/kg	J
	SO-17322-101207-CB-042							0.12 B	mg/kg	J
Metals	SO-17322-101107-CB-025	Mercury	70	103	35	11-192	20	0.015 B	mg/kg	J
	SO-17322-101107-CB-028							0.014 B	mg/kg	J
	SO-17322-101107-CB-031							0.015 B	mg/kg	J
	SO-17322-101207-CB-033							0.015 B	mg/kg	J
	SO-17322-101207-CB-036							0.032 B	mg/kg	J
	SO-17322-101207-CB-037							0.027 B	mg/kg	J
	SO-17322-101207-CB-040							0.021 B	mg/kg	J
	SO-17322-101207-CB-042							0.023 B	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-101107-CB-025	Zinc	293	195	30	10-199	20	28.2 J	mg/kg	J
	SO-17322-101107-CB-028							8.6 J	mg/kg	J
	SO-17322-101107-CB-030							25.8 J	mg/kg	J
	SO-17322-101107-CB-031							27.5 J	mg/kg	J
	SO-17322-101207-CB-033							28.7 J	mg/kg	J
	SO-17322-101207-CB-036							33.7 J	mg/kg	J
	SO-17322-101207-CB-037							34.4 J	mg/kg	J
	SO-17322-101207-CB-040							23.9 J	mg/kg	J
	SO-17322-101207-CB-042							33.1 J	mg/kg	J
Metals	SO-17322-101507-CB-045	Antimony	74	82	9.1	75-125	20	0.17 U	mg/kg	UJ
	SO-17322-101507-CB-048							0.19 U	mg/kg	UJ
Metals	SO-17322-101507-CB-045	Magnesium	108	0	NC	75-125	20	19400	mg/kg	J
	SO-17322-101507-CB-048							19800	mg/kg	J
Metals	SO-17322-101507-CB-045	Zinc	46	118	23	10-199	20	24.3 J	mg/kg	J
	SO-17322-101507-CB-048							31.9 J	mg/kg	J
Metals	SO-17322-101607-CB-051	Antimony	50	50	0.42	75-125	20	5.5 J	mg/kg	J
	SO-17322-101607-CB-053							0.18 U	mg/kg	UJ
	SO-17322-101607-CB-056							0.18 U	mg/kg	UJ
	SO-17322-101607-CB-058							0.19 U	mg/kg	UJ
	SO-17322-101607-CB-061							0.18 U	mg/kg	UJ
	SO-17322-101607-CB-064							0.18 U	mg/kg	UJ
Metals	SO-17322-101607-CB-051	Magnesium	0	0	0	75-125	20	830 J	mg/kg	J
	SO-17322-101607-CB-053							11700 J	mg/kg	J
	SO-17322-101607-CB-056							14200 J	mg/kg	J
	SO-17322-101607-CB-058							7270 J	mg/kg	J
	SO-17322-101607-CB-061							17700 J	mg/kg	J
	SO-17322-101607-CB-064							3040 J	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-101607-CB-051	Zinc	362	329	7.6	10-199	20	25.4 J	mg/kg	J
	SO-17322-101607-CB-053							9.9 J	mg/kg	J
	SO-17322-101607-CB-056							40.2 J	mg/kg	J
	SO-17322-101607-CB-058							21.7 J	mg/kg	J
	SO-17322-101607-CB-061							44.1 J	mg/kg	J
	SO-17322-101607-CB-064							43.8 J	mg/kg	J
Metals	SO-17322-101707-CB-067	Antimony	65	56	15	75-125	20	0.17 U	mg/kg	UJ
	SO-17322-101707-CB-069							0.18 U	mg/kg	UJ
	SO-17322-101707-CB-070							0.18 U	mg/kg	UJ
	SO-17322-101707-CB-072							0.18 U	mg/kg	UJ
	SO-17322-101707-CB-073							0.22 U	mg/kg	UJ
	SO-17322-101707-CB-077							0.63 J	mg/kg	J
	SO-17322-101707-CB-080							0.18 U	mg/kg	UJ
	SO-17322-101707-CB-082							0.17 U	mg/kg	UJ
	SO-17322-101707-CB-083							0.18 U	mg/kg	UJ
Metals	SO-17322-101707-CB-067	Magnesium	98	188	20	75-125	20	15800	mg/kg	J
	SO-17322-101707-CB-069							2090	mg/kg	J
	SO-17322-101707-CB-070							2370	mg/kg	J
	SO-17322-101707-CB-072							12100	mg/kg	J
	SO-17322-101707-CB-073							8400	mg/kg	J
	SO-17322-101707-CB-077							3660	mg/kg	J
	SO-17322-101707-CB-080							5520	mg/kg	J
	SO-17322-101707-CB-082							39700	mg/kg	J
	SO-17322-101707-CB-083							10800	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-101707-CB-067	Thallium	70	61	14	62-110	20	0.037 B	mg/kg	J
	SO-17322-101707-CB-069							0.046 B	mg/kg	J
	SO-17322-101707-CB-070							0.038 B	mg/kg	J
	SO-17322-101707-CB-072							0.068 B	mg/kg	J
	SO-17322-101707-CB-073							0.18	mg/kg	J
	SO-17322-101707-CB-077							0.036 B	mg/kg	J
	SO-17322-101707-CB-080							0.12	mg/kg	J
	SO-17322-101707-CB-082							0.21	mg/kg	J
	SO-17322-101707-CB-083							0.14	mg/kg	J
Metals	SO-17322-101707-CB-067	Zinc	149	74	28	10-199	20	16.9 J	mg/kg	J
	SO-17322-101707-CB-069							23.1 J	mg/kg	J
	SO-17322-101707-CB-070							33.0 J	mg/kg	J
	SO-17322-101707-CB-072							30.9 J	mg/kg	J
	SO-17322-101707-CB-073							65.5 J	mg/kg	J
	SO-17322-101707-CB-077							84.0 J	mg/kg	J
	SO-17322-101707-CB-080							35.1 J	mg/kg	J
	SO-17322-101707-CB-082							27.7 J	mg/kg	J
	SO-17322-101707-CB-083							44.1 J	mg/kg	J
Metals	SO-17322-101807-CB-085	Antimony	67	50	29	75-125	20	1.5 J	mg/kg	J
	SO-17322-101807-CB-086							2.5 J	mg/kg	J
	SO-17322-101807-CB-088							0.18 U	mg/kg	UJ
	SO-17322-101807-CB-089							0.32 J	mg/kg	J
Metals	SO-17322-101807-CB-085	Barium	163	93	42	75-125	20	84.6 J	mg/kg	J
	SO-17322-101807-CB-086							114 J	mg/kg	J
	SO-17322-101807-CB-088							48.5 J	mg/kg	J
	SO-17322-101807-CB-089							62.0 J	mg/kg	J
Metals	SO-17322-101807-CB-085	Cadmium	176	85	58	75-125	20	1.5	mg/kg	J
	SO-17322-101807-CB-086							7.8	mg/kg	J
	SO-17322-101807-CB-088							0.19	mg/kg	J
	SO-17322-101807-CB-089							0.47	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-101807-CB-085	Copper	559	101	82	75-125	20	67.1	mg/kg	J
	SO-17322-101807-CB-086							113	mg/kg	J
	SO-17322-101807-CB-088							11.4	mg/kg	J
	SO-17322-101807-CB-089							25.7	mg/kg	J
Metals	SO-17322-101807-CB-085	Magnesium	83	12	31	75-125	20	11100	mg/kg	J
	SO-17322-101807-CB-086							6070	mg/kg	J
	SO-17322-101807-CB-088							2580	mg/kg	J
	SO-17322-101807-CB-089							10200	mg/kg	J
Metals	SO-17322-101807-CB-085	Mercury	45	0	NC	11-192	20	0.44	mg/kg	J
Metals	SO-17322-101707-CB-077	Manganese	247	98	42	75-125	20	591 J	mg/kg	J
	SO-17322-101707-CB-078							96.6 J	mg/kg	J
Metals	SO-17322-120307-CB-091	Antimony	59	51	15	75-125	20	0.18 U	mg/kg	UJ
	SO-17322-120307-CB-096							0.19 U	mg/kg	UJ
	SO-17322-120307-CB-097							0.17 U	mg/kg	UJ
	SO-17322-120307-CB-100							0.17 U	mg/kg	UJ
	SO-17322-120307-CB-102							0.53 J	mg/kg	J
	SO-17322-120307-CB-105							0.18 U	mg/kg	UJ
	SO-17322-120307-CB-106							0.18 U	mg/kg	UJ
Metals	SO-17322-120407-CB-108	Antimony	43	48	9.9	75-125	20	0.16 B	mg/kg	J
	SO-17322-120407-CB-111							0.19 U	mg/kg	UJ
	SO-17322-120407-CB-114							0.18 U	mg/kg	UJ
Metals	SO-17322-120507-CB-117	Antimony	71	71	0.95	75-125	20	0.22	mg/kg	J
	SO-17322-120507-CB-120							0.18 U	mg/kg	UJ
	SO-17322-120507-CB-123							0.25	mg/kg	J
	SO-17322-120507-CB-124							0.15 B	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-120607-CB-126	Antimony	48	49	1.6	75-125	20	0.10 B	mg/kg	J
	SO-17322-120607-CB-128							0.46	mg/kg	J
	SO-17322-120707-CB-131							0.072 B	mg/kg	J
	SO-17322-120707-CB-134							0.078 B	mg/kg	J
	SO-17322-120707-CB-139							0.19 U	mg/kg	UJ
	SO-17322-120707-CB-141							0.18 U	mg/kg	UJ
Metals	SO-17322-120307-CB-094	Antimony	37	38	3.2	75-125	20	0.13 B	mg/kg	J
	SO-17322-120307-CB-098							0.087 B	mg/kg	J
	SO-17322-120307-CB-099							0.079 B	mg/kg	J
Metals	SO-17322-120307-CB-095	Antimony	37	37	1.6	75-125	20	0.081 B	mg/kg	J
Metals	SO-17322-120607-CB-126	Barium	157	91	45	75-125	20	46.5 J	mg/kg	J
	SO-17322-120607-CB-128							92.5 J	mg/kg	J
	SO-17322-120707-CB-131							71.2 J	mg/kg	J
	SO-17322-120707-CB-134							16.8 J	mg/kg	J
	SO-17322-120707-CB-139							7.1 J	mg/kg	J
	SO-17322-120707-CB-141							24.9 J	mg/kg	J
Metals	SO-17322-120607-CB-126	Beryllium	74	82	9.8	75-125	20	0.20	mg/kg	J
	SO-17322-120607-CB-128							0.19 U	mg/kg	UJ
	SO-17322-120707-CB-131							0.35	mg/kg	J
	SO-17322-120707-CB-134							0.18 U	mg/kg	UJ
	SO-17322-120707-CB-139							0.19 U	mg/kg	UJ
	SO-17322-120707-CB-141							0.18 U	mg/kg	UJ
Metals	SO-17322-120307-CB-094	Cadmium	77	73	4.9	75-125	20	0.32	mg/kg	J
	SO-17322-120307-CB-098							0.29	mg/kg	J
	SO-17322-120307-CB-099							0.22	mg/kg	J
Metals	SO-17322-120307-CB-094	Chromium	0	0	0	75-125	20	33.8	mg/kg	J
	SO-17322-120307-CB-098							15.2	mg/kg	J
	SO-17322-120307-CB-099							11.9	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-120607-CB-126	Chromium	141	114	14	75-125	20	14.7	mg/kg	J
	SO-17322-120607-CB-128							12.4	mg/kg	J
	SO-17322-120707-CB-131							17.9	mg/kg	J
	SO-17322-120707-CB-134							5.4	mg/kg	J
	SO-17322-120707-CB-139							5.6	mg/kg	J
	SO-17322-120707-CB-141							8.6	mg/kg	J
Metals	SO-17322-120307-CB-095	Chromium	73	93	13	75-125	20	15.3	mg/kg	J
Metals	SO-17322-120307-CB-094	Cobalt	74	79	7.3	75-125	20	4.8	mg/kg	J
	SO-17322-120307-CB-098							7.5	mg/kg	J
	SO-17322-120307-CB-099							6.1	mg/kg	J
Metals	SO-17322-120607-CB-126	Cobalt	73	83	11	75-125	20	7.9	mg/kg	J
	SO-17322-120607-CB-128							5.8	mg/kg	J
	SO-17322-120707-CB-131							9.1	mg/kg	J
	SO-17322-120707-CB-134							2.2	mg/kg	J
	SO-17322-120707-CB-139							2.1	mg/kg	J
	SO-17322-120707-CB-141							5.3	mg/kg	J
Metals	SO-17322-120307-CB-094	Copper	80	64	12	75-125	20	19.0	mg/kg	J
	SO-17322-120307-CB-098							15.8	mg/kg	J
	SO-17322-120307-CB-099							13.1	mg/kg	J
Metals	GW-17322-112707-CB-001	Iron	126	128	0.67	75-125	20	415	ug/L	J
	GW-17322-112707-CB-002							879	ug/L	J
	GW-17322-112707-CB-003							829	ug/L	J
	GW-17322-112707-CB-004							1030	ug/L	J
	GW-17322-112807-CB-007							125	ug/L	J
	GW-17322-112807-CB-008							1810	ug/L	J
	GW-17322-112807-CB-009							87.1 B	ug/L	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-120307-CB-091	Lead	77	73	4.6	75-125	20	8.8	mg/kg	J
	SO-17322-120307-CB-096							7.5	mg/kg	J
	SO-17322-120307-CB-097							16.2	mg/kg	J
	SO-17322-120307-CB-100							3.2	mg/kg	J
	SO-17322-120307-CB-102							18.7	mg/kg	J
	SO-17322-120307-CB-105							14.7	mg/kg	J
	SO-17322-120307-CB-106							8.6	mg/kg	J
Metals	SO-17322-120307-CB-091	Magnesium	22	39	9.6	75-125	20	10500 J	mg/kg	J
	SO-17322-120307-CB-096							8190 J	mg/kg	J
	SO-17322-120307-CB-097							16100 J	mg/kg	J
	SO-17322-120307-CB-100							14900 J	mg/kg	J
	SO-17322-120307-CB-102							10700 J	mg/kg	J
	SO-17322-120307-CB-105							11400 J	mg/kg	J
	SO-17322-120307-CB-106							10500 J	mg/kg	J
Metals	SO-17322-120607-CB-126	Magnesium	334	80	70	75-125	20	8810 J	mg/kg	J
	SO-17322-120607-CB-128							2410 J	mg/kg	J
	SO-17322-120707-CB-131							2880 J	mg/kg	J
	SO-17322-120707-CB-134							10100 J	mg/kg	J
	SO-17322-120707-CB-139							12200 J	mg/kg	J
	SO-17322-120707-CB-141							12900 J	mg/kg	J
Metals	SO-17322-120307-CB-095	Magnesium	66	101	10	75-125	20	14500 J	mg/kg	J
Metals	SO-17322-120407-CB-108	Magnesium	22	39	9.6	75-125	20	6840	mg/kg	J
	SO-17322-120407-CB-111							8270	mg/kg	J
	SO-17322-120407-CB-114							17000	mg/kg	J
Metals	SO-17322-120507-CB-117	Manganese	76	36	14	75-125	20	130	mg/kg	J
	SO-17322-120507-CB-120							373	mg/kg	J
	SO-17322-120507-CB-123							101	mg/kg	J
	SO-17322-120507-CB-124							91.8	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-120307-CB-094	Nickel	74	70	4	75-125	20	10.4	mg/kg	J
	SO-17322-120307-CB-098							21.6	mg/kg	J
	SO-17322-120307-CB-099							17.3	mg/kg	J
Metals	SO-17322-120307-CB-094	Vanadium	70	58	11	75-125	20	24.5	mg/kg	J
	SO-17322-120307-CB-098							21.1	mg/kg	J
	SO-17322-120307-CB-099							15.9	mg/kg	J
Metals	SO-17322-120307-CB-094	Zinc	24	152	29	75-125	20	38.9 J	mg/kg	J
	SO-17322-120307-CB-098							38.6 J	mg/kg	J
	SO-17322-120307-CB-099							33.6 J	mg/kg	J
Metals	GW-17322-112707-CB-002	Zinc	165	116	34	75-125	20	6.0 B	ug/L	J
	GW-17322-112707-CB-003							10.5 B	ug/L	J
	GW-17322-112707-CB-004							16.2 B	ug/L	J
	GW-17322-112807-CB-007							5.8 B	ug/L	J
	GW-17322-112807-CB-008							5.8 B	ug/L	J
Metals	SO-17322-120307-CB-091	Zinc	147	208	14	75-125	20	28.6 J	mg/kg	J
	SO-17322-120307-CB-096							42.6 J	mg/kg	J
	SO-17322-120307-CB-097							27.7 J	mg/kg	J
	SO-17322-120307-CB-100							20.1 J	mg/kg	J
	SO-17322-120307-CB-102							41.6 J	mg/kg	J
	SO-17322-120307-CB-105							29.9 J	mg/kg	J
	SO-17322-120307-CB-106							25.1 J	mg/kg	J
General Chemistry	SO-17322-100907-CB-007	Total Cyanide	75	97	21	50-134	20	0.36	mg/kg	J
	SO-17322-100907-CB-013							0.23	mg/kg	J
	SO-17322-100907-CB-014							0.48	mg/kg	J
	SO-17322-101007-CB-016							2.9	mg/kg	J
	SO-17322-101007-CB-017							0.31	mg/kg	J
	SO-17322-101007-CB-018							1.4	mg/kg	J
	SO-17322-101007-CB-020							0.13 B	mg/kg	J
	SO-17322-101007-CB-021							0.20 B	mg/kg	J
	SO-17322-101007-CB-022							0.12 B	mg/kg	J
	SO-17322-101007-CB-023							0.13 B	mg/kg	J
	SO-17322-101007-CB-024							0.18 B	mg/kg	J

TABLE 9

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES AND/OR RELATIVE PERCENT DIFFERENCE
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
General Chemistry	SO-17322-120307-CB-094	Trivalent Chromium	0	0	0	75-125	20	33.1	mg/kg	J
	SO-17322-120307-CB-098							13.4	mg/kg	J
	SO-17322-120307-CB-099							11.1	mg/kg	J
General Chemistry	SO-17322-120307-CB-095	Trivalent Chromium	73	93	13	75-125	20	15.3	mg/kg	J
General Chemistry	SO-17322-120607-CB-126	Trivalent Chromium	141	114	14	75-125	20	14.2	mg/kg	J
	SO-17322-120607-CB-128							10	mg/kg	J
	SO-17322-120707-CB-131							17.1	mg/kg	J
	SO-17322-120707-CB-134							5.1	mg/kg	J
	SO-17322-120707-CB-139							4.9	mg/kg	J
	SO-17322-120707-CB-141							8.6	mg/kg	J
General Chemistry	SO-17322-100907-CB-001	Trivalent Chromium	81	46	26	75-125	20	16.1	mg/kg	J
	SO-17322-100907-CB-004							27.8	mg/kg	J
	SO-17322-100907-CB-007							3.7	mg/kg	J
	SO-17322-100907-CB-011							6.0	mg/kg	J
	SO-17322-100907-CB-013							12.3	mg/kg	J
	SO-17322-100907-CB-014							10.7	mg/kg	J

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
UJ - Estimated report limit
R - Rejected

Laboratory Qualifiers:

B (inorganics) - Estimated results
J (inorganics) - Method blank contamination. The associated method blank contains target analytes at a reportable level.
J (organics) - Estimated results

TABLE 10

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCD %Rec*	*RPD (percent)*	*Control Limits*		*Sample Results*	*Units*	*Qualifier*
							%Rec	*%RPD*			
TCL VOC	Bromodichloromethane	10/11/07	SO-17322-101007-CB-017	72	70	2.6	72-125	30	91 U	µg/kg	UJ
			SO-17322-101007-CB-018						140 U	µg/kg	UJ
			SO-17322-101007-CB-019						89 U	µg/kg	UJ
TCL VOC	Dichlorodifluoromethane	10/11/07	SO-17322-101007-CB-017	49	48	2	50-150	20	91 U	µg/kg	UJ
			SO-17322-101007-CB-018						140 U	µg/kg	UJ
			SO-17322-101007-CB-019						89 U	µg/kg	UJ
TCL VOC	cis-1,3-Dichloropropene	10/11/07	SO-17322-101007-CB-017	66	61	7.3	71-125	30	46 U	µg/kg	UJ
			SO-17322-101007-CB-018						68 U	µg/kg	UJ
			SO-17322-101007-CB-019						44 U	µg/kg	UJ
TCL VOC	trans-1,3-Dichloropropene	10/11/07	SO-17322-101007-CB-017	57	58	1.5	67-125	30	46 U	µg/kg	UJ
			SO-17322-101007-CB-018						68 U	µg/kg	UJ
			SO-17322-101007-CB-019						44 U	µg/kg	UJ
TCL VOC	Methyl acetate	10/11/07	SO-17322-101007-CB-017	169	151	11	50-150	20	68 J	µg/kg	J
TCL VOC	1,1,1-Trichloroethane	10/11/07	SO-17322-101007-CB-017	64	70	8.5	67-123	30	46 U	µg/kg	UJ
			SO-17322-101007-CB-018						68 U	µg/kg	UJ
			SO-17322-101007-CB-019						44 U	µg/kg	UJ
TCL VOC	Dichlorodifluoromethane	12/04/07	SO-17322-120307-CB-096	25	31	20	50-150	20	190 U	µg/kg	UJ
			SO-17322-120307-CB-102						89 U	µg/kg	UJ
			TB-17322-120307-CB-001						80 U	µg/kg	UJ
TCL VOC	Methylene chloride	12/04/07	SO-17322-120307-CB-096	117	0.0	200	58-130	30	480 U	µg/kg	R
			SO-17322-120307-CB-102						220 U	µg/kg	R
			TB-17322-120307-CB-001						200 U	µg/kg	R
TCL VOC	4-Methyl-2-pentanone	01/11/07	GW-17322-010808-CB-010	74	75	1.2	78-141	32	50 U	µg/L	UJ
			GW-17322-010808-CB-011						50 U	µg/L	UJ
			GW-17322-010808-CB-012						50 U	µg/L	UJ
			GW-17322-010808-CB-013						50 U	µg/L	UJ
			GW-17322-010808-CB-014						50 U	µg/L	UJ
			GW-17322-010808-CB-015						50 U	µg/L	UJ
			TB-17322-010808-CB-001						50 U	µg/L	UJ

TABLE 10

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCD %Rec*	*RPD (percent)*	*Control Limits %Rec*	*Control Limits %RPD*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	4-Methyl-2-pentanone	01/14/07	GW-17322-010908-CB-016	75	73	2.8	78-141	32	50 U	µg/L	UJ
			GW-17322-010908-CB-017						50 U	µg/L	UJ
			TB-17322-010908-CB-001						50 U	µg/L	UJ
TCL VOC	1,2,4-Trichlorobenzene	01/14/07	GW-17322-010908-CB-016	71	67	5.5	70-130	30	5.0 U	µg/L	UJ
			GW-17322-010908-CB-017						5.0 U	µg/L	UJ
			TB-17322-010908-CB-001						5.0 U	µg/L	UJ
TCL SVOC	Hexachlorocyclopentadiene	12/04/07	GW-17322-112807-CB-007	0	NA	NA	10-110	NA	5.0 U	µg/L	R
			GW-17322-112807-CB-008						5.0 U	µg/L	R
			GW-17322-112807-CB-009						25 U	µg/L	R
TCL SVOC	Hexachlorocyclopentadiene	12/06/07	GW-17322-112707-CB-001	5	NA	NA	10-110	NA	5.0 U	µg/L	R
			GW-17322-112707-CB-002						5.0 U	µg/L	R
			GW-17322-112707-CB-004						6.1 U	µg/L	R
			GW-17322-112707-CB-005						5.0 U	µg/L	R
			GW-17322-112707-CB-006						6.0 U	µg/L	R
TCL SVOC	Hexachlorocyclopentadiene	12/05/07	GW-17322-112707-CB-003	8.3	NA	NA	10-110	NA	5.0 U	µg/L	R
TCL SVOC	Pyridine	12/26/2007	SO-17322-120307-CB-095	14	NA	NA	22-110	NA	110 U	µg/kg	UJ
TCL SVOC	Dimethyl phthalate	12/05/07	GW-17322-112707-CB-003	14	NA	NA	15-143	NA	1.0 U	µg/L	UJ
TCL SVOC	4,6-Dinitro-2-methylphenol	10/19/2007	SO-17322-101507-CB-045	16	NA	NA	21-110	NA	160 U	µg/kg	UJ
			SO-17322-101507-CB-048						180 U	µg/kg	UJ
			SO-17322-101607-CB-051						180 U	µg/kg	UJ
			SO-17322-101607-CB-053						170 U	µg/kg	R [1]
			SO-17322-101607-CB-056						170 U	µg/kg	UJ
			SO-17322-101607-CB-058						180 U	µg/kg	UJ
			SO-17322-101607-CB-061						820 U	µg/kg	UJ
			SO-17322-101607-CB-064						170 U	µg/kg	UJ
TCL SVOC	3,3'-Dichlorobenzidine	12/12/2007	SO-17322-120707-CB-131	30	NA	NA	31-110	NA	120 U	µg/kg	UJ
			SO-17322-120707-CB-134						110 U	µg/kg	UJ
			SO-17322-120707-CB-139						120 U	µg/kg	UJ

TABLE 10

SUMMARY OF QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCD %Rec*	*RPD (percent)*	*Control Limits*		*Sample Results*	*Units*	*Qualifier*
							%Rec	*%RPD*			
TCL SVOC	Hexachloroethane	12/26/2007	SO-17322-120307-CB-095	33	NA	NA	38-110	NA	57 U	µg/kg	UJ
	bis(2-Chloroethyl)ether			38	NA	NA	41-110	NA	110 U	µg/kg	UJ
	Acetophenone			46	NA	NA	50-130	NA	110 U	µg/kg	UJ
TCL SVOC	2,4,5-Trichlorophenol	12/18/07	SO-17322-120707-CB-141	37	NA	NA	42-110	NA	160 U	µg/kg	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated report limit
R - Rejected
(1) Qualification based on further validation of non-compliant quality control parameters.

TABLE 11

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-100907-CB-007	Chlorobenzene-d5	24.7	50-200	1,1,2-Trichloroethane	4.3 U	µg/kg	UJ
					1,2-Dibromoethane	4.3 U	µg/kg	UJ
					2-Hexanone	17 U	µg/kg	UJ
					Bromoform	4.3 U	µg/kg	UJ
					Chlorobenzene	4.3 U	µg/kg	UJ
					Dibromochloromethane	4.3 U	µg/kg	UJ
					Ethylbenzene	4.3 U	µg/kg	UJ
					Isopropylbenzene	4.3 U	µg/kg	UJ
					Styrene	4.3 U	µg/kg	UJ
					Tetrachloroethene	4.3 U	µg/kg	UJ
					Toluene	4.3 U	µg/kg	UJ
					trans-1,3-Dichloropropene	4.3 U	µg/kg	UJ
					Xylene (total)	8.7 U	µg/kg	UJ
TCL VOC	SO-17322-100907-CB-007	1,4-Dichlorobenzene-d4	8.2	50-200	1,1,2,2-Tetrachloroethane	4.3 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.3 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.3 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	8.7 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.3 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.3 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.3 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.3 U	µg/kg	UJ
TCL VOC	SO-17322-100907-CB-014	1,4-Dichlorobenzene-d4	41.2	50-200	1,1,2,2-Tetrachloroethane	3.7 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	3.7 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	3.7 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	7.4 U	µg/kg	UJ
					1,2-Dichlorobenzene	3.7 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	3.7 U	µg/kg	UJ
					1,3-Dichlorobenzene	3.7 U	µg/kg	UJ
					1,4-Dichlorobenzene	3.7 U	µg/kg	UJ
TCL VOC	SO-17322-101007-CB-015	1,4-Dichlorobenzene-d4	43.8	50-200	1,1,2,2-Tetrachloroethane	4.6 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.6 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.6 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	9.2 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.6 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.6 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.6 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.6 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-101007-CB-016	1,4-Dichlorobenzene-d4	29.2	50-200	1,1,2,2-Tetrachloroethane	4.7 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.7 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.7 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	9.4 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.7 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.7 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.7 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.7 U	µg/kg	UJ
TCL VOC	SO-17322-101007-CB-021	1,4-Dichlorobenzene-d4	33.7	50-200	1,1,2,2-Tetrachloroethane	5.3 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	5.3 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	5.3 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	11 U	µg/kg	UJ
					1,2-Dichlorobenzene	5.3 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	5.3 U	µg/kg	UJ
					1,3-Dichlorobenzene	5.3 U	µg/kg	UJ
					1,4-Dichlorobenzene	5.3 U	µg/kg	UJ
TCL VOC	SO-17322-101007-CB-024	1,4-Dichlorobenzene-d4	37.3	50-200	1,1,2,2-Tetrachloroethane	4.8 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.8 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.8 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	9.6 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.8 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.8 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.8 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.8 U	µg/kg	UJ
TCL VOC	SO-17322-101107-CB-028	Chlorobenzene-d5	44.7	50-200	1,1,2-Trichloroethane	3.5 U	µg/kg	UJ
					1,2-Dibromoethane	3.5 U	µg/kg	UJ
					2-Hexanone	14 U	µg/kg	UJ
					Bromoform	3.5 U	µg/kg	UJ
					Chlorobenzene	3.5 U	µg/kg	UJ
					Dibromochloromethane	3.5 U	µg/kg	UJ
					Ethylbenzene	3.5 U	µg/kg	UJ
					Isopropylbenzene	3.5 U	µg/kg	UJ
					Styrene	3.5 U	µg/kg	UJ
					Tetrachloroethene	3.5 U	µg/kg	UJ
					Toluene	3.5 U	µg/kg	UJ
					trans-1,3-Dichloropropene	3.5 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-101107-CB-028	1,4-Dichlorobenzene-d4	19.4	50-200	1,1,2,2-Tetrachloroethane	3.5 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	3.5 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	3.5 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	7.0 U	µg/kg	UJ
					1,2-Dichlorobenzene	3.5 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	3.5 U	µg/kg	UJ
					1,3-Dichlorobenzene	3.5 U	µg/kg	UJ
					1,4-Dichlorobenzene	3.5 U	µg/kg	UJ
TCL VOC	SO-17322-101707-CB-069	1,4-Dichlorobenzene-d4	26.7	50-200	1,1,2,2-Tetrachloroethane	3.8 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	3.8 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	2.5 J	µg/kg	J
					1,2-Dibromo-3-chloropropane	7.5 U	µg/kg	UJ
					1,2-Dichlorobenzene	3.8 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	2.2 J	µg/kg	J
					1,3-Dichlorobenzene	3.8 U	µg/kg	UJ
					1,4-Dichlorobenzene	3.8 U	µg/kg	UJ
TCL VOC	SO-17322-101707-CB-072	Chlorobenzene-d5	47.5	50-200	1,1,2-Trichloroethane	4.0 U	µg/kg	UJ
					1,2-Dibromoethane	4.0 U	µg/kg	UJ
					2-Hexanone	16 U	µg/kg	UJ
					Bromoform	4.0 U	µg/kg	UJ
					Chlorobenzene	4.0 U	µg/kg	UJ
					Dibromochloromethane	4.0 U	µg/kg	UJ
					Ethylbenzene	4.0 U	µg/kg	UJ
					Isopropylbenzene	4.0 U	µg/kg	UJ
					Styrene	4.0 U	µg/kg	UJ
					Tetrachloroethene	4.0 U	µg/kg	UJ
					Toluene	4.0 U	µg/kg	UJ
					trans-1,3-Dichloropropene	4.0 U	µg/kg	UJ
					Xylene (total)	8.0 U	µg/kg	UJ
TCL VOC	SO-17322-101707-CB-072	1,4-Dichlorobenzene-d4	27.7	50-200	1,1,2,2-Tetrachloroethane	4.0 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.0 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.0 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	8.0 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.0 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.0 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.0 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.0 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-101707-CB-080	1,4-Dichlorobenzene-d4	49.9	50-200	1,1,2,2-Tetrachloroethane	4.0 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.0 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.0 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	8.1 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.0 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.0 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.0 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.0 U	µg/kg	UJ
TCL VOC	SO-17322-101707-CB-083	1,4-Dichlorobenzene-d4	44.5	50-200	1,1,2,2-Tetrachloroethane	4.1 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.1 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.1 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	8.2 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.1 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.1 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.1 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.1 U	µg/kg	UJ
TCL VOC	SO-17322-101707-CB-070	Chlorobenzene-d5	43.0	50-200	1,1,2-Trichloroethane	4.7 U	µg/kg	UJ
					1,2-Dibromoethane	4.7 U	µg/kg	UJ
					2-Hexanone	19 U	µg/kg	UJ
					Bromoform	4.7 U	µg/kg	UJ
					Chlorobenzene	4.7 U	µg/kg	UJ
					Dibromochloromethane	4.7 U	µg/kg	UJ
					Ethylbenzene	4.7 U	µg/kg	UJ
					Isopropylbenzene	4.7 U	µg/kg	UJ
					Styrene	4.7 U	µg/kg	UJ
					Tetrachloroethene	4.7 U	µg/kg	UJ
					Toluene	0.56 J	µg/kg	J
					trans-1,3-Dichloropropene	4.7 U	µg/kg	UJ
					Xylene (total)	0.87 J	µg/kg	J
TCL VOC	SO-17322-101707-CB-070	1,4-Dichlorobenzene-d4	20.6	50-200	1,1,2,2-Tetrachloroethane	4.7 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.7 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.7 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	9.4 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.7 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.7 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.7 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.7 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-101707-CB-073	1,4-Dichlorobenzene-d4	43.1	50-200	1,1,2,2-Tetrachloroethane	5.5 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	5.5 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	5.5 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	11 U	µg/kg	UJ
					1,2-Dichlorobenzene	5.5 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	5.5 U	µg/kg	UJ
					1,3-Dichlorobenzene	5.5 U	µg/kg	UJ
					1,4-Dichlorobenzene	5.5 U	µg/kg	UJ
TCL VOC	SO-17322-101807-CB-086	1,4-Dichlorobenzene-d4	31.6	50-200	1,1,2,2-Tetrachloroethane	4.4 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.4 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.4 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	8.8 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.4 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.4 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.4 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.4 U	µg/kg	UJ
TCL VOC	SO-17322-101807-CB-088	1,4-Dichlorobenzene-d4	36.4	50-200	1,1,2,2-Tetrachloroethane	3.0 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	3.0 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	2.0 J	µg/kg	J
					1,2-Dibromo-3-chloropropane	5.9 U	µg/kg	UJ
					1,2-Dichlorobenzene	3.0 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	0.68 J	µg/kg	J
					1,3-Dichlorobenzene	3.0 U	µg/kg	UJ
					1,4-Dichlorobenzene	3.0 U	µg/kg	UJ
TCL VOC	SO-17322-101807-CB-089	1,4-Dichlorobenzene-d4	35.0	50-200	1,1,2,2-Tetrachloroethane	4.4 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.4 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.4 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane	8.8 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.4 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.4 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.4 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.4 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-120407-CB-111	Chlorobenzene-d5	47.0	50-200	1,1,2-Trichloroethane	5.4 U	µg/kg	UJ
					1,2-Dibromoethane	5.4 U	µg/kg	UJ
					2-Hexanone	21 U	µg/kg	UJ
					Bromoform	5.4 U	µg/kg	UJ
					Chlorobenzene	5.4 U	µg/kg	UJ
					Dibromochloromethane	5.4 U	µg/kg	UJ
					Ethylbenzene	5.4 U	µg/kg	UJ
					Isopropylbenzene	5.4 U	µg/kg	UJ
					Styrene	5.4 U	µg/kg	UJ
					Tetrachloroethene	5.4 U	µg/kg	UJ
					Toluene	5.4 U	µg/kg	UJ
					trans-1,3-Dichloropropene	5.4 U	µg/kg	UJ
					Xylene (total)	11 U	µg/kg	UJ
TCL VOC	SO-17322-120507-CB-117	Fluorobenzene	49.6	50-200	1,1,1-Trichloroethane	5.1 U	µg/kg	UJ
					1,1-Dichloroethane	5.1 U	µg/kg	UJ
					1,1-Dichloroethene	5.1 U	µg/kg	UJ
					1,2-Dichloroethane	5.1 U	µg/kg	UJ
					1,2-Dichloropropane	5.1 U	µg/kg	UJ
					2-Butanone	1.8 J	µg/kg	J
					4-Methyl-2-Pentanone	21 U	µg/kg	UJ
					Acetone	21 U	µg/kg	UJ
					Benzene	5.1 U	µg/kg	UJ
					Bromodichloromethane	5.1 U	µg/kg	UJ
					Bromomethane	5.1 U	µg/kg	UJ
					Carbon disulfide	5.1 U	µg/kg	UJ
					Carbon tetrachloride	5.1 U	µg/kg	UJ
					Chloroethane	5.1 U	µg/kg	UJ
					Chloroform	5.1 U	µg/kg	UJ
					Chloromethane	5.1 U	µg/kg	UJ
					cis-1,2-Dichloroethene	5.1 U	µg/kg	UJ
					cis-1,3-Dichloropropene	5.1 U	µg/kg	UJ
					Cyclohexane	10 U	µg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	5.1 U	µg/kg	UJ
					Methyl acetate	10 U	µg/kg	R*
					Methyl cyclohexane	10 U	µg/kg	UJ
					Methyl Tert Butyl Ether	21 U	µg/kg	UJ
					Methylene chloride	5.1 U	µg/kg	UJ
					trans-1,2-Dichloroethene	5.1 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-120507-CB-117 (cont.)	Fluorobenzene	49.6	50-200	Trichloroethene	5.1 U	µg/kg	UJ
					Trichlorofluoromethane (CFC-11)	5.1 U	µg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	5.1 U	µg/kg	UJ
					Vinyl chloride	5.1 U	µg/kg	UJ
TCL VOC	SO-17322-120507-CB-117	Chlorobenzene-d5	47.0	50-200	1,1,2-Trichloroethane	5.1 U	µg/kg	UJ
					1,2-Dibromoethane	5.1 U	µg/kg	UJ
					2-Hexanone	21 U	µg/kg	UJ
					Bromoform	5.1 U	µg/kg	UJ
					Chlorobenzene	5.1 U	µg/kg	UJ
					Dibromochloromethane	5.1 U	µg/kg	UJ
					Ethylbenzene	5.1 U	µg/kg	UJ
					Isopropylbenzene	5.1 U	µg/kg	UJ
					Styrene	5.1 U	µg/kg	UJ
					Tetrachloroethene	5.1 U	µg/kg	UJ
					Toluene	5.1 U	µg/kg	UJ
					trans-1,3-Dichloropropene	5.1 U	µg/kg	UJ
					Xylene (total)	10 U	µg/kg	UJ
TCL VOC	SO-17322-120507-CB-120	Chlorobenzene-d5	48.0	50-200	1,1,2-Trichloroethane	4.1 U	µg/kg	UJ
					1,2-Dibromoethane	4.1 U	µg/kg	UJ
					2-Hexanone	17 U	µg/kg	UJ
					Bromoform	4.1 U	µg/kg	UJ
					Chlorobenzene	4.1 U	µg/kg	UJ
					Dibromochloromethane	4.1 U	µg/kg	UJ
					Ethylbenzene	21	µg/kg	J
					Isopropylbenzene	4.1 U	µg/kg	UJ
					Styrene	4.1 U	µg/kg	UJ
					Tetrachloroethene	2.1 J	µg/kg	J
					Toluene	4.1 U	µg/kg	UJ
					trans-1,3-Dichloropropene	4.1 U	µg/kg	UJ
					Xylene (total)	2.0 J	µg/kg	J
TCL VOC	SO-17322-120607-CB-128	Chlorobenzene-d5	36.1	50-200	1,1,2-Trichloroethane	4.6 U	µg/kg	UJ
					1,2-Dibromoethane	4.6 U	µg/kg	UJ
					2-Hexanone	18 U	µg/kg	UJ
					Bromoform	4.6 U	µg/kg	UJ
					Chlorobenzene	4.6 U	µg/kg	UJ
					Dibromochloromethane	4.6 U	µg/kg	UJ
					Ethylbenzene	4.6 U	µg/kg	UJ

TABLE 11

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-120607-CB-128 (cont.)	Chlorobenzene-d5	36.1	50-200	Isopropylbenzene	4.6 U	µg/kg	UJ
					Styrene	4.6 U	µg/kg	UJ
					Tetrachloroethene	4.6 U	µg/kg	UJ
					Toluene	0.36 J	µg/kg	J
					trans-1,3-Dichloropropene	4.6 U	µg/kg	UJ
					Xylene (total)	9.2 U	µg/kg	UJ
TCL VOC	SO-17322-120707-CB-141	Chlorobenzene-d5	29.3	50-200	1,1,2-Trichloroethane	4.1 U	µg/kg	UJ
					1,2-Dibromoethane	4.1 U	µg/kg	UJ
					2-Hexanone	16 U	µg/kg	UJ
					Bromoform	4.1 U	µg/kg	UJ
					Chlorobenzene	4.1 U	µg/kg	UJ
					Dibromochloromethane	4.1 U	µg/kg	UJ
					Ethylbenzene	4.1 U	µg/kg	UJ
					Isopropylbenzene	4.1 U	µg/kg	UJ
					Styrene	4.1 U	µg/kg	UJ
					Tetrachloroethene	4.1 U	µg/kg	UJ
					Toluene	4.1 U	µg/kg	UJ
					trans-1,3-Dichloropropene	4.1 U	µg/kg	UJ
					Xylene (total)	8.1 U	µg/kg	UJ
TCL SVOC	SO-17322-101007-CB-023	All Internal Standards	<50%	50-200	4-Nitroaniline	220 U	µg/kg	UJ
					4-Nitrophenol	370 U	µg/kg	UJ
					Benzaldehyde	110 U	µg/kg	UJ
					4-Bromophenyl phenyl ether	56 U	µg/kg	UJ
					Caprolactam	370 U	µg/kg	UJ
					2,4-Dimethylphenol	170 U	µg/kg	UJ
					4-Methylphenol	220 U	µg/kg	UJ
					4-Chloroaniline	170 U	µg/kg	UJ
					bis(2-chloroisopropyl) ether	110 U	µg/kg	UJ
					Phenol	56 U	µg/kg	UJ
					Pyridine	110 U	µg/kg	UJ
TCL SVOC	SO-17322-101007-CB-023	All Internal Standards	<50%	50-200	bis(2-Chloroethyl)ether	110 U	µg/kg	UJ
					bis(2-Chloroethoxy)methane	110 U	µg/kg	UJ
					bis(2-Ethylhexyl)phthalate	64 B	µg/kg	UJ
					Di-n-octyl phthalate	56 U	µg/kg	UJ
					Hexachlorobenzene	7.5 U	µg/kg	UJ
					Anthracene	66	µg/kg	J
					2,4-Dichlorophenol	170 U	µg/kg	UJ

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL SVOC	SO-17322-101007-CB-023 (cont.)	All Internal Standards	<50%	50-200	2,4-Dinitrotoluene	220 U	µg/kg	UJ
					Pyrene	370	µg/kg	J
					Dimethyl phthalate	56 U	µg/kg	UJ
					Dibenzofuran	53 J	µg/kg	J
					Benzo(g,h,i)perylene	180	µg/kg	J
					Atrazine	220 U	µg/kg	UJ
					Indeno(1,2,3-cd)pyrene	150	µg/kg	J
					Benzo(b)fluoranthene	300	µg/kg	J
					Fluoranthene	440	µg/kg	J
					Benzo(k)fluoranthene	120	µg/kg	J
					Acenaphthylene	22	µg/kg	J
					Chrysene	260	µg/kg	J
					Benzo(a)pyrene	210	µg/kg	J
					2,4-Dinitrophenol	370 U	µg/kg	UJ
					Dibenz(a,h)anthracene	43	µg/kg	J
					4,6-Dinitro-2-methylphenol	170 U	µg/kg	UJ
					Benzo(a)anthracene	200	µg/kg	J
					4-Chloro-3-methylphenol	170 U	µg/kg	UJ
					2,6-Dinitrotoluene	220 U	µg/kg	UJ
					N-Nitrosodi-n-propylamine	56 U	µg/kg	UJ
					Hexachloroethane	56 U	µg/kg	UJ
					4-Chlorophenyl phenyl ether	56 U	µg/kg	UJ
					Hexachlorocyclopentadiene	370 U	µg/kg	UJ
					Isophorone	56 U	µg/kg	UJ
					Acenaphthene	34	µg/kg	J
					Diethyl phthalate	56 U	µg/kg	UJ
					Di-n-butylphthalate	56 U	µg/kg	UJ
					Phenanthrene	300	µg/kg	J
					Butyl benzylphthalate	56 U	µg/kg	UJ
					N-Nitrosodiphenylamine	56 U	µg/kg	UJ
					Fluorene	40	µg/kg	J
					Carbazole	43 J	µg/kg	J
					Hexachlorobutadiene	56 U	µg/kg	UJ
					Pentachlorophenol	170 U	µg/kg	UJ
					2,4,6-Trichlorophenol	170 U	µg/kg	UJ
					2-Nitroaniline	220 U	µg/kg	UJ
					2-Nitrophenol	56 U	µg/kg	UJ
					Naphthalene	110	µg/kg	J
					2-Methylnaphthalene	160	µg/kg	J

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF INTERNAL STANDARD RECOVERY ACCEPTANCE CRITERIA
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Sample ID*	*Internal Standard (IS)*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL SVOC	SO-17322-101007-CB-023 (cont.)	All Internal Standards	<50%	50-200	2-Chloronaphthalene	56 U	µg/kg	UJ
					3,3'-Dichlorobenzidine	110 U	µg/kg	UJ
					Biphenyl	56 U	µg/kg	UJ
					2-Methylphenol	220 U	µg/kg	UJ
					2-Chlorophenol	56 U	µg/kg	UJ
					2,4,5-Trichlorophenol	170 U	µg/kg	UJ
					Acetophenone	110 U	µg/kg	UJ
					Nitrobenzene	110 U	µg/kg	UJ
					3-Nitroaniline	220 U	µg/kg	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated report limit
R* - Results rejected due to Initial and Continuing Calibration non-compliance

TABLE 12

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF ICP SERIAL DILUTION CONTROL LIMITS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analyte*	*Serial Dilution Sample ID*	*%D*	*Associated Sample I.D.*	*Sample Results*	*Units*	*Qualifier*
Metals	Chromium	SO-17322-100907-CB-001	10.8	SO-17322-100907-CB-001	16.6 E	mg/kg	J
				SO-17322-100907-CB-004	27.8	mg/kg	J
				SO-17322-100907-CB-007	4.4	mg/kg	J
				SO-17322-100907-CB-011	6.5	mg/kg	J
				SO-17322-100907-CB-013	12.3	mg/kg	J
				SO-17322-100907-CB-014	10.7	mg/kg	J
Metals	Cobalt	SO-17322-100907-CB-001	15.6	SO-17322-100907-CB-001	7.5 E	mg/kg	J
				SO-17322-100907-CB-004	8.5	mg/kg	J
				SO-17322-100907-CB-007	2.6	mg/kg	J
				SO-17322-100907-CB-011	5.8	mg/kg	J
				SO-17322-100907-CB-013	6.4	mg/kg	J
				SO-17322-100907-CB-014	6.0	mg/kg	J
Metals	Nickel	SO-17322-100907-CB-001	13.7	SO-17322-100907-CB-001	16.9 E	mg/kg	J
				SO-17322-100907-CB-004	32.8	mg/kg	J
				SO-17322-100907-CB-007	4.1	mg/kg	J
				SO-17322-100907-CB-011	12.9	mg/kg	J
				SO-17322-100907-CB-013	17.1	mg/kg	J
				SO-17322-100907-CB-014	15.0	mg/kg	J
Metals	Potassium	SO-17322-101507-CB-045	13.9	SO-17322-101507-CB-045	313 BJE	mg/kg	J
				SO-17322-101507-CB-048	497 J	mg/kg	J
Metals	Lead	SO-17322-101807-CB-087	13.4	SO-17322-101807-CB-087	14.5	mg/kg	J
Metals	Potassium	GW-17322-112807-CB-009	15.4	GW-17322-112707-CB-001	7770 J	ug/L	J
				GW-17322-112707-CB-002	1860 J	ug/L	J
				GW-17322-112707-CB-003	2370 J	ug/L	J
				GW-17322-112707-CB-004	4960 J	ug/L	J
				GW-17322-112707-CB-005	6320 J	ug/L	J
				GW-17322-112707-CB-006	6020 J	ug/L	J
				GW-17322-112807-CB-007	7370 J	ug/L	J
				GW-17322-112807-CB-008	5270 J	ug/L	J
				GW-17322-112807-CB-009	11000 JE	ug/L	J

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO VIOLATION OF ICP SERIAL DILUTION CONTROL LIMITS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analyte*	*Serial Dilution Sample ID*	*%D*	*Associated Sample I.D.*	*Sample Results*	*Units*	*Qualifier*
Metals	Beryllium	SO-17322-120407-CB-108	17.4	SO-17322-120407-CB-108	0.53 E	mg/kg	J
				SO-17322-120407-CB-111	0.39	mg/kg	J
				SO-17322-120407-CB-114	0.17 B	mg/kg	J
Metals	Cobalt	SO-17322-120407-CB-108	12.6	SO-17322-120407-CB-108	8.1 E	mg/kg	J
				SO-17322-120407-CB-111	5.3	mg/kg	J
				SO-17322-120407-CB-114	3.1	mg/kg	J
Metals	Lead	SO-17322-120407-CB-108	12.3	SO-17322-120407-CB-108	10.3 E	mg/kg	J
				SO-17322-120407-CB-111	15.5	mg/kg	J
				SO-17322-120407-CB-114	3.8	mg/kg	J
General Chemistry	Trivalent Chromium	SO-17322-100907-CB-001	10.8	SO-17322-100907-CB-001	16.1	mg/kg	J
				SO-17322-100907-CB-004	27.8	mg/kg	J
				SO-17322-100907-CB-007	3.7	mg/kg	J
				SO-17322-100907-CB-011	6.0	mg/kg	J
				SO-17322-100907-CB-013	12.3	mg/kg	J
				SO-17322-100907-CB-014	10.7	mg/kg	J

Notes:

J - Estimated concentration

Laboratory Qualifiers:

B (inorganics) - Estimated results
J (inorganics) - Method blank contamination. The associated method blank contains target analytes at a reportable level.
E (inorganics) - Serial dilution outlier

TABLE 13

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-100907-CB-013				*SO-17322-100907-CB-014*							
TCL VOC	Acetone	7.0 J	14	28	70	8.1 J	15	30	75	1.1	NA	µg/kg	None
	Carbon disulfide	3.5 U	14	28	70	4.1	3.7	7.4	19	NC	NA	µg/kg	None
Metals	Aluminum	6240	17.9	35.8	89.5	5130	17.9	35.8	89.5	NA	20	mg/kg	None
	Antimony	0.067 J	0.18	0.36	0.90	0.098 J	0.18	0.36	0.90	0.031	NA	mg/kg	None
	Arsenic	2.2 J	0.089	0.178	0.445	0.57 J	0.089	0.178	0.445	NA	118	mg/kg	J
	Barium	42.5	0.89	1.78	4.45	29.9	0.89	1.78	4.45	NA	35	mg/kg	None
	Beryllium	0.16 J	0.18	0.36	0.90	0.12 J	0.18	0.36	0.90	0.04	NA	mg/kg	None
	Cadmium	0.091	0.089	0.178	0.445	0.084 J	0.089	0.178	0.445	0.007	NA	mg/kg	None
	Calcium	65400 J	2240	4480	11200	63200 J	2240	4480	11200	NA	3.4	mg/kg	None
	Chromium	12.3 J	0.45	0.90	2.25	10.7 J	0.45	0.90	2.25	NA	14	mg/kg	None
	Cobalt	6.4 J	0.45	0.90	2.25	6.0 J	0.45	0.90	2.25	NA	6.5	mg/kg	None
	Copper	17.3 J	0.89	1.78	4.45	16.0 J	0.89	1.78	4.45	NA	7.8	mg/kg	None
	Iron	17000	8.9	17.8	44.5	14300	8.9	17.8	44.5	NA	17	mg/kg	None
	Lead	6.1	0.27	0.54	1.35	5.8	0.27	0.54	1.35	NA	5.0	mg/kg	None
	Magnesium	15100 J	89.4	178.8	447	14800 J	89.5	179.0	448	NA	2.0	mg/kg	None
	Manganese	315	0.89	1.78	4.45	291	0.89	1.78	4.45	NA	7.9	mg/kg	None
	Mercury	0.021 J	0.045	0.090	0.225	0.018 J	0.045	0.090	0.225	0.003	NA	mg/kg	None
	Nickel	17.1 J	0.89	1.78	4.45	15.0 J	0.89	1.78	4.45	NA	13	mg/kg	None
	Potassium	1170	447	894	2235	958	447	894	2235	212	NA	mg/kg	None
	Selenium	U	0.19	0.38	0.95	0.21	0.19	0.38	0.95	NC	NA	mg/kg	None
	Silver	0.10	0.089	0.178	0.445	0.078 J	0.089	0.178	0.445	0.022	NA	mg/kg	None
	Sodium	1170	89.4	178.8	447	1020	89.5	179.0	448	NA	14	mg/kg	None
	Thallium	0.11	0.089	0.178	0.445	0.079 J	0.089	0.178	0.445	0.031	NA	mg/kg	None
	Vanadium	20.5 J	0.89	1.78	4.45	15.6 J	0.89	1.78	4.45	NA	27	mg/kg	None
	Zinc	27.7 J	0.89	1.78	4.45	17.2 J	0.89	1.78	4.45	NA	47	mg/kg	None
General Chemistry	Total Cyanide	0.23 J	0.22	0.44	1.1	0.48 J	0.22	0.44	1.1	0.25	NA	mg/kg	None
General Chemistry	Trivalent Chromium	12.3 J	0.45	0.90	2.25	10.7 J	0.45	0.90	2.25	NA	14	mg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-101107-CB-030				*SO-17322-101107-CB-031*							
TCL VOC	Methylene chloride	3.0 J	3.9	7.8	20	0.66 J	4.7	9.4	24	2.3	NA	µg/kg	None
TCL SVOC	Phenanthrene	7.6 U	7.6	15	38	8.6	7.6	15	38	NC	NA	µg/kg	None
	2-Methylnaphthalene	7.6 U	7.6	15	38	8.6	7.6	15	38	NC	NA	µg/kg	None
Metals	Aluminum	2290	18.3	36.6	91.5	2500	18.3	36.6	91.5	NA	8.8	mg/kg	None
	Antimony	0.18 UJ	0.18	0.36	0.90	0.091 J	0.18	0.36	0.90	NC	NA	mg/kg	None
	Arsenic	3.3	0.091	0.182	0.455	3.9	0.091	0.182	0.455	NA	17	mg/kg	None
	Barium	10.8	0.91	1.82	4.55	14.5	0.91	1.82	4.55	NA	29	mg/kg	None
	Calcium	78200	2280	4560	11400	77000	2290	4580	11450	NA	1.5	mg/kg	None
	Chromium	7.5	0.46	0.92	2.3	10.0	0.46	0.92	2.3	NA	29	mg/kg	None
	Cobalt	3.5	0.46	0.92	2.3	3.7	0.46	0.92	2.3	NA	5.6	mg/kg	None
	Copper	11.2	0.91	1.82	4.55	13.2	0.91	1.82	4.55	NA	16	mg/kg	None
	Iron	7320	9.1	18.2	45.5	8210	9.1	18.2	45.5	NA	11	mg/kg	None
	Lead	5.8	0.27	0.54	1.35	7.5	0.27	0.54	1.35	NA	26	mg/kg	None
	Magnesium	10200	91.3	182.6	456.5	7100	91.4	182.8	457.0	NA	36	mg/kg	None
	Manganese	242	0.91	1.82	4.55	228	0.91	1.82	4.55	NA	6.0	mg/kg	None
	Mercury	0.046 U	0.046	0.092	0.23	0.015 J	0.046	0.092	0.23	NC	NA	mg/kg	None
	Nickel	8.3	0.91	1.82	4.55	8.9	0.91	1.82	4.55	NA	7.0	mg/kg	None
	Potassium	580	456	912	2280	600	457	914	2285	20	NA	mg/kg	None
	Selenium	0.22	0.19	0.38	0.95	0.13 J	0.19	0.38	0.95	0.09	NA	mg/kg	None
	Silver	0.042 J	0.091	0.182	0.455	0.050 J	0.091	0.182	0.455	0.008	NA	mg/kg	None
	Sodium	378	91.3	182.6	456.5	357	91.4	182.8	457.0	21	NA	mg/kg	None
	Thallium	0.15	0.091	0.182	0.455	0.15	0.091	0.182	0.455	0	NA	mg/kg	None
	Vanadium	7.1	0.91	1.82	4.55	8.9	0.91	1.82	4.55	NA	23	mg/kg	None
	Zinc	25.8 J	0.91	1.82	4.55	27.5 J	0.91	1.82	4.55	NA	6.4	mg/kg	None
General Chemistry	Trivalent Chromium	6.5	0.46	0.92	2.3	9.4	0.46	0.92	2.3	NA	36	mg/kg	None
	Hexavalent Chromium	1.1	0.91	1.82	4.55	0.61 J	0.91	1.82	4.55	0.49	NA	mg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-101207-CB-036				*SO-17322-101207-CB-037*							
TCL VOC	Acetone	17 J	18	36	90	15 J	18	36	90	2.0	NA	µg/kg	None
	2-Butanone	3.1 J	18	36	90	18 U	18	36	90	NC	NA	µg/kg	None
TCL SVOC	Anthracene	15	7.3	15	37	17	7.3	15	37	2	NA	µg/kg	None
	Pyrene	120	7.3	15	37	200	7.3	15	37	NA	50	µg/kg	None
	Benzo(g,h,i)perylene	120	7.3	15	37	140	7.3	15	37	NA	15	µg/kg	None
	Indeno(1,2,3-cd)pyrene	82	7.3	15	37	100	7.3	15	37	NA	20	µg/kg	None
	Benzo(b)fluoranthene	210	7.3	15	37	180	7.3	15	37	NA	15	µg/kg	None
	Fluoranthene	130	7.3	15	37	260	7.3	15	37	NA	67	µg/kg	None
	Benzo(k)fluoranthene	68	7.3	15	37	200	7.3	15	37	NA	99	µg/kg	None
	Chrysene	120	7.3	15	37	210	7.3	15	37	NA	55	µg/kg	None
	Benzo(a)pyrene	110	7.3	15	37	180	7.3	15	37	NA	48	µg/kg	None
	Dibenz(a,h)anthracene	33	7.3	15	37	7.3 U	7.3	15	37	NA	NC	µg/kg	None
	Benzo(a)anthracene	83	7.3	15	37	150	7.3	15	37	NA	58	µg/kg	None
	Phenanthrene	49	7.3	15	37	72	7.3	15	37	NA	35	µg/kg	None
	Fluorene	7.3 U	7.3	15	37	7.6	7.3	15	37	NA	NC	µg/kg	None
	Naphthalene	90	7.3	15	37	74	7.3	15	37	NA	20	µg/kg	None
	2-Methylnaphthalene	20	7.3	15	37	41	7.3	15	37	NA	69	µg/kg	None
PCB	Aroclor-1254 (PCB-1254)	17 J	36	72	180	36 U	36	72	180	NC	NA	µg/kg	None
Metals	Aluminum	5220	17.6	35.2	88	4550	17.5	35.0	88	NA	14	mg/kg	None
	Antimony	0.16 J	0.18	0.36	0.90	0.13 J	0.17	0.34	0.85	0.03	NA	mg/kg	None
	Arsenic	5.0	0.088	0.176	0.440	5.3	0.087	0.174	0.435	NA	5.8	mg/kg	None
	Barium	26.4	0.88	1.76	4.4	24.6	0.87	1.74	4.4	NA	7.1	mg/kg	None
	Calcium	54700	439	878	2195	74400	2180	4360	10900	NA	31	mg/kg	None
	Chromium	9.7	0.44	0.88	2.2	9.9	0.44	0.88	2.2	NA	2.0	mg/kg	None
	Cobalt	5.2	0.44	0.88	2.2	4.6	0.44	0.88	2.2	NA	12	mg/kg	None
	Copper	15.5	0.88	1.76	4.4	14.0	0.87	1.74	4.4	NA	10	mg/kg	None
	Iron	11100	8.8	17.6	44	10100	8.7	17.4	44	NA	9.4	mg/kg	None
	Lead	13.2	0.26	0.52	1.30	18.8	0.26	0.52	1.30	NA	35	mg/kg	None
	Magnesium	15600	87.8	175.6	439	11000	87.3	174.6	437	NA	35	mg/kg	None
	Manganese	304	0.88	1.76	4.4	275	0.87	1.74	4.4	NA	10	mg/kg	None
	Mercury	0.032 J	0.044	0.088	0.22	0.027 J	0.044	0.088	0.22	0.005	NA	mg/kg	None
	Nickel	13.8	0.88	1.76	4.4	13.8	0.87	1.74	4.4	NA	0	mg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-101207-CB-036				*SO-17322-101207-CB-037*							
Metals (cont)	Potassium	889	439	878	2195	773	437	874	2185	NA	14	mg/kg	None
	Selenium	0.19 U	0.19	0.38	0.95	0.17 J	0.19	0.38	0.95	NA	11	mg/kg	None
	Silver	0.062 J	0.088	0.176	0.44	0.063 J	0.087	0.174	0.44	NC	NA	mg/kg	None
	Sodium	569	87.8	175.6	439	494	87.3	174.6	437	NA	14	mg/kg	None
	Thallium	0.18	0.088	0.176	0.44	0.15	0.087	0.174	0.44	0.03	NA	mg/kg	None
	Vanadium	15.1	0.88	1.76	4.4	13.7	0.87	1.74	4.4	NA	9.7	mg/kg	None
	Zinc	33.7 J	0.88	1.76	4.4	34.4 J	0.87	1.74	4.4	NA	2.1	mg/kg	None
General Chemistry	Trivalent Chromium	7.5	0.44	0.88	2.2	9.1	0.44	0.88	2.2	NA	19	mg/kg	None
	Hexavalent Chromium	2.3	0.88	1.76	4.4	0.76 J	0.87	1.74	4.4	1.54	NA	mg/kg	None
		SO-17322-101707-CB-069				*SO-17322-101707-CB-070*							
TCL VOC	1,2,4-Trimethylbenzene	2.5 J	3.8	7.6	19	4.7 UJ	4.7	9.4	24	NC	NA	µg/kg	None
	1,3,5-Trimethylbenzene	2.2 J	3.8	7.6	19	4.7 UJ	4.7	9.4	24	NC	NA	µg/kg	None
	Acetone	43 J	15	30	75	14 J	19	38	95	29	NA	µg/kg	None
	2-Butanone	8.8 J	15	30	75	3.9 J	19	38	95	4.9	NA	µg/kg	None
	Benzene	0.23 J	3.8	7.6	19	0.24 J	4.7	9.4	24	0.01	NA	µg/kg	None
	Carbon disulfide	1.0 J	3.8	7.6	19	4.7 U	4.7	9.4	24	NC	NA	µg/kg	None
	Ethylbenzene	0.26 J	3.8	7.6	19	4.7 UJ	4.7	9.4	24	NC	NA	µg/kg	None
	Toluene	0.26 J	3.8	7.6	19	0.56 J	4.7	9.4	24	0.30	NA	µg/kg	None
	Xylenes (total)	3.1 J	7.5	15	38	0.87 J	9.4	19	47	2.2	NA	µg/kg	None
TCL SVOC	Anthracene	150 U	150	300	750	350	150	300	750	NC	NA	µg/kg	None
	Pyrene	190	150	300	750	1700	150	300	750	NA	160	µg/kg	J
	Fluoranthene	150 U	150	300	750	1800	150	300	750	NA	NC	µg/kg	None
	Chrysene	150 U	150	300	750	950	150	300	750	NA	NC	µg/kg	None
	Benzo(a)anthracene	150 U	150	300	750	850	150	300	750	NA	NC	µg/kg	None
	Phenanthrene	150 U	150	300	750	1500	150	300	750	NA	NC	µg/kg	None
Metals	Aluminum	4020	17.7	35.4	88.5	4690	17.8	35.6	89.0	NA	15	mg/kg	None
	Arsenic	4.1	0.089	0.178	0.445	3.0	0.089	0.178	0.445	NA	31	mg/kg	None
	Barium	34.7	0.89	1.78	4.45	44.1	0.89	1.78	4.45	NA	24	mg/kg	None
	Beryllium	0.12 J	0.18	0.36	0.9	0.11 J	0.18	0.36	0.9	0.01		mg/kg	None
	Calcium	6820	444	888	2220	8530	445	890	2225	NA	22	mg/kg	None
	Chromium	6.9	0.44	0.88	2.2	7.8	0.44	0.88	2.2	NA	12	mg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analyte*	*Original Sample ID*				*Duplicate Sample ID*							
		Result	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-101707-CB-069				*SO-17322-101707-CB-070*							
Metals (cont)	Cobalt	3.2	0.44	0.88	2.2	3.5	0.44	0.88	2.2	NA	9.0	mg/kg	None
	Copper	13.6	0.89	1.78	4.45	12.7	0.89	1.78	4.45	NA	6.8	mg/kg	None
	Iron	11200	8.9	17.8	44.5	13400	8.9	17.8	44.5	NA	18	mg/kg	None
	Lead	18.4	0.27	0.54	1.35	38.9	0.27	0.54	1.35	NA	72	mg/kg	None
	Magnesium	2090 J	88.7	177.4	443.5	2370 J	88.9	177.8	444.5	NA	13	mg/kg	None
	Manganese	119	0.89	1.78	4.45	143	0.89	1.78	4.45	NA	18	mg/kg	None
	Mercury	0.019 J	0.044	0.088	0.22	0.037 J	0.044	0.088	0.22	NA	64	mg/kg	None
	Nickel	7.4	0.89	1.78	4.45	7.8	0.89	1.78	4.45	NA	5.3	mg/kg	None
	Potassium	443 J	444	888	2220	512	445	890	2225	69	NA	mg/kg	None
	Selenium	0.32	0.19	0.38	0.95	0.30	0.19	0.38	0.95	0.02	NA	mg/kg	None
	Silver	0.046 J	0.089	0.178	0.445	0.057 J	0.089	0.178	0.445	0.011	NA	mg/kg	None
	Sodium	292	88.7	177.4	443.5	365	88.9	177.8	444.5	73	NA	mg/kg	None
	Thallium	0.046 J	0.089	0.178	0.445	0.038 J	0.089	0.178	0.445	0.008	NA	mg/kg	None
	Vanadium	10.0	0.89	1.78	4.45	11.1	0.89	1.78	4.45	NA	10	mg/kg	None
	Zinc	23.1 J	0.89	1.78	4.45	33.0 J	0.89	1.78	4.45	NA	35	mg/kg	None
General Chemistry	Total Cyanide	0.13 J	0.22	0.44	1.1	0.22 U	0.22	0.44	1.1	NC	NA	mg/kg	None
General Chemistry	Trivalent Chromium	5.1	0.44	0.88	2.2	5.9	0.44	0.88	2.2	NA	15	mg/kg	None
	Hexavalent Chromium	1.9	0.89	1.78	4.45	1.9	0.89	1.78	4.45	0	NA	mg/kg	None
		SO-17322-101807-CB-085				*SO-17322-101807-CB-086*							
TCL VOC	Toluene	4.0 U	4.0	8.0	20	0.24 J	4.4	8.8	22	NC	NA	µg/kg	None
TCL SVOC	Pyrene	150	32	64	160	75	35	70	175	75	NA	µg/kg	J
	Benzo(g,h,i)perylene	110	32	64	160	59	35	70	175	51	NA	µg/kg	None
	Indeno(1,2,3-cd)pyrene	95	32	64	160	35 U	35	70	175	NC	NA	µg/kg	None
	Fluoranthene	150	32	64	160	120	35	70	175	30	NA	µg/kg	None
	Acenaphthylene	41	32	64	160	35 U	35	70	175	NC	NA	µg/kg	None
	Phenanthrene	100	32	64	160	61	35	70	175	39	NA	µg/kg	None
	2-Methylnaphthalene	86	32	64	160	53	35	70	175	33	NA	µg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				Duplicate Sample ID							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-101807-CB-085				*SO-17322-101807-CB-086*							
Metals	Aluminum	6320	19.0	38	95	8190	17.0	34	85	NA	26	mg/kg	None
	Antimony	1.5 J	0.19	0.38	0.95	2.5 J	0.17	0.34	0.85	NA	50	mg/kg	None
	Arsenic	6.9	0.095	0.19	0.475	3.8	0.085	0.17	0.425	NA	58	mg/kg	None
	Barium	84.6 J	0.95	1.9	4.75	114 J	0.85	1.7	4.25	NA	30	mg/kg	None
	Beryllium	0.10 J	0.19	0.38	0.95	0.14 J	0.17	0.34	0.85	0.04	NA	mg/kg	None
	Cadmium	1.5 J	0.095	0.19	0.475	7.8 J	0.085	0.17	0.425	NA	135	mg/kg	J
	Calcium	39200	476	952	2380	27100	424	848	2120	NA	37	mg/kg	None
	Chromium	18.3	0.48	0.96	2.4	22.9	0.42	0.84	2.1	NA	22	mg/kg	None
	Cobalt	8.2	0.48	0.96	2.4	7.2	0.42	0.84	2.1	NA	13	mg/kg	None
	Copper	67.1 J	0.95	1.9	4.75	113 J	0.85	1.7	4.25	NA	51	mg/kg	None
	Iron	38700	9.5	19	47.5	17100	8.5	17	42.5	NA	77	mg/kg	None
	Lead	242	0.29	0.58	1.45	446	0.25	0.50	1.25	NA	59	mg/kg	None
	Magnesium	11100 J	95.2	190.4	476	6070 J	84.8	169.6	424	NA	59	mg/kg	None
	Manganese	469	0.95	1.9	4.75	317	0.85	1.7	4.25	NA	39	mg/kg	None
	Mercury	0.44 J	0.048	0.096	0.24	0.39	0.042	0.084	0.21	NA	12	mg/kg	None
	Nickel	20.0	0.95	1.9	4.75	28.8	0.85	1.7	4.25	NA	36	mg/kg	None
	Potassium	1100	476	952	2380	1400	424	848	2120	300	NA	mg/kg	None
	Selenium	0.33	0.20	0.4	1	0.15 J	0.18	0.4	1	0.18	NA	mg/kg	None
	Silver	0.13	0.095	0.19	0.475	0.15	0.085	0.17	0.425	0.02	NA	mg/kg	None
	Sodium	182	95.2	190.4	476	192	84.8	169.6	424	10	NA	mg/kg	None
	Thallium	0.22	0.095	0.19	0.475	0.17	0.085	0.17	0.425	0.05	NA	mg/kg	None
	Vanadium	17.9	0.95	1.9	4.75	20.0	0.85	1.7	4.25	NA	11	mg/kg	None
	Zinc	122	0.95	1.9	4.75	79.0	0.85	1.7	4.25	NA	43	mg/kg	None
General Chemistry	Trivalent Chromium	16.6	0.48	0.96	2.4	21.8	0.42	0.84	2.1	NA	27	mg/kg	None
	Hexavalent Chromium	1.7	0.95	1.9	4.75	1.2	0.85	1.7	4.25	0.5	NA	mg/kg	None

TABLE 13

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				Duplicate Sample ID							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-120307-CB-105				*SO-17322-120307-CB-106*							
TCL SVOC	bis(2-Ethylhexyl)phthalate	580 U	580	1160	2900	73	55	110	275	NC	NA	µg/kg	None
	Anthracene	77 U	77	154	385	13	7.3	15	37	NC	NA	µg/kg	None
	Pyrene	77 U	77	154	385	87	7.3	15	37	NA	NC	µg/kg	None
	Benzo(g,h,i)perylene	77 U	77	154	385	39	7.3	15	37	NA	NC	µg/kg	None
	Indeno(1,2,3-cd)pyrene	77 U	77	154	385	33	7.3	15	37	NC	NA	µg/kg	None
	Benzo(b)fluoranthene	170	77	154	385	73	7.3	15	37	NA	80	µg/kg	None
	Fluoranthene	85	77	154	385	110	7.3	15	37	NA	26	µg/kg	None
	Benzo(k)fluoranthene	77 U	77	154	385	29	7.3	15	37	NC	NA	µg/kg	None
	Chrysene	77 U	77	154	385	53	7.3	15	37	NA	NC	µg/kg	None
	Benzo(a)pyrene	77 U	77	154	385	51	7.3	15	37	NA	NC	µg/kg	None
	Benzo(a)anthracene	77 U	77	154	385	56	7.3	15	37	NA	NC	µg/kg	None
	Di-n-butylphthalate	580 U	580	1160	2900	160	55	110	275	NA	NC	µg/kg	None
	Phenanthrene	77 U	77	154	385	48	7.3	15	37	NA	NC	µg/kg	None
PCB	Aroclor-1254 (PCB-1254)	100	38	76	190	100	36	72	180	0	NA	µg/kg	None
Metals	Aluminum	2720	18.4	36.8	92	2480	17.6	35.2	88	NA	9.2	mg/kg	None
	Antimony	0.10 J	0.18	0.36	0.9	0.066 J	0.18	0.36	0.9	0.034	NA	mg/kg	None
	Arsenic	4.4	0.092	0.184	0.46	3.5	0.088	0.176	0.44	NA	23	mg/kg	None
	Barium	27.9	0.92	1.84	4.6	15.9	0.88	1.76	4.4	NA	55	mg/kg	None
	Beryllium	0.077 J	0.18	0.36	0.9	0.18 U	0.18	0.36	0.9	NC	NA	mg/kg	None
	Cadmium	0.33	0.092	0.184	0.46	0.22	0.088	0.176	0.44	0.11	NA	mg/kg	None
	Calcium	76500	2300	4600	11500	45800	439	878	2195	NA	50	mg/kg	None
	Chromium	7.5	0.46	0.92	2.3	5.8	0.44	0.88	2.2	NA	26	mg/kg	None
	Cobalt	5.1	0.46	0.92	2.3	2.9	0.44	0.88	2.2	NA	55	mg/kg	None
	Copper	12.0	0.92	1.84	4.6	8.9	0.88	1.76	4.4	NA	30	mg/kg	None
	Iron	8240	9.2	18.4	46	6640	8.8	17.6	44	NA	22	mg/kg	None
	Lead	14.7	0.28	0.56	1.4	8.6	0.26	0.52	1.3	NA	52	mg/kg	None
	Magnesium	11400	92.0	184	460	10500	87.8	176	439	NA	8.2	mg/kg	None
	Manganese	232	0.92	1.84	4.6	222	0.88	1.76	4.4	NA	4.4	mg/kg	None
	Nickel	9.8	0.92	1.84	4.6	7.5	0.88	1.76	4.4	NA	27	mg/kg	None
	Potassium	452 J	460	920	2300	377 J	439	878	2195	75	NA	mg/kg	None
	Selenium	0.11 J	0.20	0.4	1	0.19 U	0.19	0.4	1	NC	NA	mg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-120307-CB-105				*SO-17322-120307-CB-106*							
Metals (cont)	Silver	0.049 J	0.092	0.184	0.46	0.031 J	0.088	0.176	0.44	0.018	NA	mg/kg	None
	Thallium	0.11	0.092	0.184	0.46	0.084 J	0.088	0.176	0.44	0.026	NA	mg/kg	None
	Vanadium	8.8	0.92	1.84	4.6	7.9	0.88	1.76	4.4	NA	11	mg/kg	None
	Zinc	29.9	0.92	1.84	4.6	25.1	0.88	1.76	4.4	NA	17	mg/kg	None
General Chemistry	Trivalent Chromium	7.5	0.46	0.92	2.3	5.8	0.44	0.88	2.2	NA	26	mg/kg	None
		GW-17322-112707-CB-005				*GW-17322-112707-CB-006*							
TCL VOC	1,3-Dichlorobenzene	0.22 J	1.0	2.0	5.0	0.21 J	1.0	2.0	5.0	0.01	NA	µg/L	None
Metals	Aluminum	9.8 J	50.0	100	250	50.0 U	50.0	100	250	NC	NA	ug/L	None
	Antimony	0.39 J	2.0	4.0	10	0.18 J	2.0	4.0	10	0.21	NA	ug/L	None
	Barium	310	100	200	500	296	100	200	500	14	NA	ug/L	None
	Calcium	334000	5000	10000	25000	321000	5000	10000	25000	NA	4.0	ug/L	None
	Copper	1.5 J	2.0	4.0	10	1.6 J	2.0	4.0	10	0.1	NA	ug/L	None
	Magnesium	59300	1000	2000	5000	57100	1000	2000	5000	NA	3.8	ug/L	None
	Manganese	121	15.0	30	75	114	15.0	30	75	NA	6.0	ug/L	None
	Potassium	6320	1000	2000	5000	6020	1000	2000	5000	NA	4.9	ug/L	None
	Silver	0.086 J	0.20	0.4	1.0	0.20 U	0.20	0.4	1.0	NC	NA	ug/L	None
	Sodium	2060000	10000	20000	50000	2030000	10000	20000	50000	NA	1.5	ug/L	None
General Chemistry	Amenable Cyanide	0.0071	0.0050	0.01	0.025	0.0050 U	0.0050	0.01	0.025	NC	NA	mg/L	None
		SO-17322-120507-CB-123				*SO-17322-120507-CB-124*							
TCL VOC	Acetone	20	17	34	85	43	15	30	75	23	NA	µg/kg	None
	2-Butanone	5.3 J	17	34	85	11 J	15	30	75	5.7	NA	µg/kg	None

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-120507-CB-123				*SO-17322-120507-CB-124*							
TCL SVOC	Anthracene	19	7.8	16	39	8.2	7.6	15	38	10.8	NA	µg/kg	None
	Pyrene	190	7.8	16	39	95	7.6	15	38	NA	67.0	µg/kg	None
	Benzo(g,h,i)perylene	170	7.8	16	39	120	7.6	15	38	NA	35.0	µg/kg	None
	Indeno(1,2,3-cd)pyrene	88	7.8	16	39	47	7.6	15	38	NA	61.0	µg/kg	None
	Benzo(b)fluoranthene	160	7.8	16	39	88	7.6	15	38	NA	58.0	µg/kg	None
	Fluoranthene	280	7.8	16	39	110	7.6	15	38	NA	87.0	µg/kg	None
	Benzo(k)fluoranthene	95	7.8	16	39	37	7.6	15	38	NA	88.0	µg/kg	None
	Chrysene	140	7.8	16	39	74	7.6	15	38	NA	62.0	µg/kg	None
	Benzo(a)pyrene	150	7.8	16	39	69	7.6	15	38	NA	74.0	µg/kg	None
	Dibenz(a,h)anthracene	18	7.8	16	39	13	7.6	15	38	5.0	NA	µg/kg	None
	Benzo(a)anthracene	130	7.8	16	39	53	7.6	15	38	NA	84.0	µg/kg	None
	Phenanthrene	87	7.8	16	39	37	7.6	15	38	NA	81.0	µg/kg	None
Metals	Aluminum	4620	18.7	37.4	93.5	3250	18.2	36.4	91.0	NA	35	mg/kg	None
	Antimony	0.25	0.19	0.38	0.95	0.15 J	0.18	0.36	0.90	0.10	NA	mg/kg	None
	Arsenic	2.7	0.094	0.188	0.47	2.7	0.091	0.182	0.46	NA	0	mg/kg	None
	Barium	50.8	0.94	1.88	4.7	16.8	0.91	1.82	4.6	NA	101	mg/kg	J
	Beryllium	0.091 J	0.19	0.38	0.95	0.18 U	0.18	0.36	0.90	NC	NA	mg/kg	None
	Cadmium	0.27	0.094	0.188	0.47	0.091 U	0.091	0.182	0.46	NC	NA	mg/kg	None
	Calcium	9370	468	936	2340	7950	456	912	2280	NA	16	mg/kg	None
	Chromium	9.7	0.47	0.94	2.35	5.6	0.46	0.92	2.30	NA	54	mg/kg	None
	Cobalt	3.8	0.47	0.94	2.35	3.0	0.46	0.92	2.30	NA	24	mg/kg	None
	Copper	21.5	0.94	1.88	4.7	11.6	0.91	1.82	4.6	NA	60	mg/kg	None
	Iron	8040	9.4	18.8	47	6120	9.1	18.2	46	NA	27	mg/kg	None
	Lead	36.5	0.28	0.56	1.4	7.2	0.27	0.54	1.4	NA	134	mg/kg	J
	Magnesium	2860	93.6	187.2	468	2140	91.1	182.2	456	NA	29	mg/kg	None
	Manganese	101	0.94	1.88	4.7	91.8	0.91	1.82	4.6	NA	9.5	mg/kg	None
	Mercury	0.74	0.047	0.094	0.235	0.071	0.046	0.092	0.230	0.67	NA	mg/kg	J
	Nickel	9.9	0.94	1.88	4.7	5.8	0.91	1.82	4.6	NA	52	mg/kg	None
	Potassium	586	468	936	2340	346 J	456	912	2280	240	NA	mg/kg	None
	Selenium	0.27	0.20	0.40	1.0	0.12 J	0.19	0.38	1.0	0.15	NA	mg/kg	None
	Silver	0.099	0.094	0.188	0.47	0.031 J	0.091	0.182	0.46	0.068	NA	mg/kg	None
	Sodium	999	93.6	187.2	468	473	91.1	182.2	456	NA	71	mg/kg	None

TABLE 13

SUMMARY OF DETECTED ANALYTES IN FIELD DUPLICATE SAMPLE SETS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Analyte*	*Original Sample ID*				*Duplicate Sample ID*							
		Result	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-120507-CB-123				*SO-17322-120507-CB-124*							
Metals (cont)	Thallium	0.13	0.094	0.188	0.47	0.090 J	0.091	0.182	0.46	0.040	NA	mg/kg	None
	Vanadium	11.7	0.94	1.88	4.7	10.4	0.91	1.82	4.6	NA	12	mg/kg	None
	Zinc	68.0	0.94	1.88	4.7	21.1	0.91	1.82	4.6	NA	105	mg/kg	J
General Chemistry	Trivalent Chromium	8.6	0.47	0.94	2.35	5.0	0.46	0.92	2.30	NA	53	mg/kg	None
	Hexavalent Chromium	1.1	0.94	1.88	4.7	0.61 J	0.91	1.82	4.6	0.49	NA	mg/kg	None

Notes:

TCL -Target Compound List
VOC -Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
PCB -Polychlorinated Biphenyls
RL - Reporting Limit
Diff. - The absolute difference between the concentrations of the Original Sample Result and the Duplicate Sample Result
RPD - Relative Percent Difference
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated reporting limit
NA - Not applicable
NC - Not calculable

TABLE 14

SUMMARY OF QUALIFIED SAMPLE DATA DUE TO TRIP BLANK CONTAMINATION
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
OCTOBER 2007 - JANUARY 2008

Parameter	*Trip Blank ID*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Units*	*Qualified Sample Result*
TCL VOC	TB-17322-101207-CB-002	Methylene chloride	3.8 J	SO-17322-101207-CB-036	1.6 J	µg/kg	4.4 U
				SO-17322-101207-CB-037	1.1 J	µg/kg	4.4 U
				SO-17322-101207-CB-040	0.87 J	µg/kg	3.7 U
TCL VOC	TB-17322-112807-CB-001	Acetone	3.1 J	GW-17322-112807-CB-009	20 J	µg/L	25 U
TCL VOC	TB-17322-010808-CB-001	Acetone	3.1 J	GW-17322-010808-CB-010	20 J	µg/L	25 U
				GW-17322-010808-CB-011	11 J	µg/L	25 U
				GW-17322-010808-CB-012	11 J	µg/L	25 U
				GW-17322-010808-CB-013	15 J	µg/L	25 U

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
J - Estimated concentration
U - Not detected at or above the associated value

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MEMORANDUM

TO:	Terry Gayman	REF. NO.:	17322
FROM:	Paul Wiseman/ma/2/Det	DATE:	July 11, 2008
RE:	Data Quality Assessment and Validation – Full Validation Phase II Environmental Site Assessment General Motors Validation Center - Pontiac, Michigan	SSOW NO.:	17307-111021

The following details a quality assessment and validation of the analytical data resulting from the March 5, 2008 to April 8, 2008, collection of 55 soil, eight (8) water, one (1) light non-aqueous phase liquid (LNAPL), and 17 quality control samples from the General Motors Validation Center Site in Pontiac, Michigan. The sample summary detailing sample identification, sample location, quality control samples, and analytical parameters is presented in Table 1. Sample analysis was completed at TestAmerica in North Canton, Ohio (TA) in accordance with the methodologies presented in Table 2.

The quality control criteria used to assess the data were established by the methods and the quality assurance project plan (QAPP). Application of quality assurance criteria was consistent with following guidance documents:

i. "USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review", EPA-540/R-99/008, October 1999; and

ii. "USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Review", EPA-540/R-94/013, February 1994.

These guidelines are collectively referred to as "NFGs" in this Memorandum.

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The following elements are addressed in this memorandum with qualification if necessary in the identified tables:

	Data Review Element	Qualification Table
1	Sample Quantitation	NA
2	Sample Preservation and Holding Times	NA
3	Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) – Organic Analyses	NA
4	Initial Calibration – Organic Analyses	Table 3
5	Continuing Calibration – Organic Analyses	Table 4
6	Inductively Coupled Plasma/Mass Spectrometer (ICP/MS) – Mass Calibration and Resolution Checks – Metal Analyses	NA
7	Initial Calibration – Inorganic Analyses	NA
8	Continuing Calibration – Inorganic Analyses	NA
9	Method Blank Samples	Table 5
10	Laboratory Blank Samples – Inorganic Analyses	Table 5
11	Surrogate Compounds – Organic Analyses	Table 6
12	Matrix Spike/Matrix Spike Duplicate Analyses	Table 7
13	Laboratory Control Sample Analysis/Laboratory Control Duplicate	Table 8
14	Inductively Coupled Plasma (ICP) Interference Check Sample Analysis – Inorganic Analyses	NA
15	Internal Standard Summaries – Organic Analyses	Table 9
16	Internal Standard Summaries – Inorganic Analyses	NA
17	Serial Dilution – Inorganic Analyses	Table 10
18	Target Compound Identification	NA
19	Target Compound Quantitation	NA
20	Field Quality Assurance/Quality Control	Table 11 & 12
21	System Performance	NA

Sample Quantitation

The laboratory reported detected concentrations of volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), polychlorinated biphenyls (PCB) and inorganics below the laboratory's practical quantitation limit report limit (RL) but above the laboratory's method detection limit (MDL). The laboratory flagged these sample concentrations with a "J" or a "B" for organics and inorganics respectively. These concentrations should be qualified as estimated (J) values unless qualified otherwise in this memorandum. The laboratory "B" flags may be disregarded.

Sample Preservation and Holding Times

Sample holding time periods and preservation requirements are presented in Table 2. The samples were prepared and/or analyzed within the specified holding time periods. The samples were shipped and maintained in accordance with the sample preservation requirements.

Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check) – Organic Analyses

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each GC/MS instrument used for VOC and SVOC analyses was checked at the beginning of each 12-hour period using bromofluorobenzene (BFB) and decafluorotriphenylphosphine (DFTPP), respectively. The resulting spectra must meet the criteria cited in the NFGs before initiating an analysis sequence.

Instrument performance check data were reviewed. These tuning compounds were analyzed at the required frequency throughout the VOC and SVOC analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

Initial Calibration – Organic Analyses

Initial calibration data are used to demonstrate that each instrument is capable of generating acceptable quantitative data. A minimum of a five point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each over a specific concentration range.

Initial calibration criteria for organic analyses are evaluated against the following criteria:

i. GC/MS (all compounds) – must meet a minimum mean relative response factor (RRF) of 0.05 ;
ii. GC/MS (all compounds) – the percent relative standard deviation (RSD) values must not exceed 30.0 percent or a minimum coefficient of determination of 0.99 if quadratic equation calibration curves are used; and
iii. GC (all compounds using an average for multi-response compounds) – the percent RSD must not exceed 20 percent or a correlation coefficient of 0.995 when linear regression calibration curves are used.

Calibration standards were analyzed at the required frequency and the results met the above criteria for linearity and sensitivity with the exception of samples presented with qualifiers in Table 3.

Continuing Calibration – Organic Analyses

To ensure that each instrument was capable of producing acceptable quantitative data over the analysis period, continuing calibration standards must be analyzed every 12 hours for GC/MS analyses and every 10 samples by GC. The following criteria are employed to evaluate the continuing calibration data:

i. GC/MS (all compounds) – must meet a minimum mean RRF of 0.05 ;
ii. GC/MS (all compounds) – the percent difference between the mean initial calibration RRF and the continuing calibration RRF must not exceed 25 percent;

Continuing Calibration – Organic Analyses (continued)

iii. GC/MS (compounds determined by quadratic curve) – the percent drift between the true value and the continuing calibration value must not exceed 25 percent;

iv. GC (all compounds using average for multi-response compounds) – the percent difference between mean initial calibration factor and the continuing calibration factor must not exceed 15 percent; and

v. GC (compounds determined by linear regression) – the percent drift between the true value and the continuing calibration value must not exceed 15 percent.

Calibration standards were analyzed at the required frequency and the results met the above criteria for instrument sensitivity and linearity of response and sensitivity with the exception of samples presented with qualifiers in Table 4.

Inductively Coupled Plasma/Mass Spectrometer (ICP/MS) –
Mass Calibration and Resolution Checks – Metal Analyses

To ensure adequate mass resolution, identification, and to some degree, sensitivity; the performance of each ICP/MS instrument used for metals analyses was checked prior to calibration before initiating an analysis sequence through the analysis of a tuning solution. The results of the tuning solution analysis were reviewed against the following criteria:

i. Analyze tuning solution a minimum of four times with a percent RSD of less than or equal to five for the analytes contained in the tuning solution; and

ii. The mass resolution must be within 0.1 amu of the true value over the analytical range

Instrument performance check data were reviewed. The tuning solution was analyzed at the required frequency throughout the analyses. The results of all instrument performance checks were within the acceptance criteria, indicating acceptable instrument performance.

Initial Calibration – Inorganic Analyses

The initial calibration includes a blank and at least one standard for inductively coupled plasma (ICP) and ICP/MS to establish the analytical curve. Mercury analysis by cold vapor atomic absorption spectroscopy (CVAA) and cyanide analysis by spectrophotometry requires the analysis of a calibration blank and a minimum of five standards to establish the calibration curve. The coefficient of variation for calibration curves must exceed 0.995.

Initial calibration is verified with an initial calibration verification (ICV) standard which must recover within 90 to 110 percent for metals by ICP and ICP/MS, 80 to 120 percent for mercury by CVAA and 85 to 115 percent for cyanide by spectrophotometry.

A review of the laboratory data showed that the inorganic initial calibration curves and ICVs were analyzed at the appropriate frequency and were within the acceptance criteria.

Continuing Calibration – Inorganic Analyses

Continuing calibration verification (CCV) standards are analyzed at method specified frequency (one every 10 samples). The CCVs must meet the percent recovery control limits specified above for the ICVs. Criteria for inorganic analyses are the same criteria as used for assessing the initial calibration data.

A review of the laboratory data showed that CCVs were analyzed at the appropriate frequency and the data were within the acceptance criteria.

Method Blank Samples

Method blank samples are prepared from a purified sample matrix and are processed concurrently with investigative samples to assess the presence and the magnitude of sample contamination introduced during sample analysis. Method blank samples are analyzed at a minimum frequency of one per analytical batch and target analytes should be non-detect.

The samples presented in Table 5 should be qualified due to laboratory contamination. The laboratory flagged the organic concentrations with a "B" and the inorganics with a "J", both of which may be disregarded. The remaining method blank samples were reported to be free from detectable levels of target analytes, indicating no additional laboratory-attributable contamination occurred.

Laboratory Blank Samples – Inorganic Analyses

Metals analyses include the analysis of initial calibration blanks (ICB) and continuing calibration blanks (CCB) to assess the presence and the magnitude of sample contamination introduced during sample analysis. The CCBs are analyzed at a minimum frequency of one every 10 samples and target analytes should be non-detect.

Several ICB and CCBs were reported with detectable concentrations of target analytes. The samples presented in Table 5 should be qualified due to ICB and CCB contamination above the laboratory MDLs. The remaining ICB and CCBs were reported to be free from detectable levels of target analytes, indicating no additional laboratory-attributable contamination occurred.

Surrogate Compounds – Organic Analyses

Individual sample performance for organic analyses was monitored by assessing the results of surrogate compound percent recoveries. Surrogate percent recoveries are reviewed against the laboratory developed control limits provided in the analytical report.

The surrogate recovery acceptance criteria were met for all samples that could be evaluated with the exception of samples presented with qualifiers in Table 6.

Matrix Spike/Matrix Spike Duplicate Analyses

To assess the long term accuracy and precision of the analytical methods on various matrices, matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and the relative percent difference (RPD) of the concentrations were determined. The organic MS/MSD percent recovery and RPD control limits are established by the laboratory. The inorganic control limits are defined by the methods and the NFG, which require recoveries between 75 to 125 percent with RPDs less than 20 percent for water samples and 35 percent for soil samples. The samples selected for MS/MSD analysis are identified in Table 1.

The samples that should be qualified due to violation of MS/MSD percent recovery and/or RPD criteria are outlined in Table 7. The MS/MSD percent recoveries and associated RPD acceptance criteria were met in the remaining sample analyses.

Laboratory Control Sample/Laboratory Control Duplicate Analyses

The laboratory control sample and laboratory control duplicate (LCS/LCD) analyses serve as a monitor of the overall performance in all steps of the sample analysis and are analyzed with each sample batch. The LCS/LCD percent recoveries were evaluated against method and laboratory established control limits.

The LCS/LCD percent recoveries were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall performance was achieved with the exception of samples presented with qualifiers in Table 8.

Laboratory precision was verified by the relative percent difference (RPD) of the LCS/LCD when a matrix spike/matrix spike duplicate was not analyzed.

The RPDs were within the laboratory control limits or did not warrant qualification, indicating that an acceptable level of overall laboratory precision was achieved with the exception of samples presented with qualifiers in Table 8.

Internal Standard Summaries – Organic Analyses

To correct for variability in the GC/MS response and sensitivity, internal standard (IS) compounds are added to all samples. All results are calculated as a ratio of the compound and associated IS response. Overall instrument stability and performance for VOC and SVOC analyses were monitored using IS peak area and retention time (RT) data. The IS peak areas and RTs of the samples are required to meet the following criteria:

i. IS area counts must not vary by more than a factor of two (-50 percent to +100 percent) from the associated continuing calibration standard IS area counts; and

ii. the RT of the IS must not vary by more than plus or minus 30 seconds from the associated continuing calibration standard.

A review of the VOC and SVOC internal standard data showed that the IS area counts and retention time data were within the acceptance criteria with the exception of the samples presented with qualifiers in Table 9.

Internal Standard Summaries – Inorganic Analyses

To correct for variability in the ICP/MS response and sensitivity, internal standards (IS) are added to all samples. All results are calculated as a ratio of the IS response to the response of the sample. Overall instrument stability and performance for metals analyses was monitored using the IS intensity data which are evaluated against the following criteria:

i. The IS intensities in samples must recover between 30 and 120 percent of the true value; and

ii. The IS intensities in instrument calibration checks (CCVs and CCBs) must recover between 80 and 120 percent of the true value.

A review of the ICP/MS metals IS data showed that the IS intensities were within the acceptance criteria.

Inductively Coupled Plasma (ICP) Interference Check Sample Analysis – Inorganic Analyses

To verify that proper inter-element and background correction factors had been established by the laboratory for metals analyses, the ICP interference check samples (ICS) are analyzed. The ICSs are evaluated against recovery control limits of 80 to 120 percent.

The ICS analysis results were evaluated for all samples and were within the control limits.

Serial Dilution – Inorganic Analyses

The percent difference (D) between a serial dilution of a sample for each matrix was monitored to determine physical or chemical interference. A minimum of one sample per 20 investigative samples is analyzed at a five-fold dilution. The serial dilution results must agree within 10 percent D of the original results for samples with detected concentrations greater than 50 times the instrument detection limit.

The percent D acceptance criteria were met with the exception of the qualified samples presented Table 10. The laboratory flagged these concentrations with an "E" flag, which may be disregarded.

Target Compound Identification

To minimize erroneous compound identification during organic analyses, qualitative criteria including compound retention time and mass spectra (if applicable) were evaluated according to identification criteria established by the methods. The samples presented in Table 1 were reviewed. The organic compounds reported adhered to the specified identification criteria.

Target Compound Quantitation

The reported quantitation results and detection limits were checked to ensure results reported were accurate. The samples presented in Table 1 were reviewed. No discrepancies were found between the raw data and the sample results reported by the laboratory.

Field Quality Assurance/Quality Control

The field quality assurance/quality control consisted of five (5) field duplicate sample sets and 12 trip blank samples.

Overall precision for the sampling event and laboratory procedures was monitored using the results of the field duplicate sample sets. 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 RL, the evaluation criteria is one or two times the RL value for water and soil samples, respectively.

Table 11 presents the RPDs of detected analytes in duplicate sample sets with qualifiers. The remainder of the data indicates that an adequate level of precision was achieved for the sampling event.

To monitor potential cross-contamination of VOC during aqueous sample transportation and storage, a trip blank was submitted to the laboratory for VOC analysis with each shipping cooler containing multiple samples.

The samples that should be qualified due to trip blank contamination are summarized in Table 12. No additional target analytes were reported as detected in the remaining trip blank samples.

System Performance

System performance between various quality control checks was evaluated to monitor for changes that may have caused the degradation of data quality. The samples presented in Table 1 were reviewed. No technical problems or chromatographic anomalies were observed which would require qualification of the data.

Overall Assessment

The data were found to exhibit acceptable levels of accuracy and precision, based on the provided information, and may be used with the qualifications noted with the exception of the following:

- VOC data were rejected in a number of samples due to violation of initial calibration criteria,
- VOC data were rejected in a number of samples due to violation of continuing calibration criteria,
- VOC data were rejected in one of sample due to violation internal standard criteria
- SVOC data was rejected in a sample due to violation of surrogate recovery criteria, and
- Metals data were rejected in a few samples due violation of MS/MSD %R criteria.

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

				Analysis/Parameters														
Sample ID	*Location ID*	*QC Samples*	*Collection Date (mm/dd/yy)*	*TCL VOCs*	*TCL SVOCs*	*TCL PCB's*	*Site Specific TAL Metals*	*Total Cyanide*	*Amenable Cyanide*	*Hexavalent Chromium*	*Trivalent Chromium*	*Fractionated Lead*	*Reactive Sulfide*	*Reactive Cyanide*	*Specific Gravity*	*Dynamic Viscosity*	*Ignitability*	*Corrosivity*
CRA SDG No. 21-37 [1]	**TA-NC Lot No. A8C060203**			**TA-NC SDG No. 8C06203**														
SO-17322-030508-MC-BH8008	BH-80-08	MS/MSD (SVOC, Metals)	3/5/2008	X	X	X	X	X		X	X	X						
SO-17322-030508-MC-BH8108	BH-81-08	MS/MSD (PCB)	3/5/2008	X	X	X	X	X		X	X	X						
SO-17322-030508-MC-BH7008	BH-70-08		3/5/2008	X	X	X	X	X		X	X	X						
TB-17322-030508-MC-001	Trip Blank	Trip Blank	3/5/2008	X														
TB-17322-030508-MC-002	Trip Blank	Trip Blank	3/5/2008	X														
CRA SDG No. 21-38	**TA-NC Lot No. A8C070110**			**TA-NC SDG No. 8C06203**														
SO-17322-030608-MC-BH7108	BH-71-08	MS/MSD (Metals)	3/6/2008	X	X	X	X	X		X	X	X						
SO-17322-030608-MC-BH8708	BH-87-08	MS/MSD (SVOC, Cyanide)	3/6/2008	X	X	X	X	X		X	X	X						
TB-17322-030608-MC-001	Trip Blank	Trip Blank	3/6/2008	X														
TB-17322-030608-MC-002	Trip Blank	Trip Blank	3/6/2008	X														
SO-17322-030608-MC-003	BG-03		3/6/2008				X			X	X	X						
SO-17322-030608-MC-004	BG-03		3/6/2008				X			X	X	X						
SO-17322-030608-MC-001	BG-04		3/6/2008				X			X	X	X						
SO-17322-030608-MC-002	BG-04		3/6/2008				X			X	X	X						
SO-17322-030708-MC-001	BG-2		3/7/2008				X			X	X	X						
SO-17322-030708-MC-002	BG-2		3/7/2008				X			X	X	X						
SO-17322-030708-MC-003	BG-5	MS/MSD (Metals)	3/7/2008				X			X	X	X						
SO-17322-030708-MC-004	BG-6		3/7/2008				X			X	X	X						
SO-17322-030708-MC-005	BG-6		3/7/2008				X			X	X	X						
SO-17322-030708-MC-006	BG-7		3/7/2008				X			X	X	X						
SO-17322-030708-MC-007	BG-7		3/7/2008				X			X	X	X						
SO-17322-030708-MC-008	BG-8		3/7/2008				X			X	X	X						
SO-17322-030708-MC-009	BG-8		3/7/2008				X			X	X	X						
SO-17322-030708-MC-010	BG-9		3/7/2008				X			X	X	X						
SO-17322-030708-MC-011	BG-9		3/7/2008				X			X	X	X						
SO-17322-030708-MC-012	BG-1		3/7/2008				X			X	X	X						
SO-17322-030708-MC-013	BG-1		3/7/2008				X			X	X	X						
SO-17322-030708-MC-014	BG-10		3/7/2008				X			X	X	X						
SO-17322-030708-MC-015	BG-10		3/7/2008				X			X	X	X						

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

				Analysis/Parameters														
Sample ID	*Location ID*	*QC Samples*	*Collection Date (mm/dd/yy)*	*TCL VOCs*	*TCL SVOCs*	*TCL PCB's*	*Site Specific TAL Metals*	*Total Cyanide*	*Amenable Cyanide*	*Hexavalent Chromium*	*Trivalent Chromium*	*Fractionated Lead*	*Reactive Sulfide*	*Reactive Cyanide*	*Specific Gravity*	*Dynamic Viscosity*	*Ignitability*	*Corrosivity*
CRA SDG No. 21- 39 (1)	**TA-NC Lot No. A8C110158**			**TA-NC SDG No. 8C11158**														
WG-17322-031008-MC-001	BH-81-08		3/10/2008	X														
WG-17322-031008-MC-002	BH-71-08		3/10/2008	X														
TB-031008-MC-005	Trip Blank	Trip Blank	3/10/2008	X														
TB-17322-031008-CB-001	Trip Blank	Trip Blank	3/10/2008	X														
SO-17322-031008-CB-003	BH-63-08	MS/MSD (SVOC)	3/10/2008	X	X	X	X	X		X	X	X						
SO-17322-031008-CB-005	BH-62-08		3/10/2008	X	X	X	X	X		X	X	X						
SO-17322-031008-CB-007	BH-61-08		3/10/2008	X	X	X	X	X		X	X	X						
SO-17322-031008-CB-009	BH-67-08		3/10/2008	X	X	X	X	X		X	X	X						
SO-17322-031008-CB-012	BH-64-08		3/10/2008	X	X	X	X	X		X	X	X						
CRA SDG No. 21-40	**TA-NC Lot No. A8C120185**			**TA-NC SDG No. 8C11158**														
TB-17322-031108-CB-001	Trip Blank	Trip Blank	3/11/2008	X														
SO-17322-031108-CB-015	BH-65-08	MS/MSD (VOC, SVOC, PCB, Metals, Cyanide)	3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-018	BH-76-08		3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-020	BH-77-08	MS/MSD (SVOC)	3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-021	BH-77-08	Dup (020)	3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-023	BH-88-08		3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-024	BH-78-08		3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-025	BH-78-08	Dup (024)	3/11/2008	X	X	X	X	X		X	X	X						
SO-17322-031108-CB-029	BH-79-08		3/11/2008	X	X	X	X	X		X	X	X						
CRA SDG No. 21-41	**TA-NC Lot No. A8C130160**			**TA-NC SDG No. 8C11158**														
TB-17322-031208-CB-001	Trip Blank	Trip Blank	3/12/2008	X														
SO-17322-031208-CB-032	BH-83-08		3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-034	BH-82-08		3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-035	BH-82-08	Dup (034)	3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-037	BH-75-08		3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-040	BH-68-08	MS/MSD (VOC, SVOC, PCB, Metals, Cyanide)	3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-043	BH-69-08		3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-047	BH-84-08		3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-048	BH-84-08	Dup (047)	3/12/2008	X	X	X	X	X		X	X	X						
SO-17322-031208-CB-050	BH-86-08		3/12/2008	X	X	X	X	X		X	X	X						

TABLE 1

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

				Analysis/Parameters														
Sample ID	*Location ID*	*QC Samples*	*Collection Date (mm/dd/yy)*	*TCL VOCs*	*TCL SVOCs*	*TCL PCB's*	*Site Specific TAL Metals*	*Total Cyanide*	*Amenable Cyanide*	*Hexavalent Chromium*	*Trivalent Chromium*	*Fractionated Lead*	*Reactive Sulfide*	*Reactive Cyanide*	*Specific Gravity*	*Dynamic Viscosity*	*Ignitability*	*Corrosivity*
CRA SDG No. 21-44	**TA-NC Lot No. A8C190109**																	
SO-17322-031208-CB-044	BH-69-08	MS/MSD (PCB, Metals)	3/12/2008	X	X	X	X	X		X	X	X						
CRA SDG No. 21-42 [1]	**TA-NC Lot No. A8C140235**			**TA-NC SDG No. 8C11158**														
SO-17322-031308-CB-053	BH-72-08	MS/MSD (PCB)	3/13/2008	X	X	X	X	X		X	X	X						
SO-17322-031308-CB-055	BH-85-08		3/13/2008	X	X	X	X	X		X	X	X						
TB-17322-031308-CB-001	Trip Blank	Trip Blank	3/13/2008	X														
SO-17322-031308-CB-059	BH-89-08		3/13/2008	X	X	X	X	X		X	X	X						
SO-17322-031308-CB-060	BH-90-08		3/13/2008	X	X	X	X	X		X	X	X						
SO-17322-031308-CB-061	BH-91-08		3/13/2008	X	X	X	X	X		X	X	X						
CRA SDG No. 21-45	**TA-NC Lot No. A8C260106**																	
SO-17322-031308-CB-051	BH-72-08	MS/MSD (PCB)	3/13/2008			X												
SO-17322-031308-CB-052	BH-72-08		3/13/2008			X												
CRA SDG No. 21-43	**TA-NC Lot No. A8C150172**			**TA-NC SDG No. 8C11158**														
SO-17322-031408-CB-062	BH-92-08	MS/MSD (SVOC, Metals)	3/14/2008	X	X	X	X	X		X	X	X						
SO-17322-031408-CB-069	BH-96-08		3/14/2008	X	X	X	X	X		X	X	X						
SO-17322-031408-CB-063	BH-74-08	MS/MSD (Cyanide)	3/14/2008	X	X	X	X	X		X	X	X						
SO-17322-031408-CB-067	BH-73-08		3/14/2008	X	X	X	X	X		X	X	X						
TB-17322-031408-CB-001	Trip Blank	Trip Blank	3/14/2008	X														
SO-17322-031408-CB-065	BH-74-08		3/14/2008	X														
CRA SDG No. 21- 46	**TA-NC Lot No. A8D040155**																	
LNAPL-17322-040308-CB-001	MW-69-08	MS/MSD (Metals)	4/3/2008	X	X	X	X						X	X	X	X	X	X

SAMPLE COLLECTION AND ANALYSIS SUMMARY
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Sample ID	*Location ID*	*QC Samples*	*Collection Date (mm/dd/yy)*	*Analysis/Parameters*														
				TCL VOCs	*TCL SVOCs*	*TCL PCB's*	*Site Specific TAL Metals*	*Total Cyanide*	*Amenable Cyanide*	*Hexavalent Chromium*	*Trivalent Chromium*	*Fractionated Lead*	*Reactive Sulfide*	*Reactive Cyanide*	*Specific Gravity*	*Dynamic Viscosity*	*Ignitability*	*Corrosivity*
CRA SDG No. 21-48 (1)	**TA-NC Lot No. A8D080112**								**TA-NC SDG No. 8D08112**									
GW-17322-040708-CB-001	MW-64-08		4/7/2008	X	X	X	X		X	X	X							
GW-17322-040708-CB-002	MW-63-08		4/7/2008	X	X	X	X		X	X	X							
GW-17322-040708-CB-003	MW-78-08		4/7/2008	X	X	X	X		X	X	X							
GW-17322-040708-CB-004	MW-74-08		4/7/2008	X	X	X	X		X	X	X							
GW-17322-040708-CB-005	MW-68-08	MS/MSD (Hexavalent Chromium)	4/7/2008	X	X	X	X		X	X	X							
TB-17322-040708-CB-001	Trip Blank	Trip Blank	4/7/2008	X														
CRA SDG No. 21-49	**TA-NC Lot No. A8D090146**								**TA-NC SDG No. 8D08112**									
GW-17322-040808-CB-006	MW-48-07	MS/MSD (VOC, SVOC, PCB, Metals)	4/8/2008	X	X	X	X		X	X	X							
GW-17322-040808-CB-007	MW-48-07	Dup (006)	4/8/2008	X	X	X	X		X	X	X							
TB-17322-040808-CB-001	Trip Blank	Trip Blank	4/8/2008	X														

Notes:

QC - Quality Control
TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
PCB - Polychlorinated Biphenyls
MS/MSD - Matrix Spike/Matrix Spike Duplicate
(1) - SDG received additional raw data review

TABLE 2

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation* [2]
TCL VOC	SW-846 8260B [1]	Water	- 14 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
	SW-846 8260B	Soil	- 48 hours from sample collection to preservation - 14 days from sample preservation to completion of analysis	Iced, 4 ± 2° C
		LNAPL	- 14 days from sample collection to completion of analysis	Iced, 4 ± 2° C
TCL SVOC	SW-846 8270C	Water	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
	SW-846 8270C	Soil/LNAPL	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
PCB	SW-846 8082	Water	- 7 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
	SW-846 8082	Soil/LNAPL	- 14 days from sample collection to extraction - 40 days from extraction to completion of analysis	Iced, 4 ± 2° C
Metals		Water/Soil/LNAPL	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
Aluminum	SW-846 6010B/6020			
Antimony	SW-8466020			
Arsenic	SW-846 6010B/6020			
Barium	SW-846 6010B			
Beryllium	SW-846 6010B			
Cadmium	SW-846 6010B			
Calcium	SW-846 6010B			
Chromium	SW-846 6010B			
Cobalt	SW-846 6010B			
Copper	SW-846 6010B/6020			
Iron	SW-846 6010B			
Lead	SW-846 6010B			
Lead - Total	SW-846 6010B			
Lead - Fine	SW-846 6010B			
Lead - Coarse	SW-846 6010B			
Magnesium	SW-846 6010B			
Manganese	SW-846 6010B			
Nickel	SW-846 6010B			
Potassium	SW-846 6010B			

SUMMARY OF ANALYTICAL METHODS, HOLDING TIME PERIODS, AND PRESERVATIVES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Method*	*Matrix*	*Holding Time*	*Preservation* [2]
Metals (Continued)		Water/Soil/LNAPL	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
Selenium	SW-846 6010B/6020			
Silver	SW-846 6010B/6020			
Sodium	SW-846 6010B			
Thallium	SW-846 6020			
Vanadium	SW-846 6010B			
Zinc	SW-846 6010B/6020			
Mercury	SW-846 7470A/7471A	Water	- 28 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C
General Chemistry				
Cyanide (Amenable)	SW-846 9012	Water	- 24 hours from sample collection to completion of analysis.	Iced, 4 ± 2° C
Cyanide (Total)	SW-846 9012	Soil	- 14 days from sample collection to extraction - 24 hours from extraction to completion of analysis	Iced, 4 ± 2° C
Hardness	SM 2340	Water	- 180 days from sample collection to completion of analysis	pH < 2 and Iced, 4 ± 2° C ($HN0_3$)
Hexavalent Chromium	SW-846 7196	Water	- 24 hours from sample collection to completion of analysis.	Iced, 4 ± 2° C
Hexavalent Chromium	SW-846 7196	Soil	- 30 days from sample collection to extraction - 24 hours from extraction to completion of analysis	Iced, 4 ± 2° C
Trivalent Chromium	SW-846 7196	Water	- 24 hours from sample collection to completion of analysis.	Iced, 4 ± 2° C
Trivalent Chromium	SW-846 7196	Soil	- 30 days from sample collection to extraction - 24 hours from extraction to completion of analysis	Iced, 4 ± 2° C

[1] SW-846 - "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, 3rd Edition, and Promulgated updates, November 1986

[1] SM - "Standards Methods for the Examination of Water and Wastewater," APHA, 19th Edition, 1995

[2] pH preservation is not required in soil samples.

TABLE 3

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Compound*	*Calibration Date*	*RRF*	*R^2*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	1,2-Dibromo-3-chloropropane (DBCP)	03/13/08	-	0.993	SO-17322-031008-CB-005	230 U	µg/kg	UJ
					SO-17322-031108-CB-020	220 U	µg/kg	UJ
					SO-17322-031108-CB-021	220 U	µg/kg	UJ
					SO-17322-031108-CB-029	220 U	µg/kg	UJ
					SO-17322-031208-CB-050	230 U	µg/kg	UJ
TCL VOC	Bromoform	03/13/08	-	0.992	SO-17322-031008-CB-005	93 U	µg/kg	UJ
					SO-17322-031108-CB-020	89 U	µg/kg	UJ
					SO-17322-031108-CB-021	88 U	µg/kg	UJ
					SO-17322-031108-CB-029	89 U	µg/kg	UJ
					SO-17322-031208-CB-050	91 U	µg/kg	UJ
TCL VOC	Dibromochloromethane	03/13/08	-	0.992	SO-17322-031008-CB-005	46 U	µg/kg	UJ
					SO-17322-031108-CB-020	44 U	µg/kg	UJ
					SO-17322-031108-CB-021	44 U	µg/kg	UJ
					SO-17322-031108-CB-029	44 U	µg/kg	UJ
					SO-17322-031208-CB-050	46 U	µg/kg	UJ
TCL VOC	trans-1,3-Dichloropropene	03/13/08	-	0.991	SO-17322-031008-CB-005	46 U	µg/kg	UJ
					SO-17322-031108-CB-020	44 U	µg/kg	UJ
					SO-17322-031108-CB-021	44 U	µg/kg	UJ
					SO-17322-031108-CB-029	44 U	µg/kg	UJ
					SO-17322-031208-CB-050	46 U	µg/kg	UJ
TCL VOC	Acetone	03/03/08	-	0.993	SO-17322-030508-MC-BH7008	19 U	µg/kg	UJ
					SO-17322-030508-MC-BH8008	6.2 J	µg/kg	J
					SO-17322-030508-MC-BH8108	16	µg/kg	J
					SO-17322-030608-MC-BH7108	77	µg/kg	J
					SO-17322-030608-MC-BH8708	20 U	µg/kg	UJ
TCL VOC	Bromomethane (Methyl Bromide)	03/03/08	0.033	-	SO-17322-030508-MC-BH7008	4.9 U	µg/kg	R
					SO-17322-030508-MC-BH8008	4.4 U	µg/kg	R
					SO-17322-030508-MC-BH8108	4.1 U	µg/kg	R
					SO-17322-030608-MC-BH7108	4.6 U	µg/kg	R
					SO-17322-030608-MC-BH8708	5.0 U	µg/kg	R

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INITIAL CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Compound*	*Calibration Date*	*RRF*	*R^2*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	Chloroethane	03/03/08	0.042	-	SO-17322-030508-MC-BH7008	4.9 U	µg/kg	R
					SO-17322-030508-MC-BH8008	4.4 U	µg/kg	R
					SO-17322-030508-MC-BH8108	4.1 U	µg/kg	R
					SO-17322-030608-MC-BH7108	4.6 U	µg/kg	R
					SO-17322-030608-MC-BH8708	5.0 U	µg/kg	R
TCL VOC	Trifluorotrichloroethane (Freon 113)	03/03/08	0.045	-	SO-17322-030508-MC-BH7008	4.9 U	µg/kg	R
					SO-17322-030508-MC-BH8008	4.4 U	µg/kg	R
					SO-17322-030508-MC-BH8108	4.1 U	µg/kg	R
					SO-17322-030608-MC-BH7108	4.6 U	µg/kg	R
					SO-17322-030608-MC-BH8708	5.0 U	µg/kg	R
TCL VOC	Methyl acetate	03/03/08	0.043	-	SO-17322-030508-MC-BH7008	9.7 U	µg/kg	R
					SO-17322-030508-MC-BH8008	8.7 U	µg/kg	R
					SO-17322-030508-MC-BH8108	8.2 U	µg/kg	R
					SO-17322-030608-MC-BH7108	9.2 U	µg/kg	R
					SO-17322-030608-MC-BH8708	9.9 U	µg/kg	R
TCL VOC	Acetone	03/13/07	-	0.993	GW-17322-040708-CB-001	1.2 J	µg/L	J
					GW-17322-040708-CB-002	25 U	µg/L	UJ
					GW-17322-040708-CB-003	25 U	µg/L	UJ
					GW-17322-040708-CB-004	1900 U	µg/L	UJ
					GW-17322-040708-CB-005	25 U	µg/L	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
RRF - Relative Response Factor
U - Not detected at or above the associated value
R - Rejected

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	03/18/08	Dichlorodifluoromethane (CFC-12)	27	-	SO-17322-031408-CB-062	4.8 U	µg/kg	UJ
					SO-17322-031408-CB-067	4.5 U	µg/kg	UJ
					SO-17322-031408-CB-069	4.3 U	µg/kg	UJ
TCL VOC	03/17/08	trans-1,3-Dichloropropene	26	-	SO-17322-031008-CB-005	46 U	µg/kg	UJ
					SO-17322-031108-CB-020	44 U	µg/kg	UJ
					SO-17322-031108-CB-021	44 U	µg/kg	UJ
					SO-17322-031108-CB-029	44 U	µg/kg	UJ
					SO-17322-031208-CB-050	46 U	µg/kg	UJ
TCL VOC	03/20/08	Styrene	27	-	SO-17322-031008-CB-005	46 U	µg/kg	UJ
					SO-17322-031108-CB-020	44 U	µg/kg	UJ
					SO-17322-031108-CB-021	44 U	µg/kg	UJ
					SO-17322-031108-CB-029	44 U	µg/kg	UJ
					SO-17322-031208-CB-050	46 U	µg/kg	UJ
TCL VOC	03/17/08	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	30	-	SO-17322-031308-CB-061	2300 U	µg/kg	UJ
TCL VOC	03/17/08	Methyl cyclohexane	28	-	SO-17322-031308-CB-061	110 J	µg/kg	J
TCL VOC	03/17/08	Cyclohexane	37	-	SO-17322-031308-CB-061	58 J	µg/kg	J
TCL VOC	03/17/08	2-Hexanone	34	-	SO-17322-031308-CB-061	2300 U	µg/kg	UJ
TCL VOC	03/17/08	Chloromethane (Methyl Chloride)	36	-	SO-17322-031308-CB-061	230 U	µg/kg	UJ
TCL VOC	03/17/08	Chloroethane	26	-	SO-17322-031308-CB-061	230 U	µg/kg	UJ
TCL VOC	03/17/08	2-Butanone (Methyl Ethyl Ketone)	35	-	SO-17322-031308-CB-061	700 U	µg/kg	UJ
TCL VOC	03/18/08	2-Butanone (Methyl Ethyl Ketone)	38	-	SO-17322-031308-CB-053	1400 U	µg/kg	UJ
					SO-17322-031408-CB-063	790 U	µg/kg	UJ
TCL VOC	03/18/08	2-Hexanone	30	-	SO-17322-031308-CB-053	4600 U	µg/kg	UJ
					SO-17322-031408-CB-063	2600 U	µg/kg	UJ
TCL VOC	03/18/08	4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	32	-	SO-17322-031308-CB-053	4600 U	µg/kg	UJ
					SO-17322-031408-CB-063	2600 U	µg/kg	UJ

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	03/18/08	Acetone	49	-	SO-17322-031308-CB-053	1400 U	µg/kg	UJ
					SO-17322-031408-CB-063	790 U	µg/kg	UJ
TCL VOC	03/18/08	Carbon tetrachloride	29	-	SO-17322-031308-CB-053	93 U	µg/kg	UJ
					SO-17322-031408-CB-063	52 U	µg/kg	UJ
TCL VOC	03/18/08	Chloroethane	32	-	SO-17322-031308-CB-053	460 U	µg/kg	UJ
					SO-17322-031408-CB-063	260 U	µg/kg	UJ
TCL VOC	03/18/08	Chloromethane (Methyl Chloride)	35	-	SO-17322-031308-CB-053	460 U	µg/kg	UJ
					SO-17322-031408-CB-063	260 U	µg/kg	UJ
TCL VOC	03/18/08	Cyclohexane	39	-	SO-17322-031308-CB-053	2200 U	µg/kg	UJ
					SO-17322-031408-CB-063	1300 U	µg/kg	UJ
TCL VOC	03/18/08	Dichlorodifluoromethane (CFC-12)	27	-	SO-17322-031308-CB-053	190 U	µg/kg	UJ
					SO-17322-031408-CB-063	100 U	µg/kg	UJ
TCL VOC	03/18/08	Methyl cyclohexane	34	-	SO-17322-031308-CB-053	160 J	µg/kg	J
					SO-17322-031408-CB-063	1300 U	µg/kg	UJ
TCL VOC	03/18/08	Trichlorofluoromethane (CFC-11)	47	-	SO-17322-031308-CB-053	190 U	µg/kg	UJ
					SO-17322-031408-CB-063	100 U	µg/kg	UJ
TCL VOC	03/17/08	1,1,2,2-Tetrachloroethane	26	-	WG-17322-031008-MC-001	4.0 U	µg/L	UJ
					WG-17322-031008-MC-002	2.5 U	µg/L	UJ
TCL VOC	03/17/08	2-Butanone (Methyl Ethyl Ketone)	27	-	WG-17322-031008-MC-001	36 J	µg/L	J
					WG-17322-031008-MC-002	14 J	µg/L	J
TCL VOC	03/17/08	2-Hexanone	32	-	WG-17322-031008-MC-001	3.8 J	µg/L	J
					WG-17322-031008-MC-002	120 U	µg/L	UJ
TCL VOC	03/17/08	Acetone	-	0.047	WG-17322-031008-MC-001	180	µg/L	J
					WG-17322-031008-MC-002	79	µg/L	J
TCL VOC	03/17/08	Chloromethane (Methyl Chloride)	26	-	WG-17322-031008-MC-001	4.0 U	µg/L	UJ
					WG-17322-031008-MC-002	2.5 U	µg/L	UJ

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	03/07/08	Bromomethane (Methyl Bromide)	-	0.029	SO-17322-030508-MC-BH7008	4.9 U	µg/kg	R
					SO-17322-030508-MC-BH8008	4.4 U	µg/kg	R
					SO-17322-030508-MC-BH8108	4.1 U	µg/kg	R
TCL VOC	03/10/08	Bromomethane (Methyl Bromide)		0.026	SO-17322-030608-MC-BH7108	4.6 U	µg/kg	R
					SO-17322-030608-MC-BH8708	5.0 U	µg/kg	R
TCL VOC	03/07/08	Chloroethane	-	0.037	SO-17322-030508-MC-BH7008	4.9 U	µg/kg	R
					SO-17322-030508-MC-BH8008	4.4 U	µg/kg	R
					SO-17322-030508-MC-BH8108	4.1 U	µg/kg	R
TCL VOC	03/10/08	Chloroethane		0.03	SO-17322-030608-MC-BH7108	4.6 U	µg/kg	R
					SO-17322-030608-MC-BH8708	5.0 U	µg/kg	R
TCL VOC	03/07/08	Methyl acetate	-	0.044	SO-17322-030508-MC-BH7008	9.7 U	µg/kg	R
					SO-17322-030508-MC-BH8008	8.7 U	µg/kg	R
					SO-17322-030508-MC-BH8108	8.2 U	µg/kg	R
TCL VOC	03/10/08	Methyl acetate		0.044	SO-17322-030608-MC-BH7108	9.2 U	µg/kg	R
					SO-17322-030608-MC-BH8708	9.9 U	µg/kg	R
TCL VOC	03/07/08	Trifluorotrichloroethane (Freon 113)	-	0.047	SO-17322-030508-MC-BH7008	4.9 U	µg/kg	UJ
					SO-17322-030508-MC-BH8008	4.4 U	µg/kg	UJ
					SO-17322-030508-MC-BH8108	4.1 U	µg/kg	UJ
TCL VOC	03/10/08	Trifluorotrichloroethane (Freon 113)		0.041	SO-17322-030608-MC-BH7108	4.6 U	µg/kg	R
					SO-17322-030608-MC-BH8708	5.0 U	µg/kg	R
TCL VOC	04/15/08	Chloroethane	25.3	-	GW-17322-040708-CB-001	1.0 U	µg/L	UJ
					GW-17322-040708-CB-002	1.0 U	µg/L	UJ
					GW-17322-040708-CB-003	1.0 U	µg/L	UJ
					GW-17322-040708-CB-004	77 U	µg/L	UJ
					GW-17322-040708-CB-005	1.0 U	µg/L	UJ
TCL VOC	04/15/08	Chloromethane (Methyl Chloride)	27	-	GW-17322-040708-CB-001	1.0 U	µg/L	UJ
					GW-17322-040708-CB-002	1.0 U	µg/L	UJ
					GW-17322-040708-CB-003	1.0 U	µg/L	UJ
					GW-17322-040708-CB-004	77 U	µg/L	UJ
					GW-17322-040708-CB-005	1.0 U	µg/L	UJ

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	04/15/08	Trichlorofluoromethane (CFC-11)	32	-	GW-17322-040708-CB-001	1.0 U	µg/L	UJ
					GW-17322-040708-CB-002	1.0 U	µg/L	UJ
					GW-17322-040708-CB-003	1.0 U	µg/L	UJ
					GW-17322-040708-CB-004	77 U	µg/L	UJ
					GW-17322-040708-CB-005	1.0 U	µg/L	UJ
TCL VOC	04/18/08	Acetone	43	-	GW-17322-040808-CB-007	3.3 J	µg/L	J
TCL VOC	04/18/08	Bromomethane (Methyl Bromide)	43	-	GW-17322-040808-CB-007	1.0 U	µg/L	UJ
TCL VOC	04/18/08	Chloroethane	35	-	GW-17322-040808-CB-007	1.0 U	µg/L	UJ
TCL VOC	03/21/08	1,2-Dibromoethane (Ethylene Dibromide)	29	-	SO-17322-031208-CB-044	450 U	µg/kg	UJ
TCL VOC	03/21/08	Cyclohexane	33	-	SO-17322-031208-CB-044	2200 U	µg/kg	UJ
TCL VOC	03/21/08	Acetone	26	-	SO-17322-031208-CB-044	1400 U	µg/kg	UJ
TCL VOC	03/21/08	Chloromethane (Methyl Chloride)	33	-	SO-17322-031208-CB-044	450 U	µg/kg	UJ
TCL VOC	03/21/08	Chloroethane	25.5	-	SO-17322-031208-CB-044	450 U	µg/kg	UJ
TCL VOC	03/21/08	2-Butanone (Methyl Ethyl Ketone)	28	-	SO-17322-031208-CB-044	1400 U	µg/kg	UJ
TCL VOC	03/27/08	Methyl cyclohexane	31	-	SO-17322-031408-CB-065	2200 U	µg/kg	UJ
TCL VOC	03/27/08	Cyclohexane	39	-	SO-17322-031408-CB-065	2200 U	µg/kg	UJ
TCL VOC	03/27/08	Chloromethane (Methyl Chloride)	41	-	SO-17322-031408-CB-065	460 U	µg/kg	UJ
TCL VOC	03/27/08	Chloroethane	26	-	SO-17322-031408-CB-065	460 U	µg/kg	UJ
TCL VOC	03/27/08	2-Butanone (Methyl Ethyl Ketone)	28	-	SO-17322-031408-CB-065	1400 U	µg/kg	UJ
TCL VOC	04/08/08	Cyclohexane	26	-	LNAPL-17322-040308-CB-001	190000 U	µg/kg	UJ
TCL VOC	04/08/08	Carbon tetrachloride	31	-	LNAPL-17322-040308-CB-001	48000 U	µg/kg	UJ

TABLE 4

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING CONTINUING CALIBRATION RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Calibration Date*	*Compound*	*%D*	*RRF*	*Associated Sample ID*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	04/08/08	Chloromethane (Methyl Chloride)	36	-	LNAPL-17322-040308-CB-001	93000 U	µg/kg	UJ
TCL VOC	04/08/08	Dichlorodifluoromethane (CFC-12)	29	-	LNAPL-17322-040308-CB-001	93000 U	µg/kg	UJ
TCL SVOC	3/17/2008	bis(2-Chloroethyl)ether	29	-	SO-17322-031008-CB-003	120 U	µg/kg	UJ
					SO-17322-031008-CB-005	120 U	µg/kg	UJ
					SO-17322-031008-CB-007	110 U	µg/kg	UJ
					SO-17322-031008-CB-009	110 U	µg/kg	UJ
					SO-17322-031008-CB-012	110 U	µg/kg	UJ
TCL SVOC	3/21/2008	Hexachlorocyclopentadiene	26	-	SO-17322-031308-CB-060	380 U	µg/kg	UJ
TCL SVOC	3/20/2008	2,4-Dinitrophenol	30	-	SO-17322-031308-CB-061	7700 U	µg/kg	UJ
TCL SVOC	3/20/2008	Hexachlorocyclopentadiene	27	-	SO-17322-031308-CB-061	7700 U	µg/kg	UJ
TCL SVOC	3/14/2008	Benzaldehyde	27	-	SO-17322-031208-CB-040	110 U	µg/kg	UJ
TCL SVOC	3/17/2008	bis(2-Chloroethyl)ether	38	-	SO-17322-031208-CB-034	110 U	µg/kg	UJ
					SO-17322-031208-CB-035	110 U	µg/kg	UJ
					SO-17322-031208-CB-037	110 U	µg/kg	UJ
					SO-17322-031208-CB-043	110 U	µg/kg	UJ
					SO-17322-031208-CB-048	110 U	µg/kg	UJ
					SO-17322-031208-CB-050	110 U	µg/kg	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
RRF - Relative Response Factor
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated report limit
R - Rejected

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
TCL VOC	03/14/08	Methylene chloride	1.5	SO-17322-031108-CB-018	1.6 J	4.0 U	µg/kg
				SO-17322-031108-CB-023	0.89 J	4.1 U	µg/kg
				SO-17322-031108-CB-024	2.3 J	6.4 U	µg/kg
				SO-17322-031108-CB-025	4.5 J	7.0 U	µg/kg
TCL VOC	03/15/08	Methylene chloride	2.7	SO-17322-031008-CB-003	0.70 J	3.9 U	µg/kg
				SO-17322-031008-CB-009	2.7 J	4.3 U	µg/kg
				SO-17322-031208-CB-032	1.1 J	5.3 U	µg/kg
				SO-17322-031208-CB-034	0.60 J	3.7 U	µg/kg
				SO-17322-031208-CB-035	0.65 J	4.0 U	µg/kg
				SO-17322-031208-CB-037	0.86 J	3.7 U	µg/kg
				SO-17322-031208-CB-040	0.90 J	4.4 U	µg/kg
				SO-17322-031208-CB-047	1.0 J	3.7 U	µg/kg
				SO-17322-031208-CB-048	0.90 J	4.2 U	µg/kg
TCL VOC	03/17/08	Methylene chloride	0.77	WG-17322-031008-MC-001	2.6 J	20 U	µg/L
				WG-17322-031008-MC-002	1.3 J	12 U	µg/L
TCL VOC	03/17/08	1,2,4-Trichlorobenzene	0.43	SO-17322-031208-CB-043	1.1 J	3.5 U	µg/kg
							µg/kg
TCL VOC	03/17/08	Methylene chloride	1.4	SO-17322-031008-CB-012	0.67 J	3.3 U	µg/kg
				SO-17322-031008-CB-007	1.0 J	4.2 U	µg/kg
				SO-17322-031208-CB-043	0.69 J	3.5 U	µg/kg
				SO-17322-031308-CB-055	1.0 J	4.1 U	µg/kg
				SO-17322-031308-CB-059	0.53 J	3.4 U	µg/kg
				SO-17322-031308-CB-060	0.74 J	4.1 U	µg/kg
TCL VOC	03/18/08	Methylene chloride	1	SO-17322-031408-CB-062	1.5 J	4.8 U	µg/kg
				SO-17322-031408-CB-067	0.97 J	4.5 U	µg/kg
				SO-17322-031408-CB-069	0.70 J	4.3 U	µg/kg

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
TCL VOC	03/07/08	1,2,4-Trichlorobenzene	1.8	SO-17322-030508-MC-BH8008	1.4 J	4.4 U	µg/kg
TCL VOC	03/07/08	Acetone	7.9	SO-17322-030508-MC-BH8008	6.2 J	17 U	µg/kg
				SO-17322-030508-MC-BH8108	16	16 U	µg/kg
TCL VOC	03/07/08	Methylene chloride	2.3	SO-17322-030508-MC-BH7008	1.3 J	4.9 U	µg/kg
				SO-17322-030508-MC-BH8008	0.79 J	4.4 U	µg/kg
				SO-17322-030508-MC-BH8108	1.9 J	4.1 U	µg/kg
TCL VOC	03/10/08	Acetone	9.1	SO-17322-030608-MC-BH7108	77	77 U	µg/kg
TCL VOC	03/10/08	Methylene chloride	2.2	SO-17322-030608-MC-BH7108	1.2 J	4.6 U	µg/kg
				SO-17322-030608-MC-BH8708	1.4 J	5.0 U	µg/kg
TCL VOC	04/15/08	Methylene chloride	26	GW-17322-040708-CB-004	25 J	380 U	µg/L
TCL VOC	04/19/08	Acetone	2.3	GW-17322-040808-CB-007	3.3 J	25 U	µg/L
TCL SVOC	03/18/08	Diethyl phthalate	34	SO-17322-031108-CB-020	28 J	55 U	µg/kg
PCB	04/09/08	Aroclor 1260	0.085 J	GW-17322-040708-CB-004	0.076 JB	0.1 U	µg/L
Metals	04/07/08	Arsenic	2.3	LNAPL-17322-040308-CB-001	0.39 B	30.0 U	mg/kg
Metals	03/14/08	Beryllium	0.3	SO-17322-030708-MC-001	0.11 B	0.18 U	mg/kg
				SO-17322-030708-MC-006	0.096 B	0.17 U	mg/kg
Metals	03/17/08	Beryllium	0.1	SO-17322-031208-CB-035	0.48 J	0.48 U	mg/kg
				SO-17322-031208-CB-037	0.40 J	0.40 U	mg/kg
				SO-17322-031208-CB-040	0.44 J	0.44 U	mg/kg
				SO-17322-031208-CB-043	0.41 J	0.41 U	mg/kg
				SO-17322-031208-CB-047	0.40 J	0.40 U	mg/kg
				SO-17322-031208-CB-048	0.43 J	0.43 U	mg/kg
				SO-17322-031208-CB-050	0.32 J	0.32 U	mg/kg

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
Metals	03/18/08	Beryllium	1	SO-17322-031308-CB-053	0.26	0.26 U	mg/kg
				SO-17322-031308-CB-055	0.11 B	0.18 U	mg/kg
				SO-17322-031308-CB-059	0.072 B	0.18 U	mg/kg
				SO-17322-031308-CB-061	0.11 B	0.11 U	mg/kg
				SO-17322-031408-CB-062	0.24	0.24 U	mg/kg
				SO-17322-031408-CB-069	0.15 B	0.19 U	mg/kg
Metals	03/17/08	Cadmium	0.05	SO-17322-031208-CB-032	0.17 J	0.17 U	mg/kg
				SO-17322-031208-CB-034	0.19 J	0.19 U	mg/kg
				SO-17322-031208-CB-035	0.20 J	0.20 U	mg/kg
				SO-17322-031208-CB-037	0.11 J	0.11 U	mg/kg
				SO-17322-031208-CB-040	0.17 J	0.17 U	mg/kg
				SO-17322-031208-CB-043	0.15 J	0.15 U	mg/kg
				SO-17322-031208-CB-050	0.14 J	0.14 U	mg/kg
Metals	03/18/08	Cadmium	1	SO-17322-031308-CB-053	0.053 B	0.093 U	mg/kg
				SO-17322-031308-CB-055	0.12	0.12 U	mg/kg
				SO-17322-031308-CB-059	0.14	0.14 U	mg/kg
				SO-17322-031308-CB-060	0.22	0.22 U	mg/kg
				SO-17322-031308-CB-061	0.085 B	0.093 U	mg/kg
				SO-17322-031408-CB-062	0.075 B	0.097 U	mg/kg
				SO-17322-031408-CB-063	0.065 B	0.085 U	mg/kg
				SO-17322-031408-CB-067	0.12	0.12 U	mg/kg
				SO-17322-031408-CB-069	0.12	0.12 U	mg/kg
Metals	03/19/08	Chromium VI (Hexavalent)	0.53	SO-17322-030608-MC-001	0.52 J	0.88 U	mg/kg
				SO-17322-030608-MC-002	0.38 J	0.91 U	mg/kg
				SO-17322-030608-MC-003	0.29 J	0.95 U	mg/kg
				SO-17322-030708-MC-003	0.66 J	0.94 U	mg/kg
				SO-17322-030708-MC-004	0.33 J	0.93 U	mg/kg
				SO-17322-030708-MC-005	0.26 J	0.89 U	mg/kg
				SO-17322-030708-MC-006	0.25 J	0.87 U	mg/kg

TABLE 5

QUALIFIED SAMPLE RESULTS DUE TO ANALYTE CONCENTRATIONS IN THE METHOD BLANKS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Analysis Date*	*Analyte*	*Blank Result*	*Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
Metals	03/19/08	Chromium VI (Hexavalent)	0.53	SO-17322-030708-MC-008	0.28 J	0.94 U	mg/kg
				SO-17322-030708-MC-009	0.56 J	0.91 U	mg/kg
				SO-17322-030708-MC-014	0.54 J	0.91 U	mg/kg
Metals	04/16/08	Copper	0.48	GW-17322-040708-CB-001	2.3 J	2.3 U	µg/L
				GW-17322-040708-CB-002	1.3 BJ	2.0 U	µg/L
				GW-17322-040708-CB-003	1.4 BJ	2.0 U	µg/L
				GW-17322-040708-CB-005	1.3 BJ	2.0 U	µg/L
Metals	03/18/08	Sodium	814	SO-17322-031308-CB-055	77.0 B	89.0 U	mg/kg
				SO-17322-031308-CB-059	283	283 U	mg/kg
				SO-17322-031408-CB-067	131	131 U	mg/kg
Metals	03/10/08	Thallium	0.27	SO-17322-030608-MC-BH7108	0.12 BJ	0.12 U	mg/kg
Metals	03/14/08	Thallium	0.26	SO-17322-030608-MC-003	0.048 B	0.095 U	mg/kg
				SO-17322-030708-MC-006	0.077 B	0.087 U	mg/kg
				SO-17322-030708-MC-008	0.072 B	0.094 U	mg/kg
				SO-17322-030708-MC-012	0.11	0.11 U	mg/kg
				SO-17322-030708-MC-014	0.11	0.11 U	mg/kg
				SO-17322-031208-CB-032	0.11	0.11 U	mg/kg
				SO-17322-031208-CB-037	0.11	0.11 U	mg/kg
				SO-17322-031208-CB-050	0.12	0.12 U	mg/kg
Metals	03/20/08	Thallium	0.2	SO-17322-031208-CB-044	0.076 B	0.091 U	mg/kg
Metals	04/16/08	Thallium	0.31	GW-17322-040808-CB-007	0.31 B	1.0 U	µg/L

Notes:

U - Not detected at or above the associated value

Laboratory Qualifiers:

J (organics) - Estimated results
B (organics) - Method blank contamination. The associated method blank contains target analytes at a reportable level.
J (inorganics) - Estimated results
B (inorganics) - Estimated results

TABLE 6

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	Toluene-d8	56	60-143	SO-17322-031208-CB-043	1,4-Dichlorobenzene	0.47 J	µg/kg	J
					1,2,4-Trichlorobenzene	1.1 J	µg/kg	J
					1,3-Dichlorobenzene	0.40 J	µg/kg	J
					Methylene chloride	0.69 J	µg/kg	J
					Carbon disulfide	0.55 J	µg/kg	J
					1,2-Dichlorobenzene	0.31 J	µg/kg	J
					Ethylbenzene	3.5 U	µg/kg	UJ
					Styrene	3.5 U	µg/kg	UJ
					cis-1,3-Dichloropropene	3.5 U	µg/kg	UJ
					trans-1,3-Dichloropropene	3.5 U	µg/kg	UJ
					1,2-Dibromoethane (Ethylene Dibromide)	3.5 U	µg/kg	UJ
					1,2-Dichloroethane	3.5 U	µg/kg	UJ
					4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	14 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	3.5 U	µg/kg	UJ
					Methyl cyclohexane	6.9 U	µg/kg	UJ
					Toluene	3.5 U	µg/kg	UJ
					Chlorobenzene	3.5 U	µg/kg	UJ
					Cyclohexane	6.9 U	µg/kg	UJ
					Dibromochloromethane	3.5 U	µg/kg	UJ
					Tetrachloroethene	3.5 U	µg/kg	UJ
					Xylene (total)	6.9 U	µg/kg	UJ
					cis-1,2-Dichloroethene	3.5 U	µg/kg	UJ
					trans-1,2-Dichloroethene	3.5 U	µg/kg	UJ
					Methyl Tert Butyl Ether	14 U	µg/kg	UJ
					Carbon tetrachloride	3.5 U	µg/kg	UJ
					2-Hexanone	14 U	µg/kg	UJ
					Acetone	14 U	µg/kg	UJ
					Chloroform (Trichloromethane)	3.5 U	µg/kg	UJ
					Benzene	3.5 U	µg/kg	UJ
					1,1,1-Trichloroethane	3.5 U	µg/kg	UJ
					Bromomethane (Methyl Bromide)	3.5 U	µg/kg	UJ

QUALIFIED SAMPLE DATA DUE TO OUTLYING SURROGATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Surrogate*	*Surrogate Recovery (percent)*	*Control Limits (percent)*	*Sample ID*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	Toluene-d8	56	60-143	SO-17322-031208-CB-043	Chloromethane (Methyl Chloride)	3.5 U	µg/kg	UJ
					Chloroethane	3.5 U	µg/kg	UJ
					Vinyl chloride	3.5 U	µg/kg	UJ
					Bromoform	3.5 U	µg/kg	UJ
					Bromodichloromethane	3.5 U	µg/kg	UJ
					1,1-Dichloroethane	3.5 U	µg/kg	UJ
					1,1-Dichloroethene	3.5 U	µg/kg	UJ
					Trichlorofluoromethane (CFC-11)	3.5 U	µg/kg	UJ
					Dichlorodifluoromethane (CFC-12)	3.5 U	µg/kg	UJ
					Trifluorotrichloroethane (Freon 113)	3.5 U	µg/kg	UJ
					1,2-Dichloropropane	3.5 U	µg/kg	UJ
					2-Butanone (Methyl Ethyl Ketone)	14 U	µg/kg	UJ
					1,1,2-Trichloroethane	3.5 U	µg/kg	UJ
					Trichloroethene	3.5 U	µg/kg	UJ
					Methyl acetate	6.9 U	µg/kg	UJ
					1,1,2,2-Tetrachloroethane	3.5 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	3.5 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	6.9 U	µg/kg	UJ
					Isopropylbenzene	3.5 U	µg/kg	UJ

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
J - Estimated concentration
U - Not detected at or above the associated value
UJ - Estimated report limit

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
TCL VOC	SO-17322-031108-CB-015	1,2,4-Trichlorobenzene	38	46	23	50-150	0-20	4.4 U	µg/kg	UJ
TCL VOC	GW-17322-040808-CB-006	Vinyl chloride	84	86	1.8	88-126	0-30	1.0 U	µg/L	UJ
TCL SVOC	SO-17322-031008-CB-003	Pyridine	42	6.9	144	10-110	0-30	120 U	µg/kg	R
		2,4-Dinitrophenol	26	0	200	10-110	0-30	390 U	µg/kg	R
		Hexachlorocyclopentadiene	13	7	62	10-110	0-30	390 U	µg/kg	R
TCL SVOC	GW-17322-040808-CB-006	Caprolactam	33	34	2.5	50-130	0-30	5.0 U	µg/L	UJ
Metals	SO-17322-030508-MC-BH7008	Antimony	22	22	0.13	75-125	20	0.19 U	mg/kg	R
	SO-17322-030508-MC-BH8008							0.034 J	mg/kg	J
	SO-17322-030508-MC-BH8108							0.047 J	mg/kg	J
Metals	SO-17322-030608-MC-BH7108	Antimony	28	24	17	75-125	20	0.052 J	mg/kg	J
	SO-17322-030608-MC-BH8708							0.051 J	mg/kg	J
Metals	SO-17322-030608-MC-001	Antimony	36	34	7.4	75-125	20	0.053 J	mg/kg	J
	SO-17322-030608-MC-002							0.066 J	mg/kg	J
	SO-17322-030608-MC-003							0.080 J	mg/kg	J
	SO-17322-030608-MC-004							0.16 J	mg/kg	J
	SO-17322-030708-MC-001							0.063 J	mg/kg	J
	SO-17322-030708-MC-002							0.070 J	mg/kg	J
	SO-17322-030708-MC-003							0.044 J	mg/kg	J
	SO-17322-030708-MC-004							0.041 J	mg/kg	J
	SO-17322-030708-MC-005							0.049 J	mg/kg	J
	SO-17322-030708-MC-006							0.098 J	mg/kg	J
	SO-17322-030708-MC-007							0.081 J	mg/kg	J
	SO-17322-030708-MC-008							0.057 J	mg/kg	J

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-030608-MC-003	Antimony	22	23		75-125	20	0.19 U	mg/kg	R
	SO-17322-030608-MC-004							0.066 B	mg/kg	J
	SO-17322-030708-MC-003							0.074 B	mg/kg	J
	SO-17322-030708-MC-004							0.054 B	mg/kg	J
	SO-17322-030708-MC-005							0.030 B	mg/kg	J
	SO-17322-030708-MC-006							0.056 B	mg/kg	J
	SO-17322-030708-MC-007							0.067 B	mg/kg	J
	SO-17322-030708-MC-008							0.057 B	mg/kg	J
	SO-17322-030708-MC-009							0.064 B	mg/kg	J
	SO-17322-030708-MC-010							0.053 B	mg/kg	J
	SO-17322-030708-MC-011							0.060 B	mg/kg	J
	SO-17322-030708-MC-012							0.069 B	mg/kg	J
	SO-17322-030708-MC-013							0.063 B	mg/kg	J
	SO-17322-030708-MC-014							0.056 B	mg/kg	J
	SO-17322-030708-MC-015							0.067 B	mg/kg	J
	SO-17322-031008-CB-003							0.077 B	mg/kg	J
	SO-17322-031008-CB-005							0.074 B	mg/kg	J
	SO-17322-031008-CB-007							0.060 B	mg/kg	J
	SO-17322-031008-CB-009							0.071 B	mg/kg	J
	SO-17322-031008-CB-012							0.074 B	mg/kg	J
Metals	SO-17322-031308-CB-053	Antimony	41	39	4.2	75-125	20	0.034 B	mg/kg	J
	SO-17322-031308-CB-055							0.18 U	mg/kg	UJ
	SO-17322-031308-CB-059							0.18 U	mg/kg	UJ
	SO-17322-031308-CB-060							0.043 B	mg/kg	J
	SO-17322-031308-CB-061							0.19 U	mg/kg	UJ
	SO-17322-031408-CB-062							0.12 B	mg/kg	J
	SO-17322-031408-CB-063							0.17 U	mg/kg	UJ
	SO-17322-031408-CB-067							0.045 B	mg/kg	J
	SO-17322-031408-CB-069							0.077 B	mg/kg	J

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-031208-CB-032	Antimony	22	22	0.97	75-125	20	0.14 B	mg/kg	J
	SO-17322-031208-CB-034							0.092 B	mg/kg	J
	SO-17322-031208-CB-035							0.080 B	mg/kg	J
	SO-17322-031208-CB-037							0.069 B	mg/kg	J
	SO-17322-031208-CB-040							0.072 B	mg/kg	J
	SO-17322-031208-CB-043							0.070 B	mg/kg	J
	SO-17322-031208-CB-047							0.064 B	mg/kg	J
	SO-17322-031208-CB-048							0.067 B	mg/kg	J
	SO-17322-031208-CB-050							0.18 U	mg/kg	R
Metals	SO-17322-031208-CB-044	Antimony	63	32	64	75-125	20	0.042 B	mg/kg	J
Metals	SO-17322-031308-CB-053	Arsenic	32	33	0.82	75-125	20	4.1	mg/kg	J
	SO-17322-031308-CB-055							4.4	mg/kg	J
	SO-17322-031308-CB-059							3.9	mg/kg	J
	SO-17322-031308-CB-060							4.0	mg/kg	J
	SO-17322-031308-CB-061							3.1	mg/kg	J
	SO-17322-031408-CB-062							12.1	mg/kg	J
	SO-17322-031408-CB-063							2.7	mg/kg	J
	SO-17322-031408-CB-067							5.6	mg/kg	J
	SO-17322-031408-CB-069							7.4	mg/kg	J
Metals	SO-17322-031308-CB-053	Calcium	50	50	0.39	75-125	20	44900	mg/kg	J
	SO-17322-031308-CB-055							71700	mg/kg	J
	SO-17322-031308-CB-059							81300	mg/kg	J
	SO-17322-031308-CB-060							83300	mg/kg	J
	SO-17322-031308-CB-061							38400	mg/kg	J
	SO-17322-031408-CB-062							4350	mg/kg	J
	SO-17322-031408-CB-063							39500	mg/kg	J
	SO-17322-031408-CB-067							86200	mg/kg	J
	SO-17322-031408-CB-069							77500	mg/kg	J

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-031308-CB-053	Chromium Total	42	37	16	75-125	20	14.3	mg/kg	J
	SO-17322-031308-CB-055							11.3	mg/kg	J
	SO-17322-031308-CB-059							12.0	mg/kg	J
	SO-17322-031308-CB-060							15.0	mg/kg	J
	SO-17322-031308-CB-061							10.1	mg/kg	J
	SO-17322-031408-CB-062							23.6	mg/kg	J
	SO-17322-031408-CB-063							3.6	mg/kg	J
	SO-17322-031408-CB-067							8.9	mg/kg	J
	SO-17322-031408-CB-069							15.5	mg/kg	J
Metals	SO-17322-031308-CB-053	Copper	14	24	5.6	75-125	20	13.4	mg/kg	J
	SO-17322-031308-CB-055							12.7	mg/kg	J
	SO-17322-031308-CB-059							15.7	mg/kg	J
	SO-17322-031308-CB-060							18.1	mg/kg	J
	SO-17322-031308-CB-061							10.2	mg/kg	J
	SO-17322-031408-CB-062							48.9	mg/kg	J
	SO-17322-031408-CB-063							5.1	mg/kg	J
	SO-17322-031408-CB-067							16.6	mg/kg	J
	SO-17322-031408-CB-069							19.8	mg/kg	J
Metals	SO-17322-031308-CB-053	Lead	69	74	4.4	75-125	20	7.4	mg/kg	J
	SO-17322-031308-CB-055							5.5	mg/kg	J
	SO-17322-031308-CB-059							6.8	mg/kg	J
	SO-17322-031308-CB-060							6.5	mg/kg	J
	SO-17322-031308-CB-061							6.5	mg/kg	J
	SO-17322-031408-CB-062							18.0	mg/kg	J
	SO-17322-031408-CB-063							2.9	mg/kg	J
	SO-17322-031408-CB-067							6.8	mg/kg	J
	SO-17322-031408-CB-069							8.6	mg/kg	J

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-031308-CB-053	Magnesium	45	63	14	75-125	20	18600	mg/kg	J
	SO-17322-031308-CB-055							14500	mg/kg	J
	SO-17322-031308-CB-059							12800	mg/kg	J
	SO-17322-031308-CB-060							15100	mg/kg	J
	SO-17322-031308-CB-061							9350	mg/kg	J
	SO-17322-031408-CB-062							4460	mg/kg	J
	SO-17322-031408-CB-063							7430	mg/kg	J
	SO-17322-031408-CB-067							15700	mg/kg	J
	SO-17322-031408-CB-069							9930	mg/kg	J
Metals	SO-17322-030608-MC-BH7108	Manganese	155	159	0.87	75-125	20	130	mg/kg	J
	SO-17322-030608-MC-BH8708							365	mg/kg	J
Metals	SO-17322-031308-CB-053	Nickel	54	68	11	75-125	20	13.3	mg/kg	J
	SO-17322-031308-CB-055							15.3	mg/kg	J
	SO-17322-031308-CB-059							19.3	mg/kg	J
	SO-17322-031308-CB-060							18.2	mg/kg	J
	SO-17322-031308-CB-061							13.2	mg/kg	J
	SO-17322-031408-CB-062							40.0	mg/kg	J
	SO-17322-031408-CB-063							5.5	mg/kg	J
	SO-17322-031408-CB-067							15.0	mg/kg	J
	SO-17322-031408-CB-069							24.8	mg/kg	J
Metals	GW-17322-040708-CB-001	Potassium	131	129	0.02	75-125	20	5320	µg/L	J
	GW-17322-040708-CB-002							4550	µg/L	J
	GW-17322-040708-CB-003							22800	µg/L	J
	GW-17322-040708-CB-004							5990	µg/L	J
	GW-17322-040708-CB-005							2240	µg/L	J
	GW-17322-040808-CB-006							6790	µg/L	J
	GW-17322-040808-CB-007							6700	µg/L	J

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-030508-MC-BH7008	Selenium	70	66	4.1	75-125	20	0.58	mg/kg	J
	SO-17322-030508-MC-BH8008							0.90	mg/kg	J
	SO-17322-030508-MC-BH8108							0.89	mg/kg	J
Metals	SO-17322-030608-MC-BH7108	Selenium	72	73	0.72	75-125	20	0.85	mg/kg	J
	SO-17322-030608-MC-BH8708							1.4	mg/kg	J
Metals	SO-17322-031208-CB-032	Selenium	73	69	5.2	75-125	20	0.90	mg/kg	J
	SO-17322-031208-CB-034							0.49	mg/kg	J
	SO-17322-031208-CB-035							0.43	mg/kg	J
	SO-17322-031208-CB-037							0.45	mg/kg	J
	SO-17322-031208-CB-040							0.43	mg/kg	J
	SO-17322-031208-CB-043							0.43	mg/kg	J
	SO-17322-031208-CB-047							0.34	mg/kg	J
	SO-17322-031208-CB-048							0.36	mg/kg	J
	SO-17322-031208-CB-050							0.30	mg/kg	J
Metals	SO-17322-030508-MC-BH7008	Silver	74	69	6.7	75-125	20	2.1	mg/kg	J
	SO-17322-030508-MC-BH8008							0.091 U	mg/kg	UJ
	SO-17322-030508-MC-BH8108							0.055 B	mg/kg	J
Metals	SO-17322-030608-MC-003	Silver	66	73	9.1	75-125	20	0.095 U	mg/kg	UJ
	SO-17322-030608-MC-004							0.026 B	mg/kg	J
	SO-17322-030708-MC-003							0.031 B	mg/kg	J
	SO-17322-030708-MC-004							0.021 B	mg/kg	J
	SO-17322-030708-MC-005							0.026 B	mg/kg	J
	SO-17322-030708-MC-006							0.087 U	mg/kg	UJ
	SO-17322-030708-MC-007							0.091 U	mg/kg	UJ
	SO-17322-030708-MC-008							0.028 B	mg/kg	J
	SO-17322-030708-MC-009							0.091 U	mg/kg	UJ
	SO-17322-030708-MC-010							0.093 U	mg/kg	UJ
	SO-17322-030708-MC-011							0.089 U	mg/kg	UJ

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals (Continued)	SO-17322-030708-MC-012	Silver	66	73	9.1	75-125	20	0.083 U	mg/kg	UJ
	SO-17322-030708-MC-013							0.023 B	mg/kg	J
	SO-17322-030708-MC-014							0.019 B	mg/kg	J
	SO-17322-030708-MC-015							0.019 B	mg/kg	J
	SO-17322-031008-CB-003							0.035 B	mg/kg	J
	SO-17322-031008-CB-005							0.026 B	mg/kg	J
	SO-17322-031008-CB-007							0.022 B	mg/kg	J
	SO-17322-031008-CB-009							0.019 B	mg/kg	J
	SO-17322-031008-CB-012							0.034 B	mg/kg	J
Metals	SO-17322-031308-CB-053	Vanadium	58	70	9.9	75-125	20	21.5	mg/kg	J
	SO-17322-031308-CB-055							14.8	mg/kg	J
	SO-17322-031308-CB-059							15.7	mg/kg	J
	SO-17322-031308-CB-060							20.2	mg/kg	J
	SO-17322-031308-CB-061							13.1	mg/kg	J
	SO-17322-031408-CB-062							36.2	mg/kg	J
	SO-17322-031408-CB-063							6.1	mg/kg	J
	SO-17322-031408-CB-067							14.4	mg/kg	J
	SO-17322-031408-CB-069							19.6	mg/kg	J
Metals	SO-17322-031208-CB-032	Zinc	127	128	0.28	75-125	20	43.1	mg/kg	J
	SO-17322-031208-CB-034							37.4	mg/kg	J
	SO-17322-031208-CB-035							35.6	mg/kg	J
	SO-17322-031208-CB-037							25.1	mg/kg	J
	SO-17322-031208-CB-040							33.8	mg/kg	J
	SO-17322-031208-CB-043							31.9	mg/kg	J
	SO-17322-031208-CB-047							35.4	mg/kg	J
	SO-17322-031208-CB-048							37.4	mg/kg	J
	SO-17322-031208-CB-050							21.4	mg/kg	J

TABLE 7

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Associated Sample ID*	*Analyte*	*MS Recovery (percent)*	*MSD Recovery (percent)*	*RPD*	*Control Limits*		*Sample Result*	*Units*	*Qualifier*
						Recovery (percent)	*RPD (percent)*			
Metals	SO-17322-030608-MC-001	Zinc	44	69	7	75-125	20	33.8	mg/kg	J
	SO-17322-030608-MC-002							57.9	mg/kg	J
	SO-17322-030708-MC-001							33.2	mg/kg	J
	SO-17322-030708-MC-002							42.9	mg/kg	J
	SO-17322-031108-CB-015							34.7	mg/kg	J
	SO-17322-031108-CB-018							36.1	mg/kg	J
	SO-17322-031108-CB-020							27.6	mg/kg	J
	SO-17322-031108-CB-021							26.7	mg/kg	J
	SO-17322-031108-CB-023							28.6	mg/kg	J
	SO-17322-031108-CB-024							40.9	mg/kg	J
	SO-17322-031108-CB-025							90.6	mg/kg	J
	SO-17322-031108-CB-029							33.4	mg/kg	J

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
UJ - Estimated report limit
R - Rejected

Laboratory Qualifiers:

B (inorganics) - Estimated results
J (inorganics) - Method blank contamination. The associated method blank contains target analytes at a reportable level.
J (organics) - Estimated results
µ - not detected at or above associated value

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits*		*Sample Results*	*Units*	*Qualifier*
							%Rec	*%RPD*			
TCL VOC	1,1,2,2-Tetrachloroethane	03/17/08	WG-17322-031008-MC-001	81	85	4.1	85-118	0-20	4.0 U	µg/L	UJ
			WG-17322-031008-MC-002						2.5 U	µg/L	UJ
TCL VOC	4-Methyl-2-Pentanone	03/18/08	SO-17322-031308-CB-053	54	58	8.5	68-142	0-60	4600 U	µg/kg	UJ
			SO-17322-031308-CB-061						2300 U	µg/kg	UJ
TCL VOC	Acetone	03/18/08	SO-17322-031308-CB-053	13	8.2	48	58-130	0-30	1400 U	µg/kg	R
			SO-17322-031308-CB-061						700 U	µg/kg	R
TCL VOC	Bromodichloromethane	03/18/08	SO-17322-031308-CB-053	71	69	2.9	72-125	0-30	190 U	µg/kg	UJ
			SO-17322-031308-CB-061						93 U	µg/kg	UJ
TCL VOC	cis-1,3-Dichloropropene	03/17/08	SO-17322-031008-CB-005	67	66	1.9	71-125	0-30	46 U	µg/kg	UJ
TCL VOC	1,2-Dibromo-3-chloropropane (DBCP)	03/17/08	SO-17322-031008-CB-005	41	39	5.7	50-150	0-30	230 U	µg/kg	UJ
TCL VOC	Carbon tetrachloride	03/17/08	SO-17322-031008-CB-005	59	55	6.9	57-137	0-30	46 U	µg/kg	UJ
TCL VOC	trans-1,3-Dichloropropene	03/17/08	SO-17322-031008-CB-005	45	47	5.1	67-125	0-30	46 U	µg/kg	UJ
TCL VOC	1,2-Dibromo-3-chloropropane (DBCP)	03/18/08	SO-17322-031108-CB-020	28	31	8.5	50-150	0-30	220 U	µg/kg	UJ
			SO-17322-031108-CB-021						220 U	µg/kg	UJ
			SO-17322-031108-CB-029						220 U	µg/kg	UJ
TCL VOC	Bromodichloromethane	03/18/08	SO-17322-031108-CB-020	59	59	1.3	72-125	0-30	89 U	µg/kg	UJ
			SO-17322-031108-CB-021						88 U	µg/kg	UJ
			SO-17322-031108-CB-029						89 U	µg/kg	UJ
TCL VOC	Carbon tetrachloride	03/18/08	SO-17322-031108-CB-020	44	45	0.42	57-137	0-30	44 U	µg/kg	UJ
			SO-17322-031108-CB-021						44 U	µg/kg	UJ
			SO-17322-031108-CB-029						44 U	µg/kg	UJ
TCL VOC	cis-1,3-Dichloropropene	03/18/08	SO-17322-031108-CB-020	59	63	5.5	71-125	0-30	44 U	µg/kg	UJ
			SO-17322-031108-CB-021						44 U	µg/kg	UJ
			SO-17322-031108-CB-029						44 U	µg/kg	UJ
TCL VOC	Dibromochloromethane	03/18/08	SO-17322-031108-CB-020	39	41	4.6	49-135	0-30	44 U	µg/kg	UJ
			SO-17322-031108-CB-021						44 U	µg/kg	UJ
			SO-17322-031108-CB-029						44 U	µg/kg	UJ
TCL VOC	Dichlorodifluoromethane (CFC-12)	03/18/08	SO-17322-031108-CB-020	46	38	19	50-150	0-20	89 U	µg/kg	UJ
			SO-17322-031108-CB-021						88 U	µg/kg	UJ
			SO-17322-031108-CB-029						89 U	µg/kg	UJ

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	Compound	LCS Date	Associated Sample ID	LCS %Rec	LCSD %Rec	RPD (percent)	Control Limits %Rec	Control Limits %RPD	Sample Results	Units	Qualifier
TCL VOC	trans-1,3-Dichloropropene	03/18/08	SO-17322-031108-CB-020	41	45	9.6	67-125	0-30	44 U	µg/kg	UJ
			SO-17322-031108-CB-021						44 U	µg/kg	UJ
			SO-17322-031108-CB-029						44 U	µg/kg	UJ
TCL VOC	1,2-Dibromo-3-chloropropane (DBCP)	03/18/08	SO-17322-031208-CB-050	26	28	6	50-150	0-30	230 U	µg/kg	UJ
TCL VOC	Bromodichloromethane	03/18/08	SO-17322-031208-CB-050	51	53	3.7	72-125	0-30	91 U	µg/kg	UJ
TCL VOC	Carbon tetrachloride	03/18/08	SO-17322-031208-CB-050	42	45	7.3	57-137	0-30	46 U	µg/kg	UJ
TCL VOC	cis-1,3-Dichloropropene	03/18/08	SO-17322-031208-CB-050	59	63	5.3	71-125	0-30	46 U	µg/kg	UJ
TCL VOC	Dibromochloromethane	03/18/08	SO-17322-031208-CB-050	33	34	3.1	49-135	0-30	46 U	µg/kg	UJ
TCL VOC	trans-1,3-Dichloropropene	03/18/08	SO-17322-031208-CB-050	42	44	4.2	67-125	0-30	46 U	µg/kg	UJ
TCL VOC	1,1,1-Trichloroethane	03/18/08	SO-17322-031208-CB-050	63	68	7.4	67-123	0-30	46 U	µg/kg	UJ
TCL VOC	Acetone	03/18/08	SO-17322-031408-CB-063	75	36	71	58-130	0-30	790 U	µg/kg	UJ
TCL VOC	Bromodichloromethane	03/18/08	SO-17322-031408-CB-063	77	67	14	72-125	0-30	100 U	µg/kg	UJ
TCL VOC	cis-1,3-Dichloropropene	04/15/08	GW-17322-040708-CB-001	83	92	10	84-130	0-30	1.0 U	µg/L	UJ
			GW-17322-040708-CB-002						1.0 U	µg/L	UJ
			GW-17322-040708-CB-003						1.0 U	µg/L	UJ
			GW-17322-040708-CB-004						77 U	µg/L	UJ
			GW-17322-040708-CB-005						1.0 U	µg/L	UJ
TCL VOC	Tetrachloroethene	04/15/08	GW-17322-040708-CB-001	87	100	14	88-113	0-30	1.0 U	µg/L	UJ
			GW-17322-040708-CB-002						1.0 U	µg/L	UJ
			GW-17322-040708-CB-003						1.0 U	µg/L	UJ
			GW-17322-040708-CB-004						77 U	µg/L	UJ
			GW-17322-040708-CB-005						1.0 U	µg/L	UJ
TCL VOC	trans-1,3-Dichloropropene	04/15/08	GW-17322-040708-CB-001	82	93	13	84-130	0-30	1.0 U	µg/L	UJ
			GW-17322-040708-CB-002						1.0 U	µg/L	UJ
			GW-17322-040708-CB-003						1.0 U	µg/L	UJ
			GW-17322-040708-CB-004						77 U	µg/L	UJ
			GW-17322-040708-CB-005						1.0 U	µg/L	UJ
TCL VOC	cis-1,3-Dichloropropene	03/21/08	SO-17322-031208-CB-044	63	64	2.5	71-125	0-30	91 U	µg/kg	UJ
TCL VOC	trans-1,3-Dichloropropene	03/21/08	SO-17322-031208-CB-044	59	59	0.22	67-125	0-30	91 U	µg/kg	UJ
TCL VOC	Carbon tetrachloride	03/21/08	SO-17322-031208-CB-044	53	53	0.9	57-137	0-30	91 U	µg/kg	UJ

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	Compound	LCS Date	Associated Sample ID	LCS %Rec	LCSD %Rec	RPD (percent)	Control Limits %Rec	Control Limits %RPD	Sample Results	Units	Qualifier
TCL VOC	1,1,1-Trichloroethane	03/21/08	SO-17322-031208-CB-044	63	65	1.8	67-123	0-30	91 U	µg/kg	UJ
TCL VOC	Bromodichloromethane	03/21/08	SO-17322-031208-CB-044	60	58	2.9	72-125	0-30	180 U	µg/kg	UJ
TCL VOC	Acetone	03/27/08	SO-17322-031408-CB-065	75	36	71	58-130	0-30	1400 U	µg/kg	UJ
TCL VOC	Bromodichloromethane	03/27/08	SO-17322-031408-CB-065	77	67	14	72-125	0-30	190 U	µg/kg	UJ
TCL VOC	Acetone	04/08/08	LNAPL-17322-040308-CB-001	41	54	28	58-130	0-30	190000 U	µg/kg	UJ
TCL VOC	1,1,1-Trichloroethane	04/08/08	LNAPL-17322-040308-CB-001	59	63	7.6	67-123	0-30	48000 U	µg/kg	UJ
TCL VOC	Bromodichloromethane	04/08/08	LNAPL-17322-040308-CB-001	50	56	11	72-125	0-30	48000 U	µg/kg	UJ
TCL VOC	1,2-Dibromo-3-chloropropane (DBCP)	04/08/08	LNAPL-17322-040308-CB-001	37	41	10	50-150	0-30	93000 U	µg/kg	UJ
TCL SVOC	Caprolactam	04/08/08	GW-17322-040708-CB-001	37	42	14	50-130	0-30	5.0 U	µg/L	UJ
			GW-17322-040708-CB-002						5.0 U	µg/L	UJ
			GW-17322-040708-CB-003						5.0 U	µg/L	UJ
			GW-17322-040708-CB-004						9.0 U	µg/L	UJ
			GW-17322-040708-CB-005						5.0 U	µg/L	UJ
TCL SVOC	Caprolactam	04/09/08	GW-17322-040808-CB-006	29	-	-	50-13	-	5.0 U	µg/L	UJ
			GW-17322-040808-CB-007						5.0 U	µg/L	UJ
TCL SVOC	3,3'-Dichlorobenzidine	04/07/08	LNAPL-17322-040308-CB-001	25	27	7.7	36-110	0-30	3800000 U	µg/kg	UJ
Metals	Antimony	03/10/08	SO-17322-030508-MC-BH7008	70	NA	NA	80-120	20	0.19 U	mg/kg	R
			SO-17322-030508-MC-BH8008						0.034 B	mg/kg	J
			SO-17322-030508-MC-BH8108						0.047 B	mg/kg	J
Metals	Antimony	03/10/08	SO-17322-030608-MC-BH7108	74	NA	NA	80-120	20	0.052 B	mg/kg	J
			SO-17322-030608-MC-BH8708						0.051 B	mg/kg	J
Metals	Arsenic	03/10/08	SO-17322-030508-MC-BH7008	75	NA	NA	80-120	20	4.4	mg/kg	J
			SO-17322-030508-MC-BH8008						4.0	mg/kg	J
			SO-17322-030508-MC-BH8108						3.8	mg/kg	J
Metals	Arsenic	03/10/08	SO-17322-030608-MC-BH7108	76	NA	NA	80-120	20	1.7	mg/kg	J
			SO-17322-030608-MC-BH8708						4.2	mg/kg	J
Metals	Arsenic	03/14/08	SO-17322-030608-MC-003	73	NA	NA	80-120	20	2.6	mg/kg	J
			SO-17322-030608-MC-004						4.6	mg/kg	J
			SO-17322-030708-MC-003						2.7	mg/kg	J
			SO-17322-030708-MC-004						5.8	mg/kg	J
			SO-17322-030708-MC-005						1.2	mg/kg	J
			SO-17322-030708-MC-006						3.6	mg/kg	J

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits*		*Sample Results*	*Units*	*Qualifier*
							%Rec	*%RPD*			
Metals (Continued)	Arsenic	03/14/08	SO-17322-030708-MC-007	73	NA	NA	80-120	20	3.5	mg/kg	J
			SO-17322-030708-MC-008						2.8	mg/kg	J
			SO-17322-030708-MC-009						4.5	mg/kg	J
			SO-17322-030708-MC-010						3.3	mg/kg	J
			SO-17322-030708-MC-011						5.6	mg/kg	J
			SO-17322-030708-MC-012						4.1	mg/kg	J
			SO-17322-030708-MC-013						3.5	mg/kg	J
			SO-17322-030708-MC-014						4.8	mg/kg	J
			SO-17322-030708-MC-015						5.2	mg/kg	J
			SO-17322-031008-CB-003						4.1	mg/kg	J
			SO-17322-031008-CB-005						4.7	mg/kg	J
			SO-17322-031008-CB-007						2.5	mg/kg	J
			SO-17322-031008-CB-009						4.4	mg/kg	J
			SO-17322-031008-CB-012						4.7	mg/kg	J
Metals	Arsenic	03/14/08	SO-17322-031208-CB-032	74	NA	NA	80-120	20	5.2	mg/kg	J
			SO-17322-031208-CB-034						4.8	mg/kg	J
			SO-17322-031208-CB-035						4.7	mg/kg	J
			SO-17322-031208-CB-037						4.8	mg/kg	J
			SO-17322-031208-CB-040						3.8	mg/kg	J
			SO-17322-031208-CB-043						3.3	mg/kg	J
			SO-17322-031208-CB-047						4.6	mg/kg	J
			SO-17322-031208-CB-048						5.0	mg/kg	J
			SO-17322-031208-CB-050						0.97	mg/kg	J
Metals	Selenium	03/10/08	SO-17322-030508-MC-BH7008	71	NA	NA	80-120	20	0.58	mg/kg	J
			SO-17322-030508-MC-BH8008						0.90	mg/kg	J
			SO-17322-030508-MC-BH8108						0.89	mg/kg	J
Metals	Selenium	03/10/08	SO-17322-030608-MC-BH7108	72	NA	NA	80-120	20	0.85	mg/kg	J
			SO-17322-030608-MC-BH8708						1.4	mg/kg	J
Metals	Selenium	03/14/08	SO-17322-030608-MC-003	73	NA	NA	80-120	20	0.38	mg/kg	J
			SO-17322-030608-MC-004						0.53	mg/kg	J
			SO-17322-030708-MC-003						0.55	mg/kg	J
			SO-17322-030708-MC-004						0.76	mg/kg	J
			SO-17322-030708-MC-005						0.47	mg/kg	J
			SO-17322-030708-MC-006						0.17 B	mg/kg	J
			SO-17322-030708-MC-007						0.44	mg/kg	J
			SO-17322-030708-MC-008						0.41	mg/kg	J
			SO-17322-030708-MC-009						0.47	mg/kg	J
			SO-17322-030708-MC-010						0.41	mg/kg	J
			SO-17322-030708-MC-011						0.36	mg/kg	J
			SO-17322-030708-MC-012						0.21	mg/kg	J
			SO-17322-030708-MC-013						0.32	mg/kg	J
			SO-17322-030708-MC-014						0.49	mg/kg	J

TABLE 8

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Compound*	*LCS Date*	*Associated Sample ID*	*LCS %Rec*	*LCSD %Rec*	*RPD (percent)*	*Control Limits*		*Sample Results*	*Units*	*Qualifier*
							%Rec	*%RPD*			
Metals (Continued)	Selenium	03/14/08	SO-17322-030708-MC-015	73	NA	NA	80-120	20	0.50	mg/kg	J
			SO-17322-031008-CB-003						0.86	mg/kg	J
			SO-17322-031008-CB-005						0.72	mg/kg	J
			SO-17322-031008-CB-007						0.55	mg/kg	J
			SO-17322-031008-CB-009						0.52	mg/kg	J
			SO-17322-031008-CB-012						0.65	mg/kg	J
Metals	Selenium	03/14/08	SO-17322-031208-CB-032	74	NA	NA	80-120	20	0.90	mg/kg	J
			SO-17322-031208-CB-034						0.49	mg/kg	J
			SO-17322-031208-CB-035						0.43	mg/kg	J
			SO-17322-031208-CB-037						0.45	mg/kg	J
			SO-17322-031208-CB-040						0.43	mg/kg	J
			SO-17322-031208-CB-043						0.43	mg/kg	J
			SO-17322-031208-CB-047						0.34	mg/kg	J
			SO-17322-031208-CB-048						0.36	mg/kg	J
			SO-17322-031208-CB-050						0.30	mg/kg	J

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
J - Estimated concentration
U - Not reported at or above the associated value
UJ - Estimated report limit
R - Rejected

Laboratory Qualifiers:
B (inorganics) - Estimated results

TABLE 9

QUALIFIED SAMPLE RESULTS DUE TO OUTLYING INTERNAL STANDARD (IS) RECOVERIES
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Sample ID*	*IS*	*IS Area Count (percent)*	*Control Limits (percent)*	*Analytes*	*Sample Results*	*Units*	*Qualifier*
TCL VOC	SO-17322-031008-CB-007	1,4-Dichlorobenzene-d4	37	50-200	1,1,2,2-Tetrachloroethane	4.2 U	µg/kg	UJ
					1,2,4-Trichlorobenzene	4.2 U	µg/kg	UJ
					1,2,4-Trimethylbenzene	4.2 U	µg/kg	UJ
					1,2-Dibromo-3-chloropropane (DBCP)	8.5 U	µg/kg	UJ
					1,2-Dichlorobenzene	4.2 U	µg/kg	UJ
					1,3,5-Trimethylbenzene	4.2 U	µg/kg	UJ
					1,3-Dichlorobenzene	4.2 U	µg/kg	UJ
					1,4-Dichlorobenzene	4.2 U	µg/kg	UJ
TCL VOC	SO-17322-031208-CB-043	1,4-Dichlorobenzene-d4	21	50-200	1,1,2,2-Tetrachloroethane	3.5 U	µg/kg	R
					1,2,4-Trichlorobenzene	1.1 J	µg/kg	J
					1,2,4-Trimethylbenzene	3.5 U	µg/kg	R
					1,2-Dibromo-3-chloropropane (DBCP)	6.9 U	µg/kg	R
					1,2-Dichlorobenzene	0.31 J	µg/kg	J
					1,3,5-Trimethylbenzene	3.5 U	µg/kg	R
					1,3-Dichlorobenzene	0.40 J	µg/kg	J
					1,4-Dichlorobenzene	0.47 J	µg/kg	J

Notes:

TCL - Target Compound List
VOC - Volatile Organic Compounds
J - Estimated concentration
U - Not reported at or above the associated value
UJ - Estimated report limit
R - Rejected

TABLE 10

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Sample Results*	*Units*	*Qualifier*
SO-17322-030508-MC-BH8008	Nickel	10.8	0 - 10	SO-17322-030508-MC-BH7008	9.9	mg/kg	J
	Nickel			SO-17322-030508-MC-BH8008	16.2 E	mg/kg	J
	Nickel			SO-17322-030508-MC-BH8108	11.6	mg/kg	J
SO-17322-030708-MC-002	Nickel	11.8	0 - 10	SO-17322-030608-MC-001	13.9	mg/kg	J
	Nickel			SO-17322-030608-MC-002	18.1	mg/kg	J
	Nickel			SO-17322-030708-MC-001	8.2	mg/kg	J
	Nickel			SO-17322-030708-MC-002	15.3 E	mg/kg	J
	Nickel			SO-17322-031108-CB-015	11.5	mg/kg	J
	Nickel			SO-17322-031108-CB-018	21.3	mg/kg	J
	Nickel			SO-17322-031108-CB-020	13.8	mg/kg	J
	Nickel			SO-17322-031108-CB-021	13.7	mg/kg	J
	Nickel			SO-17322-031108-CB-023	16.3	mg/kg	J
	Nickel			SO-17322-031108-CB-024	11.2	mg/kg	J
	Nickel			SO-17322-031108-CB-025	13.3	mg/kg	J
	Nickel			SO-17322-031108-CB-029	18.0	mg/kg	J
SO-17322-030708-MC-003	Nickel	12.1	0 - 10	SO-17322-030608-MC-003	8.4	mg/kg	J
	Nickel			SO-17322-030608-MC-004	24.9	mg/kg	J
	Nickel			SO-17322-030708-MC-003	20.9 E	mg/kg	J
	Nickel			SO-17322-030708-MC-004	14.1	mg/kg	J
	Nickel			SO-17322-030708-MC-005	13.7	mg/kg	J
	Nickel			SO-17322-030708-MC-006	7.5	mg/kg	J
	Nickel			SO-17322-030708-MC-007	17.5	mg/kg	J
	Nickel			SO-17322-030708-MC-008	8.0	mg/kg	J
	Nickel			SO-17322-030708-MC-009	25.1	mg/kg	J
	Nickel			SO-17322-030708-MC-010	9.8	mg/kg	J
	Nickel			SO-17322-030708-MC-011	13.8	mg/kg	J
	Nickel			SO-17322-030708-MC-012	8.8	mg/kg	J
	Nickel			SO-17322-030708-MC-013	13.2	mg/kg	J
	Nickel			SO-17322-030708-MC-014	15.8	mg/kg	J
	Nickel			SO-17322-030708-MC-015	18.4	mg/kg	J
	Nickel			SO-17322-031008-CB-003	21.8	mg/kg	J

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Sample Results*	*Units*	*Qualifier*
SO-17322-030708-MC-003 (Cont)	Nickel			SO-17322-031008-CB-005	19.2	mg/kg	J
	Nickel			SO-17322-031008-CB-007	22.2	mg/kg	J
	Nickel			SO-17322-031008-CB-009	19.5	mg/kg	J
	Nickel			SO-17322-031008-CB-012	19.2	mg/kg	J
SO-17322-030508-MC-BH8008	Zinc	12.7		SO-17322-030508-MC-BH7008	22.0	mg/kg	J
	Zinc			SO-17322-030508-MC-BH8008	34.8	mg/kg	J
	Zinc			SO-17322-030508-MC-BH8108	20.4	mg/kg	J
SO-17322-030708-MC-003	Zinc	15.8		SO-17322-030608-MC-003	19.2	mg/kg	J
	Zinc			SO-17322-030608-MC-004	36.5	mg/kg	J
	Zinc			SO-17322-030708-MC-003	33.3	mg/kg	J
	Zinc			SO-17322-030708-MC-004	47.5	mg/kg	J
	Zinc			SO-17322-030708-MC-005	31.6	mg/kg	J
	Zinc			SO-17322-030708-MC-006	18.7	mg/kg	J
	Zinc			SO-17322-030708-MC-007	35.9	mg/kg	J
	Zinc			SO-17322-030708-MC-008	28.6	mg/kg	J
	Zinc			SO-17322-030708-MC-009	39.1	mg/kg	J
	Zinc			SO-17322-030708-MC-010	30.1	mg/kg	J
	Zinc			SO-17322-030708-MC-011	27.3	mg/kg	J
	Zinc			SO-17322-030708-MC-012	22.1	mg/kg	J
	Zinc			SO-17322-030708-MC-013	25.0	mg/kg	J
	Zinc			SO-17322-030708-MC-014	31.8	mg/kg	J
	Zinc			SO-17322-030708-MC-015	36.1	mg/kg	J
	Zinc			SO-17322-031008-CB-003	41.7	mg/kg	J
	Zinc			SO-17322-031008-CB-005	33.7	mg/kg	J
	Zinc			SO-17322-031008-CB-007	39.7	mg/kg	J
	Zinc			SO-17322-031008-CB-009	33.4	mg/kg	J
	Zinc			SO-17322-031008-CB-012	79.4	mg/kg	J

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Sample ID	*Analyte*	*%D*	*Control Limits*	*Associated Samples*	*Sample Results*	*Units*	*Qualifier*
SO-17322-030708-MC-002	Zinc	10.8		SO-17322-030608-MC-001	33.8	mg/kg	J
	Zinc			SO-17322-030608-MC-002	57.9	mg/kg	J
	Zinc			SO-17322-030708-MC-001	33.2	mg/kg	J
	Zinc			SO-17322-030708-MC-002	42.9	mg/kg	J
	Zinc			SO-17322-031108-CB-015	34.7	mg/kg	J
	Zinc			SO-17322-031108-CB-018	36.1	mg/kg	J
	Zinc			SO-17322-031108-CB-020	27.6	mg/kg	J
	Zinc			SO-17322-031108-CB-021	26.7	mg/kg	J
	Zinc			SO-17322-031108-CB-023	28.6	mg/kg	J
	Zinc			SO-17322-031108-CB-024	40.9	mg/kg	J
	Zinc			SO-17322-031108-CB-025	90.6	mg/kg	J
	Zinc			SO-17322-031108-CB-029	33.4	mg/kg	J

Notes:

J - Estimated concentration

Laboratory Qualifiers:

E (inorganics) - Serial dilution outlier

TABLE 11

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-031108-CB-020				*SO-17322-031108-CB-021*							
TCL VOC	cis-1,2-Dichloroethene	410	44	88	220	730	44	88	220	NA	56	µg/kg	None
	trans-1,2-Dichloroethene	48	44	88	220	90	44	88	220	42	NA	µg/kg	None
	Trichloroethene	120	44	88	220	220	44	88	220	100	NA	µg/kg	J
	Vinyl chloride	45	44	88	220	66	44	88	220	21	NA	µg/kg	None
TCL SVOC	Phenanthrene	7.5	7.4	15	37	7.8	7.4	15	37	0.3	NA	µg/kg	None
	Pyrene	7.5	7.4	15	37	8.0	7.4	15	37	0.5	NA	µg/kg	None
Metals	Aluminum	5250	17.7	35.4	88.5	5290	17.7	35.4	88.5	NA	0.8	mg/kg	None
	Antimony	0.044 J	0.18	0.360	0.900	0.041 J	0.18	0.360	0.900	0.003	NA	mg/kg	None
	Arsenic	4.2	0.089	0.2	0.445	4.1	0.088	0.2	0.440	NA	2.4	mg/kg	None
	Barium	34.6	0.89	1.78	4.45	31.5	0.88	1.76	4.40	NA	9.4	mg/kg	None
	Beryllium	0.27	0.18	0.36	0.90	0.27	0.18	0.36	0.90	0.0	NA	mg/kg	None
	Cadmium	0.22	0.089	0.2	0.4	0.21	0.088	0.2	0.4	0.01	NA	mg/kg	None
	Calcium	61600	443	886.00	2215	57200	442	884.00	2210	NA	7.4	mg/kg	None
	Chromium III (Trivalent)	11.4	0.44	0.88	2.20	10.1	0.44	0.88	2.20	NA	12	mg/kg	None
	Chromium Total	12.4	0.44	0.88	2.20	10.4	0.44	0.88	2.20	NA	18	mg/kg	None
	Chromium VI (Hexavalent)	1.1	0.89	1.78	4.45	0.27 J	0.88	1.76	4.40	0.8	NA	mg/kg	None
	Cobalt	5.3	0.44	0.9	2.20	6.2	0.44	0.9	2.20	NA	16	mg/kg	None
	Copper	10.6	0.89	1.78	4.45	11.1	0.88	1.76	4.40	NA	4.6	mg/kg	None
	Iron	10900	8.9	17.80	44.5	10800	8.8	17.6	44.0	NA	0.9	mg/kg	None
	Lead	4.9	0.27	0.540	1.35	5.2	0.26	0.520	1.30	NA	5.9	mg/kg	None
	Magnesium	18500	88.5	177.00	442.5	15300	88.3	177	442	NA	19	mg/kg	None
	Manganese	278	0.89	1.78	4.45	302	0.88	1.76	4.40	NA	8.3	mg/kg	None
	Mercury	0.044 U	0.044	0.09	0.22	0.017 J	0.044	0.09	0.22	NC	NC	mg/kg	None
	Nickel	13.8 J	0.89	1.780	4.45	13.7 J	0.88	1.760	4.40	NA	0.7	mg/kg	None
	Potassium	1090	443	886	2215	1110	442	884	2210	20	NA	mg/kg	None
	Selenium	0.35	0.19	0.38	0.95	0.30	0.19	0.38	0.95	0.05	NA	mg/kg	None
	Sodium	834	88.5	177.00	442.5	874	88.3	176.60	441.5	NA	4.7	mg/kg	None
	Thallium	0.13	0.089	0.18	0.45	0.14	0.088	0.18	0.44	0.01	NA	mg/kg	None
	Vanadium	14.3	0.89	1.780	4.45	14.2	0.88	1.760	4.40	NA	0.7	mg/kg	None
	Zinc	27.6 J	0.89	1.780	4.45	26.7 J	0.88	1.760	4.40	NA	3.3	mg/kg	None

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-031108-CB-024				*SO-17322-031108-CB-025*							
TCL VOC	1,1-Dichloroethene	3.4 J	6.4	12.8	32	1.8 J	6.4	12.8	32	1.60	NA	µg/kg	None
TCL SVOC	Benzo(a)anthracene	8.8	7.3	15	37	7.3 U	7.3	15	37	NC	NC	µg/kg	None
	Benzo(a)pyrene	8.1	7.3	15	37	7.3 U	7.3	15	37	NC	NC	µg/kg	None
	Benzo(b)fluoranthene	8.6	7.3	15	37	7.3 U	7.3	15	37	NC	NC	µg/kg	None
	Benzo(g,h,i)perylene	8.8	7.3	15	37	7.3 U	7.3	15	37	NC	NC	µg/kg	None
	bis(2-Ethylhexyl)phthalate	28 J	54	108	270	41 J	55	110	275	13	NA	µg/kg	None
	Chrysene	12	7.3	15	37	10	7.3	15	37	2.0	NA	µg/kg	None
	Fluoranthene	14	7.3	15	37	7.3 U	7.3	15	37	NC	NA	µg/kg	None
	Pyrene	13	7.3	15	37	7.7	7.3	15	37	5.3	NA	µg/kg	None
Metals	Aluminum	2930	17.4	34.8	87.0	3450	17.5	35.0	87.5	NA	16	mg/kg	None
	Antimony	0.098 J	0.17	0.340	0.850	0.081 J	0.18	0.360	0.900	0.017	NA	mg/kg	None
	Arsenic	5.1	0.087	0.174	0.435	6.4	0.088	0.176	0.440	NA	23	mg/kg	None
	Barium	17.1	0.87	1.74	4.35	17.4	0.88	1.76	4.40	NA	1.7	mg/kg	None
	Beryllium	0.21	0.17	0.34	0.85	0.22	0.18	0.36	0.90	0.01	NA	mg/kg	None
	Cadmium	0.30	0.087	0.2	0.435	0.36	0.088	0.176	0.440	0.06	18	mg/kg	None
	Calcium	45600	435	870	2175	37500	439	878	2195	NA	19	mg/kg	None
	Chromium III (Trivalent)	4.7	0.43	0.86	2.15	5.0	0.44	0.88	2.20	NA	6.2	mg/kg	None
	Chromium Total	6.5	0.43	0.86	2.15	7.1	0.44	0.88	2.20	NA	8.8	mg/kg	None
	Chromium VI (Hexavalent)	1.8	0.87	1.74	4.35	2.1	0.88	1.76	4.40	0.30	NA	mg/kg	None
	Cobalt	4.3	0.43	0.860	2.15	4.8	0.44	0.880	2.20	NA	11	mg/kg	None
	Copper	9.6	0.87	1.74	4.35	12.7	0.88	1.76	4.40	NA	28	mg/kg	None
	Iron	7900	8.7	17.40	43.5	9870	8.8	17.60	44.0	NA	22	mg/kg	None
	Lead	5.9	0.26	0.520	1.3	6.7	0.26	0.520	1.30	NA	13	mg/kg	None
	Magnesium	11800	87.0	174	435	11400	87.7	175.4	438.5	NA	3.4	mg/kg	None
	Manganese	250	0.87	1.74	4.35	228	0.88	1.76	4.40	NA	9.2	mg/kg	None
	Mercury	0.043 U	0.043	0.086	0.215	0.017 J	0.044	0.088	0.220	NC	NC	mg/kg	None
	Nickel	11.2 J	0.87	1.74	4.35	13.3 J	0.88	1.76	4.40	NA	17	mg/kg	None
	Potassium	639	435	870	2175	683	439	878	2195	44.0	6.7	mg/kg	None
	Selenium	0.31	0.18	0.36	0.90	0.33	0.19	0.38	0.95	0.020	NA	mg/kg	None

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-031108-CB-024				*SO-17322-031108-CB-025*							
Metals	Silver	0.019 J	0.087	0.174	0.435	0.88 U	0.088	0.176	0.440	NC	NC	mg/kg	None
	Thallium	0.22	0.087	0.174	0.435	0.22	0.088	0.176	0.440	0.0	NA	mg/kg	None
	Vanadium	9.9	0.87	1.74	4.35	10.8	0.88	1.76	4.40	NA	8.7	mg/kg	None
	Zinc	40.9 J	0.87	1.74	4.35	90.6 J	0.88	1.76	4.40	NA	76	mg/kg	None
		SO-17322-031208-CB-034				*SO-17322-031208-CB-035*							
TCL SVOC	bis(2-Ethylhexyl)phthalate	56 U	56	112	280	60	56	112	280	NC	NC	µg/kg	None
Metals	Aluminum	7610	18.0	36.0	90	6990	17.9	35.8	90	NA	8.5	mg/kg	None
	Antimony	0.092 J	0.18	0.36	0.90	0.080 J	0.18	0.36	0.90	0.012	NA	mg/kg	None
	Arsenic	4.8 J	0.090	0.18	0.45	4.7 J	0.089	0.18	0.45	NA	2.1	mg/kg	None
	Barium	47.3	0.90	1.80	4.5	45.8	0.89	1.78	4.5	NA	3.2	mg/kg	None
	Beryllium	0.51	0.18	0.36	0.90	0.48 U	0.48	0.96	2.40	0.03	NA	mg/kg	None
	Calcium	83700	2250	4500	11250	74200	2230	4460	11150	NA	12	mg/kg	None
	Chromium III (Trivalent)	12.0	0.45	0.900	2.25	12.3	0.45	0.900	2.25	NA	2.5	mg/kg	None
	Chromium Total	13.0	0.45	0.90	2.25	12.3	0.45	0.90	2.25	NA	5.5	mg/kg	None
	Chromium VI (Hexavalent)	1.0	0.90	1.80	4.5	0.89 U	0.89	1.78	4.5	0.11	NA	mg/kg	None
	Cobalt	7.8	0.45	0.90	2.3	7.0	0.45	0.90	2.3	NA	11	mg/kg	None
	Copper	17.5	0.90	1.800	4.50	17.2	0.89	1.780	4.45	NA	1.7	mg/kg	None
	Iron	16100	45.0	90	225	14500	44.7	89.4	223.5	NA	10	mg/kg	None
	Lead	6.6	0.27	0.54	1.35	6.5	0.27	0.54	1.35	NA	1.5	mg/kg	None
	Magnesium	14100	90.0	180	450	12600	89.3	178.6	446.5	NA	11	mg/kg	None
	Manganese	421	0.90	1.80	4.50	391	0.89	1.78	4.45	NA	7.4	mg/kg	None
	Mercury	0.022 J	0.045	0.09	0.2	0.022 J	0.045	0.09	0.2	0.0	NA	mg/kg	None
	Nickel	20.8	0.90	1.80	4.50	19.7	0.89	1.78	4.45	NA	5.4	mg/kg	None
	Potassium	1540	450	900	2250	1460	447	894	2235	80	NA	mg/kg	None
	Selenium	0.49 J	0.19	0.38	0.95	0.43 J	0.19	0.38	0.95	0.06	NA	mg/kg	None
	Sodium	90 U	90	180	450	78.7 J	89.3	178.6	446.5	NC	NC	mg/kg	None
	Vanadium	17.4	0.90	1.80	4.5	16.0	0.89	1.78	4.5	NA	8.4	mg/kg	None
	Zinc	37.4 J	0.90	1.800	4.50	35.6 J	0.89	1.780	4.45	NA	4.9	mg/kg	None

TABLE 11

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		SO-17322-031208-CB-047				*SO-17322-031208-CB-048*							
TCL VOC	1,2-Dichlorobenzene	0.28 J	3.7	7.4	19	4.2 U	4.2	8.4	21	NC	NC	µg/kg	None
	Toluene	0.21 J	3.7	7.4	19	4.2 U	4.2	8.4	21	NC	NC	µg/kg	None
	Trichloroethene	0.47 J	3.7	7.4	19	4.2 U	4.2	8.4	21	NC	NC	µg/kg	None
TCL SVOC	bis(2-Ethylhexyl)phthalate	26 J	56	112	280	56 U	56	112	280	NC	NC	µg/kg	None
Metals	Aluminum	5490	17.8	35.6	89.0	5930	17.8	35.6	89.0	NA	7.7	mg/kg	None
	Antimony	0.064 J	0.18	0.360	0.900	0.067 J	0.18	0.360	0.900	0.003	NA	mg/kg	None
	Arsenic	4.6 J	0.089	0.18	0.45	5.0 J	0.089	0.18	0.45	NA	8.3	mg/kg	None
	Barium	38.1	0.89	1.78	4.5	38.4	0.89	1.78	4.5	NA	0.78	mg/kg	None
	Cadmium	0.30	0.089	0.18	0.45	0.33	0.089	0.18	0.45	0.03	NA	mg/kg	None
	Calcium	57400	444	888	2220	73100	2220	4440	11100	NA	24	mg/kg	None
	Chromium III (Trivalent)	9.7	0.44	0.88	2.20	10.7	0.44	0.88	2.20	NA	9.8	mg/kg	None
	Chromium Total	9.7	0.44	0.88	2.20	10.7	0.44	0.88	2.20	NA	9.8	mg/kg	None
	Cobalt	5.3	0.44	0.88	2.20	6.4	0.44	0.88	2.20	NA	19	mg/kg	None
	Copper	12.6	0.89	1.78	4.45	14.3	0.89	1.78	4.45	NA	13	mg/kg	None
	Iron	11000	8.9	17.8	44.5	12700	44.5	89	222.5	NA	14	mg/kg	None
	Lead	4.2	0.27	0.54	1.35	5.1	0.27	0.54	1.35	NA	19	mg/kg	None
	Magnesium	15400	88.9	177.8	444.5	19400	88.9	177.8	444.5	NA	23	mg/kg	None
	Manganese	338	0.89	1.78	4.45	290	0.89	1.78	4.45	NA	15	mg/kg	None
	Mercury	0.020 J	0.044	0.1	0.2	0.063	0.044	0.1	0.2	0.04	NA	mg/kg	None
	Nickel	14.4	0.89	1.78	4.45	14.8	0.89	1.780	4.45	NA	2.7	mg/kg	None
	Potassium	1140	444	888	2220	1220	445	890	2225	80	NA	mg/kg	None
	Selenium	0.34 J	0.19	0.38	0.95	0.36 J	0.19	0.38	0.95	0.02	NA	mg/kg	None
	Sodium	U	88.9	177.8	444.5	108	88.9	177.80	444.5	NC	NC	mg/kg	None
	Thallium	0.16	0.089	0.18	0.4	0.17	0.089	0.18	0.4	0.01	NA	mg/kg	None
	Vanadium	14.0	0.89	1.78	4.45	15.7	0.89	1.78	4.45	NA	11	mg/kg	None
	Zinc	35.4 J	0.89	1.78	4.45	37.4 J	0.89	1.78	4.45	NA	NA	mg/kg	None

TABLE 11

QUALIFIED SAMPLES RESULTS DUE TO OUTLYING SERIAL DILUTIONS
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

		Original Sample ID				*Duplicate Sample ID*							
Parameter	*Analyte*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Result*	*RL*	*2 x RL*	*5 x RL*	*Diff.*	*RPD*	*Units*	*Qualifier*
		GW-17322-040808-CB-006				*GW-17322-040808-CB-007*							
TCL VOC	1,1-Dichloroethene	0.65 J	1	2	5	0.68 J	1	2	5	0.03	NA	µg/L	None
	2-Butanone (Methyl Ethyl Ketoı	25 U	25	50	125	0.74 J	25	50	125	NC	NC	µg/L	None
TCL SVOC	Fluoranthene	0.24	0.2	0.4	1	0.2 U	0.2	0.4	1	NC	NC	µg/L	None
Metals	Aluminum	22.5 J	50.0	100	250	26.2 J	50.0	100	250	3.7	NA	µg/L	None
	Barium	299	100	200	500	293	100	200	500	6.0	NA	µg/L	None
	Calcium	143000	5000	10000	25000	142000	5000	10000	25000	NA	0.70	µg/L	None
	Iron	7670	100	200	500	7880	100	200	500	NA	2.7	µg/L	None
	Magnesium	33500	1000	2000	5000	33000	1000	2000	5000	NA	1.5	µg/L	None
	Manganese	324	15.0	30	75	323	15.0	30	75	NA	0.31	µg/L	None
	Potassium	6790 J	1000	2000	5000	6700 J	1000	2000	5000	NA	1.3	µg/L	None
	Sodium	730000	5000	10000	25000	716000	5000	10000	25000	NA	1.9	µg/L	None
	Hexavalent Chromium	1.7	0.95	1.9	4.75	1.2	0.85	1.7	4.25	0.5	NA	µg/L	None

Notes:

TCL -Target Compound List
VOC -Volatile Organic Compounds
SVOC - Semivolatile Organic Compounds
PCB -Polychlorinated Biphenyls
RL - Reporting Limit
Diff. - The absolute difference between the concentrations of the Original Sample Result and the Duplicate Sample Result
RPD - Relative Percent Difference
J - Estimated concentration
U - Not reported at or above the associated value
UJ - Estimated reporting limit
NA - Not applicable
NC - Not calculable

TABLE 12

QUALIFIED SAMPLE DATA DUE TO ANALYTE CONCENTRATIONS IN THE TRIP BLANK
PHASE II ENVIRONMENTAL SITE ASSESSMENT
GENERAL MOTORS VALIDATION CENTER - PONTIAC, MICHIGAN
MARCH - APRIL 2008

Parameter	*Blank Date*	*Analyte*	*Blank Result*	*Associated Sample ID*	*Sample Result*	*Qualified Sample Result*	*Units*
TCL VOC	03/11/08	2-Butanone (Methyl Ethyl Ketone)	61	SO-17322-031108-CB-023	3.0 J	16 U	µg/kg
TCL VOC	04/07/08	Acetone	2	GW-17322-040708-CB-001	1.2 J	25 U	µg/L

Notes:

U - Not reported at or above the associated value

Laboratory Qualifiers:

J (organics) - Estimated results

APPENDIX F

ENVIRON DATA SCREENING AND RISK EVALUATION

ENVIRON

December 19, 2008

MEMORANDUM

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From: Francis Ramacciotti
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Subject: Soil, Groundwater, and LNAPL Data Evaluation
GM Pontiac Validation Center, Pontiac, Michigan

ENVIRON has performed a data screening and risk evaluation using the existing soil, groundwater, and light non-aqueous phase liquid (LNAPL) data collected at the General Motors (GM) Pontiac Validation Center in Pontiac, Michigan (Site) to identify potentially significant current and future exposures. Potential routine worker, maintenance worker, and construction worker exposures to soil, groundwater, and LNAPL were evaluated based on an understanding that GM intends to use a deed restriction to restrict future land use at the Site to commercial/industrial. The data used in the data screening and risk evaluation included those collected from 1989 through 2008 during various environmental site assessments. While the data collected in 2007 and 2008 are believed to be the most representative of current conditions at the Site, all data were used in screening and risk evaluation.

Methodology

Data screening was performed using Michigan Department of Environmental Quality (MDEQ) Part 201 Generic Screening Levels (MDEQ Operational Memorandum No. 1, Part 201 Cleanup Criteria, January 2006), which are based on a target cancer risk of 10^{-5} and a target hazard quotient of 1.

Soil screening criteria used include the following:

1. MDEQ Part 201 industrial and residential direct contact criteria;
2. MDEQ Part 201 industrial and residential soil volatilization to indoor air criteria;
3. MDEQ Part 201 industrial and residential soil inhalation criteria (outdoor air); and,
4. MDEQ Part 201 industrial and residential particulate inhalation criteria.

Groundwater screening criteria used include the following:

1. MDEQ Part 201 industrial and residential drinking water criteria;
2. MDEQ Part 201 industrial and residential groundwater volatilization to indoor air criteria; and
3. MDEQ Part 201 groundwater contact criteria.

The data screening included Part 201 criteria for residential soil and groundwater exposures even though current and reasonably expected future land use is commercial/industrial to assist in identifying locations that should be considered for inclusion in a "due care plan" under Michigan Part 201 (reference).

In addition to the data screening, ENVIRON calculated cumulative cancer risk and non-cancer hazard index (HI) estimates for potential exposure to constituents in soil, groundwater, and LNAPL at the Site for the following exposure scenarios:

- routine worker ingestion, dermal contact, and inhalation of constituents in soil during typical activities that occur outdoors;
- routine worker inhalation of constituents in soil, groundwater, or LNAPL that volatilize and migrate into indoor air assuming a hypothetical commercial/industrial building that has the characteristics that MDEQ assumed in its derivation of the commercial/industrial soil and groundwater volatilization to indoor air criteria;
- maintenance worker and construction worker ingestion, dermal contact, and inhalation of constituents in soil during excavations into the subsurface;
- maintenance worker and construction worker ingestion, dermal contact, and inhalation of constituents in groundwater during excavations that extend into groundwater; and,
- maintenance worker and construction worker dermal contact, and inhalation of constituents in LNAPL during excavations that extend into LNAPL.

Cumulative cancer risk and HI estimates for potential exposures to soil were calculated using the highest concentration of each chemical from any depth at all sample locations across the Site. Cumulative cancer risk and HI estimates for potential exposures to groundwater were calculated using the highest concentration of each chemical in groundwater from all sample locations across the Site during any sampling event. Cumulative cancer risk and HI estimates for potential exposures to LNAPL were calculated using the highest concentration of each chemical in LNAPL from MW69-08, which is the only location where LNAPL was sampled. Because the highest concentration detected in soil, groundwater, and LNAPL were used in the risk calculations, the resulting risk estimates should be considered upper-bound risk estimates, which are more conservative than reasonable maximum exposure (RME) risk estimates. Figure 1 shows the locations where data have been collected at the Site.

Summary of Results

The soil and groundwater data from the Site were compared to the screening criteria discussed above to identify locations that should be considered for inclusion in a "due care plan" under Michigan Part 201 Natural Resources and Environmental Reporting Act 1994 PA 541. The results of the comparison are summarized on Tables 1a and 2a, which show the highest site-

related[1] concentrations of constituents detected in soil and groundwater, and highlight the ratios of the concentration to screening criteria that are higher than 1. The individual soil and groundwater samples and constituents that exceeded the screening criteria are presented on Tables 1b and 2b, respectively.

The upper-bound cumulative cancer risk and HI estimates for potential routine worker contact with outdoor soil are summarized on Table 3a. Table 3a also summarizes the upper-bound risk estimates for potential routine worker exposure via vapor intrusion into a hypothetical commercial/industrial building and potential maintenance worker and construction worker contact with soil. As shown in this table, none of these upper-bound cumulative cancer risk estimates exceeds USEPA's acceptable cumulative cancer risk limit of 10^{-4} for RME risks. However, all of the upper-bound HI estimates exceed USEPA's acceptable HI limit of 1 for RME risks. The upper-bound HI estimates that exceed 1 are due to elevated xylene concentrations in soil (up to 23,000 mg/kg) at former tanks south of Building 17 (as shown on Figure 2). These xylene data were collected in 1989 and 1995 and may not be representative of current concentrations at this area. However, in the absence of more representative data these data are indicate a potential for significant exposure via volatilization to indoor air and routine worker, maintenance worker, and construction worker direct contact with soil in this area.

The upper-bound risk estimates for routine worker, maintenance worker, and construction worker direct contact exposures were refined to identify additional areas where potentially significant exposures may exist by removing the historic data collected at the former tanks south of Building 17 and using 95% UCLs in place of the maximum detected concentration for constituents contributing most significantly to the HI estimates. Specifically, the maximum detected concentrations of naphthalene, PCBs (total), manganese, and mercury were replaced with 95% UCLs which were conservatively calculated using maximum detected concentration with the highest concentrations at any depth from the nine locations nearest to the maximum concentration. These high-end estimates of cumulative cancer risk and HI for routine worker, maintenance worker, and construction worker exposure are shown on Table 3b. As shown on Table 3b, the cumulative cancer risk estimates, after incorporating these refinements, meet USEPA's HI limit for RME exposures except for the construction worker HI which slightly exceeds 1. However, the noncancer HI estimates on Table 3b sum the hazard quotient for individual chemicals regardless of the effects of each chemical. Segregating the hazard index by health effect or target organ, which is consistent with USEPA risk assessment methodology, gives HI estimates for construction worker exposure that do not exceed USEPA's HI limit, as shown on Table 3c.

The upper-bound HI estimate for potential routine worker exposure to constituents in soil that could volatilize and migrate into a hypothetical commercial/industrial building were refined by using the vertically averaged concentration of 1,2,4-trimethylbenzene at location MW-33-07 instead of the maximum detected concentration of 1,2,4-trimethylbenzene and are summarized on Table 3b. As shown in this table, the HI estimate for potential routine worker vapor intrusion exposure meets USEPA's acceptable noncancer HI limit of 1 for RME risk.

[1] Manganese concentrations at or below 440 mg/kg were assumed to represent the naturally occurring background concentration of manganese in soil (i.e., not included in site-related risk estimates) per MDEQ Part 201 (January 2006).

The upper-bound cumulative cancer risk and HI estimates for potential routine worker exposure via vapor intrusion and potential maintenance worker and construction worker direct contact exposure to constituents in groundwater are summarized on Table 4. As shown in this table, none of the upper-bound cumulative cancer risk and HI estimates exceeds USEPA's acceptable cumulative cancer risk and noncancer HI limits of 10^{-4} and 1 for RME risks, respectively.

The upper-bound cumulative cancer risk and HI estimates for potential routine worker exposure via vapor intrusion into a hypothetical commercial/industrial building and potential maintenance worker direct contact exposure to constituents in LNAPL are summarized on Table 5. As shown in this table, none of the upper-bound cumulative cancer risk and HI estimates exceeds USEPA's acceptable cumulative cancer risk and noncancer HI limits of 10^{-4} and 1 for RME risks, respectively, except the HI for potential maintenance worker or construction worker contact with LNAPL. The extent of LNAPL around monitoring well MW69-08, the location where LNAPL was sampled, has been delineated and is shown on Figure 3. LNAPL was also identified near monitoring well MW33-07, however, no sample of that LNAPL was collected for chemical analysis because of insufficient sample volume.

Based on the results summarized on Table 3b, Table 4, and Table 5, the soil, groundwater, and LNAPL data used in the evaluation do not indicate a potential for significant worker exposures at the Site, except for xylene concentrations in soil south of Building 17 (Figure 2) and chloromethane concentrations in LNAPL north of Building 17 (Figure 3).

Please contact us if you have questions regarding this evaluation for the GM Pontiac Validation Center Site.

Enclosures

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
Background	INORG	Antimony	7440-36-0		18	18	3.00E-02	1.60E-01						1.3E+04	1.2E-05	1.8E+02	8.9E-04					5.9E+03	2.7E-05	6.7E+02	2.4E-04
Background	INORG	Arsenic	7440-38-2	A	19	19	1.20E+00	6.70E+00						7.2E+02	9.3E-03	7.6E+00	8.8E-01					9.1E+02	7.4E-03	3.7E+01	1.8E-01
Background	INORG	Barium	7440-39-3	NC	19	19	4.70E+00	2.14E+02						3.3E+05	6.5E-04	3.7E+04	5.8E-03					1.5E+05	1.4E-03	1.3E+05	1.6E-03
Background	INORG	Beryllium	7440-41-7	B1	19	17	1.40E-01	4.40E-01						1.3E+03	3.4E-04	4.1E+02	1.1E-03					5.9E+02	7.5E-04	1.6E+03	2.8E-04
Background	INORG	Cadmium	7440-43-9	B1	19	19	6.40E-02	6.20E-01						1.7E+03	3.6E-04	5.5E+02	1.1E-03					2.2E+03	2.8E-04	2.1E+03	3.0E-04
Background	INORG	Chromium III	16065-83-1	D	19	19	4.49E+00	1.52E+01						3.3E+05	4.6E-05	7.9E+05	1.9E-05					1.5E+05	1.0E-04	1.0E+06	1.5E-05
Background	INORG	Cobalt	7440-48-4	LC	19	19	2.40E+00	1.33E+01						1.3E+04	1.0E-03	2.6E+03	5.1E-03					5.9E+03	2.3E-03	9.0E+03	1.5E-03
Background	INORG	Copper	7440-50-8	D	19	19	6.10E+00	1.80E+01						1.3E+05	1.4E-04	2.0E+04	9.0E-04					5.9E+04	3.1E-04	7.3E+04	2.5E-04
Background	INORG	Lead	7439-92-1	B2	19	19	3.50E+00	2.76E+01						1.0E+05	2.8E-04	4.0E+02	6.9E-02					4.4E+04	6.3E-04	9.0E+02	3.1E-02
Background	INORG	Manganese	7439-96-5	D	19	19	5.57E+01	4.11E+03	4.40E+02					3.3E+03	**1.1E+00**	2.5E+04	1.5E-01					1.5E+03	**2.4E+00**	9.0E+04	4.1E-02
Background	INORG	Mercury	7439-97-6	D	19	8	1.80E-02	4.80E-02		4.8E+01	1.0E-03	5.2E+01	9.2E-04	2.0E+04	2.4E-06	1.6E+02	3.0E-04	8.9E+01	5.4E-04	6.2E+01	7.7E-04	8.8E+03	5.5E-06	5.8E+02	8.3E-05
Background	INORG	Nickel	7440-02-0	A	19	19	7.50E+00	2.51E+01						1.3E+04	1.9E-03	4.0E+04	6.3E-04					1.6E+04	1.6E-03	1.5E+05	1.7E-04
Background	INORG	Selenium	7782-49-2	D	19	19	1.70E-01	7.60E-01						1.3E+05	5.8E-06	2.6E+03	2.9E-04					5.9E+04	1.3E-05	9.6E+03	7.9E-05
Background	INORG	Silver	7440-22-4	D	19	9	1.90E-02	3.80E-02						6.7E+03	5.7E-06	2.5E+03	1.5E-05					2.9E+03	1.3E-05	9.0E+03	4.2E-06
Background	INORG	Thallium	7440-28-0		19	14	1.30E-01	3.90E-01								3.5E+01	1.1E-02							1.3E+02	3.0E-03
Background	INORG	Vanadium	7440-62-2		19	19	8.10E+00	2.42E+01								7.5E+02	3.2E-02							5.5E+03	4.4E-03
Background	INORG	Zinc	7440-66-6	ID	19	19	1.87E+01	5.79E+01								1.7E+05	3.4E-04							6.3E+05	9.2E-05
PAOC01	VOC	Acetone	67-64-1	ID	11	4	5.80E-03	4.30E-02		1.1E+05	3.9E-07	1.3E+05	3.3E-07	3.9E+08	1.1E-10	2.3E+04	1.9E-06	1.1E+05	3.9E-07	1.6E+05	2.7E-07	1.7E+08	2.5E-10	7.3E+04	5.9E-07
PAOC01	VOC	Benzene	71-43-2	A	11	2	2.30E-04	2.40E-04		1.6E+00	1.5E-04	1.3E+01	1.8E-05	3.8E+05	6.3E-10	1.8E+02	1.3E-06	8.4E+00	2.9E-05	4.5E+01	5.3E-06	4.7E+05	5.1E-10	4.0E+02	6.0E-07
PAOC01	VOC	2-Butanone	78-93-3	ID	11	4	1.30E-03	8.80E-03		2.7E+04	3.3E-07	2.9E+04	3.0E-07	6.7E+07	1.3E-10	2.7E+04	3.3E-07	2.7E+04	3.3E-07	3.5E+04	2.5E-07	2.9E+07	3.0E-10	2.7E+04	3.3E-07
PAOC01	VOC	Carbon Disulfide	75-15-0		11	1	1.00E-03	1.00E-03		7.6E+01	1.3E-05	1.3E+03	7.7E-07	4.7E+07	2.1E-11	2.8E+02	3.6E-06	1.4E+02	7.1E-06	1.6E+03	6.3E-07	2.1E+07	4.8E-11	2.8E+02	3.6E-06
PAOC01	VOC	1,2-Dichlorobenzene	95-50-1	D	11	1	3.40E-04	3.40E-04		2.1E+02	1.6E-06	3.9E+04	8.7E-09	1.0E+08	3.4E-12	2.1E+02	1.6E-06	2.1E+02	1.6E-06	4.6E+04	7.4E-09	4.4E+07	7.7E-12	2.1E+02	1.6E-06
PAOC01	VOC	1,3-Dichlorobenzene	541-73-1	D	11	1	3.20E-04	3.20E-04								1.7E+02	1.9E-06							1.7E+02	1.9E-06
PAOC01	VOC	Ethyl Benzene	100-41-4	D	11	1	2.60E-04	2.60E-04		8.7E+01	3.0E-06	7.2E+02	3.6E-07	1.0E+07	2.6E-11	1.4E+02	1.9E-06	1.4E+02	1.9E-06	2.4E+03	1.1E-07	1.3E+07	2.0E-11	1.4E+02	1.9E-06
PAOC01	VOC	Methylene Chloride	75-09-2	B2	11	1	1.20E-03	1.20E-03		4.5E+01	2.7E-05	2.1E+02	5.7E-06	6.6E+06	1.8E-10	1.3E+03	9.2E-07	2.4E+02	5.0E-06	7.0E+02	1.7E-06	8.3E+06	1.4E-10	2.3E+03	5.2E-07
PAOC01	VOC	Toluene	108-88-3	ID	11	3	2.10E-04	5.60E-04		2.5E+02	2.2E-06	2.8E+03	2.0E-07	2.7E+07	2.1E-11	2.5E+02	2.2E-06	2.5E+02	2.2E-06	3.3E+03	1.7E-07	1.2E+07	4.7E-11	2.5E+02	2.2E-06
PAOC01	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	11	1	2.50E-03	2.50E-03		1.1E+02	2.3E-05	2.1E+04	1.2E-07	8.2E+07	3.0E-11	1.1E+02	2.3E-05	1.1E+02	2.3E-05	2.5E+04	1.0E-07	3.6E+07	6.9E-11	1.1E+02	2.3E-05
PAOC01	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	11	1	2.20E-03	2.20E-03		9.4E+01	2.3E-05	1.6E+04	1.4E-07	8.2E+07	2.7E-11	9.4E+01	2.3E-05	9.4E+01	2.3E-05	1.9E+04	1.2E-07	3.6E+07	6.1E-11	9.4E+01	2.3E-05
PAOC01	VOC	Xylenes (total)	1330-20-7	ID	11	2	8.70E-04	3.10E-03		1.5E+02	2.1E-05	4.6E+04	6.7E-08	2.9E+08	1.1E-11	1.5E+02	2.1E-05	1.5E+02	2.1E-05	5.4E+04	5.7E-08	1.3E+08	2.4E-11	1.5E+02	2.1E-05
PAOC01	SVOC	Acenaphthene	83-32-9		11	2	7.90E-03	5.10E-02		1.9E+05	2.7E-07	8.1E+04	6.3E-07	1.4E+07	3.6E-09	4.1E+04	1.2E-06	3.5E+05	1.5E-07	9.7E+04	5.3E-07	6.2E+06	8.2E-09	1.3E+05	3.9E-07
PAOC01	SVOC	Acenaphthylene	208-96-8	D	11	1	2.60E-02	2.60E-02		1.6E+03	1.6E-05	2.2E+03	1.2E-05	2.3E+06	1.1E-08	1.6E+03	1.6E-05	3.0E+03	8.7E-06	2.7E+03	9.6E-06	1.0E+06	2.6E-08	5.2E+03	5.0E-06
PAOC01	SVOC	Anthracene	120-12-7	D	11	3	1.40E-02	3.50E-01		1.0E+06	3.5E-07	1.4E+06	2.5E-07	6.7E+07	5.2E-09	2.3E+05	1.5E-06	1.0E+06	3.5E-07	1.6E+06	2.2E-07	2.9E+07	1.2E-08	7.3E+05	4.8E-07
PAOC01	SVOC	Benzo(a)anthracene	56-55-3	B2	11	6	1.50E-02	8.50E-01								2.0E+01	4.3E-02							8.0E+01	1.1E-02
PAOC01	SVOC	Benzo(a)pyrene	50-32-8	B2	11	4	1.70E-02	3.60E-01						1.5E+03	2.4E-04	2.0E+00	1.8E-01					1.9E+03	1.9E-04	8.0E+00	4.5E-02
PAOC01	SVOC	Benzo(b)fluoranthene	205-99-2	B2	11	5	2.00E-02	3.20E-01								2.0E+01	1.6E-02							8.0E+01	4.0E-03
PAOC01	SVOC	Benzo(g,h,i)perylene	191-24-2	D	11	5	8.80E-03	1.90E-01						8.0E+05	2.4E-07	2.5E+03	7.6E-05					3.5E+05	5.4E-07	7.0E+03	2.7E-05
PAOC01	SVOC	Benzo(k)fluoranthene	207-08-9	B2	11	5	8.30E-03	3.40E-01								2.0E+02	1.7E-03							8.0E+02	4.3E-04
PAOC01	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	11	1	3.00E-02	3.00E-02						7.0E+05	4.3E-08	2.8E+03	1.1E-05					8.9E+05	3.4E-08	1.0E+04	3.0E-06
PAOC01	SVOC	Carbazole	86-74-8	B2	11	1	5.80E-02	5.80E-02								5.3E+02	1.1E-04							2.4E+03	2.4E-05
PAOC01	SVOC	Chrysene	218-01-9	B2	11	6	2.00E-02	9.50E-01								2.0E+03	4.8E-04							8.0E+03	1.2E-04
PAOC01	SVOC	Dibenzofuran	132-64-9	D	11	1	4.20E-02	4.20E-02																	
PAOC01	SVOC	Fluoranthene	206-44-0	D	11	6	2.70E-02	1.80E+00		1.0E+06	1.8E-06	7.4E+05	2.4E-06	9.3E+06	1.9E-07	4.6E+04	3.9E-05	1.0E+06	1.8E-06	8.9E+05	2.0E-06	4.1E+06	4.4E-07	1.3E+05	1.4E-05
PAOC01	SVOC	Fluorene	86-73-7	D	11	1	6.20E-02	6.20E-02		5.8E+05	1.1E-07	1.3E+05	4.8E-07	9.3E+06	6.7E-09	2.7E+04	2.3E-06	1.0E+06	6.2E-08	1.5E+05	4.1E-07	4.1E+06	1.5E-08	8.7E+04	7.1E-07
PAOC01	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	11	4	9.30E-03	1.80E-01								2.0E+01	9.0E-03							8.0E+01	2.3E-03
PAOC01	SVOC	2-Methylnaphthalene	91-57-6	ID	11	3	9.70E-03	3.10E-02								8.1E+03	3.8E-06							2.6E+04	1.2E-06
PAOC01	SVOC	Naphthalene	91-20-3	C	11	3	8.90E-03	3.00E-02		2.5E+02	1.2E-04	3.0E+02	1.0E-04	2.0E+05	1.5E-07	1.6E+04	1.9E-06	4.7E+02	6.4E-05	3.5E+02	8.6E-05	8.8E+04	3.4E-07	5.2E+04	5.8E-07
PAOC01	SVOC	Phenanthrene	85-01-8	D	11	7	1.40E-02	1.50E+00		2.8E+03	5.4E-04	1.6E+02	9.4E-03	6.7E+03	2.2E-04	1.6E+03	9.4E-04	5.1E+03	2.9E-04	1.9E+02	7.9E-03	2.9E+03	5.2E-04	5.2E+03	2.9E-04
PAOC01	SVOC	Pyrene	129-00-0	NC	11	7	2.50E-02	1.70E+00		1.0E+06	1.7E-06	6.5E+05	2.6E-06	6.7E+06	2.5E-07	2.9E+04	5.9E-05	1.0E+06	1.7E-06	7.8E+05	2.2E-06	2.9E+06	5.9E-07	8.4E+04	2.0E-05
PAOC01	PCB	PCBs (total)	1336-36-3	B2	11	1	4.00E-02	4.00E-02		3.0E+03	1.3E-05	2.4E+02	1.7E-04	5.2E+03	7.7E-06	4.0E+00	1.0E-02	1.6E+04	2.5E-06	8.1E+02	4.9E-05	6.5E+03	6.2E-06	1.6E+01	2.5E-03
PAOC01	INORG	Antimony	7440-36-0		11	2	9.50E-02	1.20E-01						1.3E+04	9.2E-06	1.8E+02	6.7E-04					5.9E+03	2.0E-05	6.7E+02	1.8E-04
PAOC01	INORG	Arsenic	7440-38-2	A	13	13	2.60E+00	7.70E+00						7.2E+02	1.1E-02	7.6E+00	1.0E+00					9.1E+02	8.5E-03	3.7E+01	2.1E-01
PAOC01	INORG	Barium	7440-39-3	NC	11	11	8.90E+00	7.70E+01						3.3E+05	2.3E-04	3.7E+04	2.1E-03					1.5E+05	5.1E-04	1.3E+05	5.9E-04
PAOC01	INORG	Beryllium	7440-41-7	B1	11	6	1.10E-01	5.10E-01						1.3E+03	3.9E-04	4.1E+02	1.2E-03					5.9E+02	8.6E-04	1.6E+03	3.2E-04
PAOC01	INORG	Cadmium	7440-43-9	B1	11	6	6.30E-02	3.00E-01						1.7E+03	1.8E-04	5.5E+02	5.5E-04					2.2E+03	1.4E-04	2.1E+03	1.4E-04
PAOC01	INORG	Chromium III	16065-83-1	D	11	11	3.10E+00	1.47E+01						3.3E+05	4.4E-05	7.9E+05	1.9E-05					1.5E+05	9.8E-05	1.0E+06	1.5E-05
PAOC01	INORG	Chromium VI	18540-29-9	A	11	5	1.20E+00	1.90E+00						2.6E+02	7.3E-03	2.5E+03	7.6E-04					2.4E+02	7.9E-03	9.2E+03	2.1E-04
PAOC01	INORG	Cobalt	7440-48-4	LC	11	11	2.70E+00	1.24E+01						1.3E+04	9.5E-04	2.6E+03	4.8E-03					5.9E+03	2.1E-03	9.0E+03	1.4E-03
PAOC01	INORG	Copper	7440-50-8	D	11	11	8.30E+00	2.29E+01						1.3E+05	1.8E-04	2.0E+04	1.1E-03					5.9E+04	3.9E-04	7.3E+04	3.1E-04
PAOC01	INORG	Cyanide (total)	57-12-5	D	11	3	1.30E-01	6.80E-01						2.5E+02	2.7E-03	1.2E+01	5.7E-02					2.5E+02	2.7E-03	2.5E+02	2.7E-03
PAOC01	INORG	Lead	7439-92-1	B2	11	11	4.10E+00	3.89E+01						1.0E+05	3.9E-04	4.0E+02	9.7E-02					4.4E+04	8.8E-04	9.0E+02	4.3E-02
PAOC01	INORG	Manganese	7439-96-5	D	11	11	1.19E+02	4.52E+02	4.40E+02					3.3E+03	3.6E-03	2.5E+04	4.8E-04					1.5E+03	8.0E-03	9.0E+04	1.3E-04
PAOC01	INORG	Mercury	7439-97-6	D	11	8	1.40E-02	3.70E-02		4.8E+01	7.7E-04	5.2E+01	7.1E-04	2.0E+04	1.9E-06	1.6E+02	2.3E-04	8.9E+01	4.2E-04	6.2E+01	6.0E-04	8.8E+03	4.2E-06	5.8E+02	6.4E-05
PAOC01	INORG	Nickel	7440-02-0	A	11	11	7.20E+00	2.15E+01						1.3E+04	1.7E-03	4.0E+04	5.4E-04					1.6E+04	1.3E-03	1.5E+05	1.4E-04
PAOC01	INORG	Selenium	7782-49-2	D	11	6	1.10E-01	5.40E-01						1.3E+05	4.2E-06	2.6E+03	2.1E-04					5.9E+04	9.2E-06	9.6E+03	5.6E-05
PAOC01	INORG	Silver	7440-22-4	D	11	8	4.30E-02	1.00E-01						6.7E+03	1.5E-05	2.5E+03	4.0E-05					2.9E+03	3.4E-05	9.0E+03	1.1E-05
PAOC01	INORG	Thallium	7440-28-0		11	11	3.70E-02	1.90E-01								3.5E+01	5.4E-03							1.3E+02	1.5E-03
PAOC01	INORG	Vanadium	7440-62-2		11	11	6.40E+00	2.22E+01								7.5E+02	3.0E-02							5.5E+03	4.0E-03
PAOC01	INORG	Zinc	7440-66-6	ID	11	11	8.60E+00	6.55E+01								1.7E+05	3.9E-04							6.3E+05	1.0E-04
PAOC02	VOC	Acetone	67-64-1	ID	41	6	6.60E-03	4.30E-02		1.1E+05	3.9E-07	1.3E+05	3.3E-07	3.9E+08	1.1E-10	2.3E+04	1.9E-06	1.1E+05	3.9E-07	1.6E+05	2.7E-07	1.7E+08	2.5E-10	7.3E+04	5.9E-07
PAOC02	VOC	Benzene	71-43-2	A	41	3	2.20E-04	5.50E-04		1.6E+00	3.4E-04	1.3E+01	4.2E-05	3.8E+05	1.4E-09	1.8E+02	3.1E-06	8.4E+00	6.5E-05	4.5E+01	1.2E-05	4.7E+05	1.2E-09	4.0E+02	1.4E-06
PAOC02	VOC	2-Butanone	78-93-3	ID	41	6	2.30E-03	1.10E-02		2.7E+04	4.1E-07	2.9E+04	3.8E-07	6.7E+07	1.6E-10	2.7E+04	4.1E-07	2.7E+04	4.1E-07	3.5E+04	3.1E-07	2.9E+07	3.8E-10	2.7E+04	4.1E-07
PAOC02	VOC	Carbon Disulfide	75-15-0		41	3	4.10E-04	7.80E-04		7.6E+01	1.0E-05	1.3E+03	6.0E-07	4.7E+07	1.7E-11	2.8E+02	2.8E-06	1.4E+02	5.6E-06	1.6E+03	4.9E-07	2.1E+07	3.7E-11	2.8E+02	2.8E-06
PAOC02	VOC	Chloroform	67-66-3	B2	41	1	1.20E-02	1.20E-02		7.2E+00	1.7E-03	4.5E+01	2.7E-04	1.3E+06	9.2E-09	1.2E+03	1.0E-05	3.8E+01	3.2E-04	1.5E+02	8.0E-05	1.6E+06	7.5E-09	1.5E+03	8.0E-06
PAOC02	VOC	Cumene	98-82-8	D	26	2	5.40E-02	1.70E-01		3.9E+02	4.4E-04	1.7E+03	1.0E-04	5.8E+06	2.9E-08	3.9E+02	4.4E-04	3.9E+02	4.4E-04	2.0E+03	8.5E-05	2.6E+06	6.5E-08	3.9E+02	4.4E-04
PAOC02	VOC	Cyclohexane	110-82-7	ID	26	4	5.30E-04	2.70E-02																	
PAOC02	VOC	1,2-Dichlorobenzene	95-50-1	D	38	1	3.10E-04	3.10E-04		2.1E+02	1.5E-06	3.9E+04	7.9E-09	1.0E+08	3.1E-12	2.1E+02	1.5E-06	2.1E+02	1.5E-06	4.6E+04	6.7E-09	4.4E+07	7.0E-12	2.1E+02	1.5E-06
PAOC02	VOC	1,3-Dichlorobenzene	541-73-1	D	38	1	4.00E-04	4.00E-04								1.7E+02	2.4E-06							1.7E+02	2.4E-06

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC02	VOC	1,4-Dichlorobenzene	106-46-7	C	38	1	4.70E-04	4.70E-04		1.9E+01	2.5E-05	7.7E+01	6.1E-06	4.5E+05	1.0E-09	4.0E+02	1.2E-06	1.0E+02	4.7E-06	2.6E+02	1.8E-06	5.7E+05	8.2E-10	1.9E+03	2.5E-07
PAOC02	VOC	1,1-Dichloroethane	75-34-3	SC	41	2	1.80E-02	7.40E-02		2.3E+02	3.2E-04	2.1E+03	3.5E-05	3.3E+07	2.2E-09	8.9E+02	8.3E-05	4.3E+02	1.7E-04	2.5E+03	3.0E-05	1.5E+07	4.9E-09	8.9E+02	8.3E-05
PAOC02	VOC	1,1-Dichloroethene	75-35-4	C	41	4	1.80E-03	2.60E-01		6.2E-02	**4.2E+00**	1.1E+00	2.4E-01	6.2E+04	4.2E-06	2.0E+02	1.3E-03	3.3E-01	7.9E-01	3.7E+00	7.0E-02	7.8E+04	3.3E-06	5.7E+02	4.6E-04
PAOC02	VOC	cis-1,2-Dichloroethene	156-59-2	ID	41	1	8.80E-04	8.80E-04		2.2E+01	4.0E-05	1.8E+02	4.9E-06	2.3E+06	3.8E-10	6.4E+02	1.4E-06	4.1E+01	2.1E-05	2.1E+02	4.2E-06	1.0E+06	8.8E-10	6.4E+02	1.4E-06
PAOC02	VOC	Ethyl Benzene	100-41-4	D	41	2	2.10E-02	2.50E-02		8.7E+01	2.9E-04	7.2E+02	3.5E-05	1.0E+07	2.5E-09	1.4E+02	1.8E-04	1.4E+02	1.8E-04	2.4E+03	1.0E-05	1.3E+07	1.9E-09	1.4E+02	1.8E-04
PAOC02	VOC	4-Methyl-2-pentanone	108-10-1	ID	41	1	8.90E-04	8.90E-04		2.7E+03	3.3E-07	4.5E+04	2.0E-08	1.4E+08	6.4E-12	2.7E+03	3.3E-07	2.7E+03	3.3E-07	5.3E+04	1.7E-08	6.0E+07	1.5E-11	2.7E+03	3.3E-07
PAOC02	VOC	Methylcyclohexane	108-87-2		26	3	1.70E-03	3.20E-01																	
PAOC02	VOC	Tetrachloroethene	127-18-4	C-B2	41	3	2.10E-03	7.40E-02		1.1E+01	6.7E-03	1.8E+02	4.1E-04	5.4E+06	1.4E-08	8.8E+01	8.4E-04	6.0E+01	1.2E-03	6.0E+02	1.2E-04	6.8E+06	1.1E-08	8.8E+01	8.4E-04
PAOC02	VOC	Toluene	108-88-3	ID	41	4	3.60E-04	1.00E-03		2.5E+02	4.0E-06	2.8E+03	3.6E-07	2.7E+07	3.7E-11	2.5E+02	4.0E-06	2.5E+02	4.0E-06	3.3E+03	3.0E-07	1.2E+07	8.3E-11	2.5E+02	4.0E-06
PAOC02	VOC	1,1,1-Trichloroethane	71-55-6	ID	41	2	4.00E-01	1.30E+00		2.5E+02	5.2E-03	3.8E+03	3.4E-04	6.7E+07	1.9E-08	4.6E+02	2.8E-03	4.6E+02	2.8E-03	4.5E+03	2.9E-04	2.9E+07	4.5E-08	4.6E+02	2.8E-03
PAOC02	VOC	Trichloroethene	79-01-6	C-B2	41	7	2.70E-03	7.60E+00		7.1E+00	**1.1E+00**	7.8E+01	9.7E-02	1.8E+06	4.2E-06	5.0E+02	1.5E-02	3.7E+01	2.1E-01	2.6E+02	2.9E-02	2.3E+06	3.3E-06	5.0E+02	1.5E-02
PAOC02	VOC	Trichlorofluoromethane	75-69-4		26	1	1.20E-03	1.20E-03		5.6E+02	2.1E-06	9.2E+04	1.3E-08	3.8E+09	3.2E-13	5.6E+02	2.1E-06	5.6E+02	2.1E-06	1.1E+05	1.1E-08	1.7E+09	7.1E-13	5.6E+02	2.1E-06
PAOC02	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	25	1	4.60E-01	4.60E-01		1.1E+02	4.2E-03	2.1E+04	2.2E-05	8.2E+07	5.6E-09	1.1E+02	4.2E-03	1.1E+02	4.2E-03	2.5E+04	1.8E-05	3.6E+07	1.3E-08	1.1E+02	4.2E-03
PAOC02	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	25	1	2.30E-01	2.30E-01		9.4E+01	2.4E-03	1.6E+04	1.4E-05	8.2E+07	2.8E-09	9.4E+01	2.4E-03	9.4E+01	2.4E-03	1.9E+04	1.2E-05	3.6E+07	6.4E-09	9.4E+01	2.4E-03
PAOC02	VOC	Xylenes (total)	1330-20-7	ID	40	3	6.30E-04	9.20E-02		1.5E+02	6.1E-04	4.6E+04	2.0E-06	2.9E+08	3.2E-10	1.5E+02	6.1E-04	1.5E+02	6.1E-04	5.4E+04	1.7E-06	1.3E+08	7.1E-10	1.5E+02	6.1E-04
PAOC02	SVOC	Acenaphthene	83-32-9		37	1	1.70E-02	1.70E-02		1.9E+05	8.9E-08	8.1E+04	2.1E-07	1.4E+07	1.2E-09	4.1E+04	4.1E-07	3.5E+05	4.9E-08	9.7E+04	1.8E-07	6.2E+06	2.7E-09	1.3E+05	1.3E-07
PAOC02	SVOC	Acenaphthylene	208-96-8	D	37	1	2.90E-02	2.90E-02		1.6E+03	1.8E-05	2.2E+03	1.3E-05	2.3E+06	1.3E-08	1.6E+03	1.8E-05	3.0E+03	9.7E-06	2.7E+03	1.1E-05	1.0E+06	2.9E-08	5.2E+03	5.6E-06
PAOC02	SVOC	Anthracene	120-12-7	D	37	4	8.20E-03	5.00E-02		1.0E+06	5.0E-08	1.4E+06	3.6E-08	6.7E+07	7.5E-10	2.3E+05	2.2E-07	1.0E+06	5.0E-08	1.6E+06	3.1E-08	2.9E+07	1.7E-09	7.3E+05	6.8E-08
PAOC02	SVOC	Benzo(a)anthracene	56-55-3	B2	37	5	8.80E-03	1.80E-01								2.0E+01	9.0E-03							8.0E+01	2.3E-03
PAOC02	SVOC	Benzo(a)pyrene	50-32-8	B2	37	5	8.10E-03	1.80E-01						1.5E+03	1.2E-04	2.0E+00	9.0E-02					1.9E+03	9.5E-05	8.0E+00	2.3E-02
PAOC02	SVOC	Benzo(b)fluoranthene	205-99-2	B2	25	5	8.60E-03	2.60E-01								2.0E+01	1.3E-02							8.0E+01	3.3E-03
PAOC02	SVOC	Benzo(b,k)fluoranthene	U-452		12	1	3.40E-01	3.40E-01																	
PAOC02	SVOC	Benzo(g,h,i)perylene	191-24-2	D	37	5	8.80E-03	1.70E-01						8.0E+05	2.1E-07	2.5E+03	6.8E-05					3.5E+05	4.9E-07	7.0E+03	2.4E-05
PAOC02	SVOC	Benzo(k)fluoranthene	207-08-9	B2	25	4	3.00E-02	1.00E-01								2.0E+02	5.0E-04							8.0E+02	1.3E-04
PAOC02	SVOC	Biphenyl	92-52-4	D	25	1	2.00E-01	2.00E-01																	
PAOC02	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	37	15	2.00E-02	3.60E-01						7.0E+05	5.1E-07	2.8E+03	1.3E-04					8.9E+05	4.0E-07	1.0E+04	3.6E-05
PAOC02	SVOC	Caprolactam	105-60-2		25	1	2.20E-01	2.20E-01						6.7E+05	3.3E-07	5.3E+04	4.2E-06					2.9E+05	7.6E-07	3.1E+05	7.1E-07
PAOC02	SVOC	Carbazole	86-74-8	B2	25	1	2.70E-02	2.70E-02								5.3E+02	5.1E-05							2.4E+03	1.1E-05
PAOC02	SVOC	Chrysene	218-01-9	B2	37	9	8.30E-03	2.30E-01								2.0E+03	1.2E-04							8.0E+03	2.9E-05
PAOC02	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	37	4	9.90E-03	3.80E-02								2.0E+00	1.9E-02							8.0E+00	4.8E-03
PAOC02	SVOC	Dibenzofuran	132-64-9	D	37	1	3.40E-02	3.40E-02																	
PAOC02	SVOC	Fluoranthene	206-44-0	D	37	9	9.80E-03	6.10E-01		1.0E+06	6.1E-07	7.4E+05	8.2E-07	9.3E+06	6.6E-08	4.6E+04	1.3E-05	1.0E+06	6.1E-07	8.9E+05	6.9E-07	4.1E+06	1.5E-07	1.3E+05	4.7E-06
PAOC02	SVOC	Fluorene	86-73-7	D	37	2	2.30E-02	6.80E-02		5.8E+05	1.2E-07	1.3E+05	5.2E-07	9.3E+06	7.3E-09	2.7E+04	2.5E-06	1.0E+06	6.8E-08	1.5E+05	4.5E-07	4.1E+06	1.7E-08	8.7E+04	7.8E-07
PAOC02	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	37	4	3.70E-02	1.20E-01								2.0E+01	6.0E-03							8.0E+01	1.5E-03
PAOC02	SVOC	2-Methylnaphthalene	91-57-6	ID	37	4	1.10E-01	3.10E+00								8.1E+03	3.8E-04							2.6E+04	1.2E-04
PAOC02	SVOC	Naphthalene	91-20-3	C	37	1	7.60E-02	7.60E-02		2.5E+02	3.0E-04	3.0E+02	2.5E-04	2.0E+05	3.8E-07	1.6E+04	4.8E-06	4.7E+02	1.6E-04	3.5E+02	2.2E-04	8.8E+04	8.6E-07	5.2E+04	1.5E-06
PAOC02	SVOC	Phenanthrene	85-01-8	D	37	9	1.00E-02	2.40E-01		2.8E+03	8.6E-05	1.6E+02	1.5E-03	6.7E+03	3.6E-05	1.6E+03	1.5E-04	5.1E+03	4.7E-05	1.9E+02	1.3E-03	2.9E+03	8.3E-05	5.2E+03	4.6E-05
PAOC02	SVOC	Pyrene	129-00-0	NC	37	9	7.70E-03	3.30E-01		1.0E+06	3.3E-07	6.5E+05	5.1E-07	6.7E+06	4.9E-08	2.9E+04	1.1E-05	1.0E+06	3.3E-07	7.8E+05	4.2E-07	2.9E+06	1.1E-07	8.4E+04	3.9E-06
PAOC02	PCB	PCBs (total)	1336-36-3	B2	37	1	4.25E-02	4.25E-02		3.0E+03	1.4E-05	2.4E+02	1.8E-04	5.2E+03	8.2E-06	4.0E+00	1.1E-02	1.6E+04	2.7E-06	8.1E+02	5.2E-05	6.5E+03	6.5E-06	1.6E+01	2.7E-03
PAOC02	INORG	Antimony	7440-36-0		51	25	4.20E-02	3.20E+00						1.3E+04	2.5E-04	1.8E+02	1.8E-02					5.9E+03	5.4E-04	6.7E+02	4.8E-03
PAOC02	INORG	Arsenic	7440-38-2	A	52	52	2.00E+00	1.20E+01						7.2E+02	1.7E-02	7.6E+00	**1.6E+00**					9.1E+02	1.3E-02	3.7E+01	3.2E-01
PAOC02	INORG	Barium	7440-39-3	NC	52	52	6.40E+00	1.98E+02						3.3E+05	6.0E-04	3.7E+04	5.4E-03					1.5E+05	1.3E-03	1.3E+05	1.5E-03
PAOC02	INORG	Beryllium	7440-41-7	B1	52	17	9.10E-02	1.80E+00						1.3E+03	1.4E-03	4.1E+02	4.4E-03					5.9E+02	3.1E-03	1.6E+03	1.1E-03
PAOC02	INORG	Cadmium	7440-43-9	B1	52	45	6.60E-02	2.90E+00						1.7E+03	1.7E-03	5.5E+02	5.3E-03					2.2E+03	1.3E-03	2.1E+03	1.4E-03
PAOC02	INORG	Chromium (total)	7440-47-3		27	27	4.80E+00	1.90E+01						2.6E+02	7.3E-02	2.5E+03	7.6E-03					2.4E+02	7.9E-02	9.2E+03	2.1E-03
PAOC02	INORG	Chromium III	16065-83-1	D	25	25	4.27E+00	1.85E+01						3.3E+05	5.6E-05	7.9E+05	2.3E-05					1.5E+05	1.2E-04	1.0E+06	1.8E-05
PAOC02	INORG	Chromium VI	18540-29-9	A	25	10	4.70E-01	4.10E+00						2.6E+02	1.6E-02	2.5E+03	1.6E-03					2.4E+02	1.7E-02	9.2E+03	4.5E-04
PAOC02	INORG	Cobalt	7440-48-4	LC	52	42	2.20E+00	1.90E+01						1.3E+04	1.5E-03	2.6E+03	7.3E-03					5.9E+03	3.2E-03	9.0E+03	2.1E-03
PAOC02	INORG	Copper	7440-50-8	D	52	52	4.00E+00	8.00E+01						1.3E+05	6.2E-04	2.0E+04	4.0E-03					5.9E+04	1.4E-03	7.3E+04	1.1E-03
PAOC02	INORG	Cyanide (total)	57-12-5	D	40	4	2.10E-01	1.20E+00						2.5E+02	4.8E-03	1.2E+01	1.0E-01					2.5E+02	4.8E-03	2.5E+02	4.8E-03
PAOC02	INORG	Lead	7439-92-1	B2	52	52	2.90E+00	9.60E+01						1.0E+05	9.6E-04	4.0E+02	2.4E-01					4.4E+04	2.2E-03	9.0E+02	1.1E-01
PAOC02	INORG	Manganese	7439-96-5	D	52	52	7.40E+01	5.44E+02	4.40E+02					3.3E+03	3.2E-02	2.5E+04	4.2E-03					1.5E+03	6.9E-02	9.0E+04	1.2E-03
PAOC02	INORG	Mercury	7439-97-6	D	52	13	1.70E-02	4.80E+00		4.8E+01	1.0E-01	5.2E+01	9.2E-02	2.0E+04	2.4E-04	1.6E+02	3.0E-02	8.9E+01	5.4E-02	6.2E+01	7.7E-02	8.8E+03	5.5E-04	5.8E+02	8.3E-03
PAOC02	INORG	Nickel	7440-02-0	A	52	52	4.10E+00	5.00E+01						1.3E+04	3.8E-03	4.0E+04	1.3E-03					1.6E+04	3.1E-03	1.5E+05	3.3E-04
PAOC02	INORG	Selenium	7782-49-2	D	52	24	1.20E-01	1.40E+00						1.3E+05	1.1E-05	2.6E+03	5.4E-04					5.9E+04	2.4E-05	9.6E+03	1.5E-04
PAOC02	INORG	Silver	7440-22-4	D	52	17	1.90E-02	2.10E+00						6.7E+03	3.1E-04	2.5E+03	8.4E-04					2.9E+03	7.2E-04	9.0E+03	2.3E-04
PAOC02	INORG	Thallium	7440-28-0		52	22	6.70E-02	2.50E-01								3.5E+01	7.1E-03							1.3E+02	1.9E-03
PAOC02	INORG	Vanadium	7440-62-2		52	52	5.80E+00	4.46E+01								7.5E+02	5.9E-02							5.5E+03	8.1E-03
PAOC02	INORG	Zinc	7440-66-6	ID	52	52	1.30E+01	9.24E+01								1.7E+05	5.4E-04							6.3E+05	1.5E-04
PAOC03	VOC	Acetone	67-64-1	ID	9	5	1.50E-02	8.40E-02		1.1E+05	7.6E-07	1.3E+05	6.5E-07	3.9E+08	2.2E-10	2.3E+04	3.7E-06	1.1E+05	7.6E-07	1.6E+05	5.3E-07	1.7E+08	4.9E-10	7.3E+04	1.2E-06
PAOC03	VOC	2-Butanone	78-93-3	ID	9	4	3.10E-03	1.90E-02		2.7E+04	7.0E-07	2.9E+04	6.6E-07	6.7E+07	2.8E-10	2.7E+04	7.0E-07	2.7E+04	7.0E-07	3.5E+04	5.4E-07	2.9E+07	6.6E-10	2.7E+04	7.0E-07
PAOC03	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	9	1	1.00E-03	1.00E-03		1.1E+02	9.1E-06	2.1E+04	4.8E-08	8.2E+07	1.2E-11	1.1E+02	9.1E-06	1.1E+02	9.1E-06	2.5E+04	4.0E-08	3.6E+07	2.8E-11	1.1E+02	9.1E-06
PAOC03	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	9	1	8.70E-04	8.70E-04		9.4E+01	9.3E-06	1.6E+04	5.4E-08	8.2E+07	1.1E-11	9.4E+01	9.3E-06	9.4E+01	9.3E-06	1.9E+04	4.6E-08	3.6E+07	2.4E-11	9.4E+01	9.3E-06
PAOC03	SVOC	Anthracene	120-12-7	D	9	3	7.90E-03	1.70E-02		1.0E+06	1.7E-08	1.4E+06	1.2E-08	6.7E+07	2.5E-10	2.3E+05	7.4E-08	1.0E+06	1.7E-08	1.6E+06	1.1E-08	2.9E+07	5.9E-10	7.3E+05	2.3E-08
PAOC03	SVOC	Benzo(a)anthracene	56-55-3	B2	9	5	1.20E-02	1.50E-01								2.0E+01	7.5E-03							8.0E+01	1.9E-03
PAOC03	SVOC	Benzo(a)pyrene	50-32-8	B2	9	5	1.50E-02	1.80E-01						1.5E+03	1.2E-04	2.0E+00	9.0E-02					1.9E+03	9.5E-05	8.0E+00	2.3E-02
PAOC03	SVOC	Benzo(b)fluoranthene	205-99-2	B2	9	5	2.20E-02	2.10E-01								2.0E+01	1.1E-02							8.0E+01	2.6E-03
PAOC03	SVOC	Benzo(g,h,i)perylene	191-24-2	D	9	5	1.50E-02	1.40E-01						8.0E+05	1.8E-07	2.5E+03	5.6E-05					3.5E+05	4.0E-07	7.0E+03	2.0E-05
PAOC03	SVOC	Benzo(k)fluoranthene	207-08-9	B2	9	5	8.60E-03	2.00E-01								2.0E+02	1.0E-03							8.0E+02	2.5E-04
PAOC03	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	9	1	2.40E-02	2.40E-02						7.0E+05	3.4E-08	2.8E+03	8.6E-06					8.9E+05	2.7E-08	1.0E+04	2.4E-06
PAOC03	SVOC	Chrysene	218-01-9	B2	9	6	1.60E-02	2.10E-01								2.0E+03	1.1E-04							8.0E+03	2.6E-05
PAOC03	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	9	1	3.30E-02	3.30E-02								2.0E+00	1.7E-02							8.0E+00	4.1E-03
PAOC03	SVOC	Fluoranthene	206-44-0	D	9	6	2.00E-02	2.60E-01		1.0E+06	2.6E-07	7.4E+05	3.5E-07	9.3E+06	2.8E-08	4.6E+04	5.7E-06	1.0E+06	2.6E-07	8.9E+05	2.9E-07	4.1E+06	6.3E-08	1.3E+05	2.0E-06
PAOC03	SVOC	Fluorene	86-73-7	D	9	1	7.60E-03	7.60E-03		5.8E+05	1.3E-08	1.3E+05	5.8E-08	9.3E+06	8.2E-10	2.7E+04	2.8E-07	1.0E+06	7.6E-09	1.5E+05	5.1E-08	4.1E+06	1.9E-09	8.7E+04	8.7E-08
PAOC03	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	9	5	1.10E-02	1.00E-01								2.0E+01	5.0E-03							8.0E+01	1.3E-03
PAOC03	SVOC	2-Methylnaphthalene	91-57-6	ID	9	3	2.00E-02	4.20E-02								8.1E+03	5.2E-06							2.6E+04	1.6E-06
PAOC03	SVOC	Naphthalene	91-20-3	C	9	2	7.40E-02	9.00E-02		2.5E+02	3.6E-04	3.0E+02	3.0E-04	2.0E+05	4.5E-07	1.6E+04	5.6E-06	4.7E+02	1.9E-04	3.5E+02	2.6E-04	8.8E+04	1.0E-06	5.2E+04	1.7E-06

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC03	SVOC	Phenanthrene	85-01-8	D	9	5	1.10E-02	7.20E-02		2.8E+03	2.6E-05	1.6E+02	4.5E-04	6.7E+03	1.1E-05	1.6E+03	4.5E-05	5.1E+03	1.4E-05	1.9E+02	3.8E-04	2.9E+03	2.5E-05	5.2E+03	1.4E-05
PAOC03	SVOC	Pyrene	129-00-0	NC	9	6	2.00E-02	2.00E-01		1.0E+06	2.0E-07	6.5E+05	3.1E-07	6.7E+06	3.0E-08	2.9E+04	6.9E-06	1.0E+06	2.0E-07	7.8E+05	2.6E-07	2.9E+06	6.9E-08	8.4E+04	2.4E-06
PAOC03	PCB	PCBs (total)	1336-36-3	B2	9	2	3.05E-02	9.34E-01		3.0E+03	3.1E-04	2.4E+02	3.9E-03	5.2E+03	1.8E-04	4.0E+00	2.3E-01	1.6E+04	5.8E-05	8.1E+02	1.2E-03	6.5E+03	1.4E-04	1.6E+01	5.8E-02
PAOC03	INORG	Antimony	7440-36-0		9	4	1.10E-01	1.60E-01						1.3E+04	1.2E-05	1.8E+02	8.9E-04					5.9E+03	2.7E-05	6.7E+02	2.4E-04
PAOC03	INORG	Arsenic	7440-38-2	A	9	9	3.10E+00	5.80E+00						7.2E+02	8.1E-03	7.6E+00	7.6E-01					9.1E+02	6.4E-03	3.7E+01	1.6E-01
PAOC03	INORG	Barium	7440-39-3	NC	9	9	1.13E+01	6.35E+01						3.3E+05	1.9E-04	3.7E+04	1.7E-03					1.5E+05	4.2E-04	1.3E+05	4.9E-04
PAOC03	INORG	Beryllium	7440-41-7	B1	9	6	6.90E-02	5.60E-01						1.3E+03	4.3E-04	4.1E+02	1.4E-03					5.9E+02	9.5E-04	1.6E+03	3.5E-04
PAOC03	INORG	Cadmium	7440-43-9	B1	9	6	7.40E-02	3.10E-01						1.7E+03	1.8E-04	5.5E+02	5.6E-04					2.2E+03	1.4E-04	2.1E+03	1.5E-04
PAOC03	INORG	Chromium III	16065-83-1	D	9	9	4.49E+00	2.77E+01						3.3E+05	8.4E-05	7.9E+05	3.5E-05					1.5E+05	1.8E-04	1.0E+06	2.8E-05
PAOC03	INORG	Chromium VI	18540-29-9	A	9	6	7.20E-01	2.30E+00						2.6E+02	8.8E-03	2.5E+03	9.2E-04					2.4E+02	9.6E-03	9.2E+03	2.5E-04
PAOC03	INORG	Cobalt	7440-48-4	LC	9	9	2.00E+00	9.30E+00						1.3E+04	7.2E-04	2.6E+03	3.6E-03					5.9E+03	1.6E-03	9.0E+03	1.0E-03
PAOC03	INORG	Copper	7440-50-8	D	9	9	7.00E+00	2.56E+01						1.3E+05	2.0E-04	2.0E+04	1.3E-03					5.9E+04	4.3E-04	7.3E+04	3.5E-04
PAOC03	INORG	Cyanide (total)	57-12-5	D	9	2	1.30E-01	4.40E-01						2.5E+02	1.8E-03	1.2E+01	3.7E-02					2.5E+02	1.8E-03	2.5E+02	1.8E-03
PAOC03	INORG	Lead	7439-92-1	B2	9	9	8.80E+00	1.88E+01						1.0E+05	1.9E-04	4.0E+02	4.7E-02					4.4E+04	4.3E-04	9.0E+02	2.1E-02
PAOC03	INORG	Manganese	7439-96-5	D	9	9	2.21E+02	4.84E+02	4.40E+02					3.3E+03	1.3E-02	2.5E+04	1.8E-03					1.5E+03	2.9E-02	9.0E+04	4.9E-04
PAOC03	INORG	Mercury	7439-97-6	D	9	9	1.70E-02	5.00E-02		4.8E+01	1.0E-03	5.2E+01	9.6E-04	2.0E+04	2.5E-06	1.6E+02	3.1E-04	8.9E+01	5.6E-04	6.2E+01	8.1E-04	8.8E+03	5.7E-06	5.8E+02	8.6E-05
PAOC03	INORG	Nickel	7440-02-0	A	9	9	5.90E+00	3.28E+01						1.3E+04	2.5E-03	4.0E+04	8.2E-04					1.6E+04	2.1E-03	1.5E+05	2.2E-04
PAOC03	INORG	Selenium	7782-49-2	D	9	3	1.10E-01	2.70E-01						1.3E+05	2.1E-06	2.6E+03	1.0E-04					5.9E+04	4.6E-06	9.6E+03	2.8E-05
PAOC03	INORG	Silver	7440-22-4	D	9	7	5.90E-02	1.20E-01						6.7E+03	1.8E-05	2.5E+03	4.8E-05					2.9E+03	4.1E-05	9.0E+03	1.3E-05
PAOC03	INORG	Thallium	7440-28-0		9	9	1.00E-01	2.00E-01								3.5E+01	5.7E-03							1.3E+02	1.5E-03
PAOC03	INORG	Vanadium	7440-62-2		9	9	7.40E+00	2.78E+01								7.5E+02	3.7E-02							5.5E+03	5.1E-03
PAOC03	INORG	Zinc	7440-66-6	ID	9	9	2.86E+01	4.48E+01								1.7E+05	2.6E-04							6.3E+05	7.1E-05
PAOC04	VOC	Acetone	67-64-1	ID	6	2	7.10E-03	2.90E-02		1.1E+05	2.6E-07	1.3E+05	2.2E-07	3.9E+08	7.4E-11	2.3E+04	1.3E-06	1.1E+05	2.6E-07	1.6E+05	1.8E-07	1.7E+08	1.7E-10	7.3E+04	4.0E-07
PAOC04	VOC	Benzene	71-43-2	A	6	1	4.30E-04	4.30E-04		1.6E+00	2.7E-04	1.3E+01	3.3E-05	3.8E+05	1.1E-09	1.8E+02	2.4E-06	8.4E+00	5.1E-05	4.5E+01	9.6E-06	4.7E+05	9.1E-10	4.0E+02	1.1E-06
PAOC04	VOC	2-Butanone	78-93-3	ID	6	2	1.80E-03	6.50E-03		2.7E+04	2.4E-07	2.9E+04	2.2E-07	6.7E+07	9.7E-11	2.7E+04	2.4E-07	2.7E+04	2.4E-07	3.5E+04	1.9E-07	2.9E+07	2.2E-10	2.7E+04	2.4E-07
PAOC04	VOC	Carbon Disulfide	75-15-0		6	1	5.70E-04	5.70E-04		7.6E+01	7.5E-06	1.3E+03	4.4E-07	4.7E+07	1.2E-11	2.8E+02	2.0E-06	1.4E+02	4.1E-06	1.6E+03	3.6E-07	2.1E+07	2.7E-11	2.8E+02	2.0E-06
PAOC04	VOC	Cyclohexane	110-82-7	ID	6	1	5.20E-04	5.20E-04																	
PAOC04	VOC	Ethyl Benzene	100-41-4	D	6	1	2.50E-04	2.50E-04		8.7E+01	2.9E-06	7.2E+02	3.5E-07	1.0E+07	2.5E-11	1.4E+02	1.8E-06	1.4E+02	1.8E-06	2.4E+03	1.0E-07	1.3E+07	1.9E-11	1.4E+02	1.8E-06
PAOC04	VOC	Methylcyclohexane	108-87-2		6	1	3.00E-04	3.00E-04																	
PAOC04	VOC	Methylene Chloride	75-09-2	B2	6	2	6.60E-04	3.00E-03		4.5E+01	6.7E-05	2.1E+02	1.4E-05	6.6E+06	4.5E-10	1.3E+03	2.3E-06	2.4E+02	1.3E-05	7.0E+02	4.3E-06	8.3E+06	3.6E-10	2.3E+03	1.3E-06
PAOC04	VOC	Toluene	108-88-3	ID	6	2	3.00E-04	1.00E-03		2.5E+02	4.0E-06	2.8E+03	3.6E-07	2.7E+07	3.7E-11	2.5E+02	4.0E-06	2.5E+02	4.0E-06	3.3E+03	3.0E-07	1.2E+07	8.3E-11	2.5E+02	4.0E-06
PAOC04	VOC	Xylenes (total)	1330-20-7	ID	6	1	1.40E-03	1.40E-03		1.5E+02	9.3E-06	4.6E+04	3.0E-08	2.9E+08	4.8E-12	1.5E+02	9.3E-06	1.5E+02	9.3E-06	5.4E+04	2.6E-08	1.3E+08	1.1E-11	1.5E+02	9.3E-06
PAOC04	SVOC	Acenaphthene	83-32-9		6	1	1.80E-01	1.80E-01		1.9E+05	9.5E-07	8.1E+04	2.2E-06	1.4E+07	1.3E-08	4.1E+04	4.4E-06	3.5E+05	5.1E-07	9.7E+04	1.9E-06	6.2E+06	2.9E-08	1.3E+05	1.4E-06
PAOC04	SVOC	Acenaphthylene	208-96-8	D	6	1	2.90E-02	2.90E-02		1.6E+03	1.8E-05	2.2E+03	1.3E-05	2.3E+06	1.3E-08	1.6E+03	1.8E-05	3.0E+03	9.7E-06	2.7E+03	1.1E-05	1.0E+06	2.9E-08	5.2E+03	5.6E-06
PAOC04	SVOC	Anthracene	120-12-7	D	6	2	6.10E-02	5.60E-01		1.0E+06	5.6E-07	1.4E+06	4.0E-07	6.7E+07	8.4E-09	2.3E+05	2.4E-06	1.0E+06	5.6E-07	1.6E+06	3.5E-07	2.9E+07	1.9E-08	7.3E+05	7.7E-07
PAOC04	SVOC	Benzo(a)anthracene	56-55-3	B2	6	3	2.30E-02	6.90E-01								2.0E+01	3.5E-02							8.0E+01	8.6E-03
PAOC04	SVOC	Benzo(a)pyrene	50-32-8	B2	6	3	1.90E-02	4.60E-01						1.5E+03	3.1E-04	2.0E+00	2.3E-01					1.9E+03	2.4E-04	8.0E+00	5.8E-02
PAOC04	SVOC	Benzo(b)fluoranthene	205-99-2	B2	6	3	2.30E-02	4.30E-01								2.0E+01	2.2E-02							8.0E+01	5.4E-03
PAOC04	SVOC	Benzo(g,h,i)perylene	191-24-2	D	6	3	1.50E-02	3.80E-01						8.0E+05	4.8E-07	2.5E+03	1.5E-04					3.5E+05	1.1E-06	7.0E+03	5.4E-05
PAOC04	SVOC	Benzo(k)fluoranthene	207-08-9	B2	6	2	1.00E-02	2.20E-01								2.0E+02	1.1E-03							8.0E+02	2.8E-04
PAOC04	SVOC	Chrysene	218-01-9	B2	6	3	2.90E-02	9.60E-01								2.0E+03	4.8E-04							8.0E+03	1.2E-04
PAOC04	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	6	1	9.80E-02	9.80E-02								2.0E+00	4.9E-02							8.0E+00	1.2E-02
PAOC04	SVOC	Fluoranthene	206-44-0	D	6	2	4.00E-02	6.80E-01		1.0E+06	6.8E-07	7.4E+05	9.2E-07	9.3E+06	7.3E-08	4.6E+04	1.5E-05	1.0E+06	6.8E-07	8.9E+05	7.6E-07	4.1E+06	1.7E-07	1.3E+05	5.2E-06
PAOC04	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	6	3	1.20E-02	2.00E-01								2.0E+01	1.0E-02							8.0E+01	2.5E-03
PAOC04	SVOC	2-Methylnaphthalene	91-57-6	ID	6	2	8.60E-03	1.70E-01								8.1E+03	2.1E-05							2.6E+04	6.5E-06
PAOC04	SVOC	Naphthalene	91-20-3	C	6	1	7.40E-02	7.40E-02		2.5E+02	3.0E-04	3.0E+02	2.5E-04	2.0E+05	3.7E-07	1.6E+04	4.6E-06	4.7E+02	1.6E-04	3.5E+02	2.1E-04	8.8E+04	8.4E-07	5.2E+04	1.4E-06
PAOC04	SVOC	Phenanthrene	85-01-8	D	6	4	8.60E-03	1.50E+00		2.8E+03	5.4E-04	1.6E+02	9.4E-03	6.7E+03	2.2E-04	1.6E+03	9.4E-04	5.1E+03	2.9E-04	1.9E+02	7.9E-03	2.9E+03	5.2E-04	5.2E+03	2.9E-04
PAOC04	SVOC	Pyrene	129-00-0	NC	6	3	3.30E-02	1.80E+00		1.0E+06	1.8E-06	6.5E+05	2.8E-06	6.7E+06	2.7E-07	2.9E+04	6.2E-05	1.0E+06	1.8E-06	7.8E+05	2.3E-06	2.9E+06	6.2E-07	8.4E+04	2.1E-05
PAOC04	PCB	PCBs (total)	1336-36-3	B2	6	1	5.07E-02	5.07E-02		3.0E+03	1.7E-05	2.4E+02	2.1E-04	5.2E+03	9.8E-06	4.0E+00	1.3E-02	1.6E+04	3.2E-06	8.1E+02	6.3E-05	6.5E+03	7.8E-06	1.6E+01	3.2E-03
PAOC04	INORG	Antimony	7440-36-0		6	4	9.10E-02	3.20E-01						1.3E+04	2.5E-05	1.8E+02	1.8E-03					5.9E+03	5.4E-05	6.7E+02	4.8E-04
PAOC04	INORG	Arsenic	7440-38-2	A	6	6	3.30E+00	1.21E+01						7.2E+02	1.7E-02	7.6E+00	**1.6E+00**					9.1E+02	1.3E-02	3.7E+01	3.3E-01
PAOC04	INORG	Barium	7440-39-3	NC	6	6	1.08E+01	6.20E+01						3.3E+05	1.9E-04	3.7E+04	1.7E-03					1.5E+05	4.1E-04	1.3E+05	4.8E-04
PAOC04	INORG	Beryllium	7440-41-7	B1	6	2	1.10E-01	1.80E-01						1.3E+03	1.4E-04	4.1E+02	4.4E-04					5.9E+02	3.1E-04	1.6E+03	1.1E-04
PAOC04	INORG	Cadmium	7440-43-9	B1	6	2	6.20E-02	4.70E-01						1.7E+03	2.8E-04	5.5E+02	8.5E-04					2.2E+03	2.1E-04	2.1E+03	2.2E-04
PAOC04	INORG	Chromium III	16065-83-1	D	6	6	5.50E+00	2.35E+01						3.3E+05	7.1E-05	7.9E+05	3.0E-05					1.5E+05	1.6E-04	1.0E+06	2.3E-05
PAOC04	INORG	Chromium VI	18540-29-9	A	6	4	6.10E-01	3.40E+00						2.6E+02	1.3E-02	2.5E+03	1.4E-03					2.4E+02	1.4E-02	9.2E+03	3.7E-04
PAOC04	INORG	Cobalt	7440-48-4	LC	6	6	3.50E+00	1.50E+01						1.3E+04	1.2E-03	2.6E+03	5.8E-03					5.9E+03	2.5E-03	9.0E+03	1.7E-03
PAOC04	INORG	Copper	7440-50-8	D	6	6	1.12E+01	4.89E+01						1.3E+05	3.8E-04	2.0E+04	2.4E-03					5.9E+04	8.3E-04	7.3E+04	6.7E-04
PAOC04	INORG	Lead	7439-92-1	B2	6	6	5.80E+00	7.18E+01						1.0E+05	7.2E-04	4.0E+02	1.8E-01					4.4E+04	1.6E-03	9.0E+02	8.0E-02
PAOC04	INORG	Manganese	7439-96-5	D	6	6	2.28E+02	9.23E+02	4.40E+02					3.3E+03	1.5E-01	2.5E+04	1.9E-02					1.5E+03	3.2E-01	9.0E+04	5.4E-03
PAOC04	INORG	Mercury	7439-97-6	D	6	4	1.50E-02	5.60E-02		4.8E+01	1.2E-03	5.2E+01	1.1E-03	2.0E+04	2.8E-06	1.6E+02	3.5E-04	8.9E+01	6.3E-04	6.2E+01	9.0E-04	8.8E+03	6.4E-06	5.8E+02	9.7E-05
PAOC04	INORG	Nickel	7440-02-0	A	6	6	8.30E+00	4.00E+01						1.3E+04	3.1E-03	4.0E+04	1.0E-03					1.6E+04	2.5E-03	1.5E+05	2.7E-04
PAOC04	INORG	Selenium	7782-49-2	D	6	6	1.20E-01	1.60E+00						1.3E+05	1.2E-05	2.6E+03	6.2E-04					5.9E+04	2.7E-05	9.6E+03	1.7E-04
PAOC04	INORG	Silver	7440-22-4	D	6	6	4.20E-02	1.00E-01						6.7E+03	1.5E-05	2.5E+03	4.0E-05					2.9E+03	3.4E-05	9.0E+03	1.1E-05
PAOC04	INORG	Thallium	7440-28-0		6	6	1.10E-01	4.20E-01								3.5E+01	1.2E-02							1.3E+02	3.2E-03
PAOC04	INORG	Vanadium	7440-62-2		6	6	7.10E+00	3.62E+01								7.5E+02	4.8E-02							5.5E+03	6.6E-03
PAOC04	INORG	Zinc	7440-66-6	ID	6	6	2.39E+01	9.21E+01								1.7E+05	5.4E-04							6.3E+05	1.5E-04
PAOC05	VOC	Acetone	67-64-1	ID	23	3	7.70E-03	5.50E-02		1.1E+05	5.0E-07	1.3E+05	4.2E-07	3.9E+08	1.4E-10	2.3E+04	2.4E-06	1.1E+05	5.0E-07	1.6E+05	3.4E-07	1.7E+08	3.2E-10	7.3E+04	7.5E-07
PAOC05	VOC	Benzene	71-43-2	A	123	24	3.60E-04	5.20E+00		1.6E+00	**3.3E+00**	1.3E+01	4.0E-01	3.8E+05	1.4E-05	1.8E+02	2.9E-02	8.4E+00	6.2E-01	4.5E+01	1.2E-01	4.7E+05	1.1E-05	4.0E+02	1.3E-02
PAOC05	VOC	2-Butanone	78-93-3	ID	22	4	1.50E-03	5.20E-03		2.7E+04	1.9E-07	2.9E+04	1.8E-07	6.7E+07	7.8E-11	2.7E+04	1.9E-07	2.7E+04	1.9E-07	3.5E+04	1.5E-07	2.9E+07	1.8E-10	2.7E+04	1.9E-07
PAOC05	VOC	Carbon Disulfide	75-15-0		16	2	1.20E-03	2.40E-03		7.6E+01	3.2E-05	1.3E+03	1.8E-06	4.7E+07	5.1E-11	2.8E+02	8.6E-06	1.4E+02	1.7E-05	1.6E+03	1.5E-06	2.1E+07	1.1E-10	2.8E+02	8.6E-06
PAOC05	VOC	Chloroethane	75-00-3	LC	22	1	8.20E-04	8.20E-04		9.5E+02	8.6E-07	3.0E+04	2.7E-08	6.7E+08	1.2E-12	9.5E+02	8.6E-07	9.5E+02	8.6E-07	3.6E+04	2.3E-08	2.9E+08	2.8E-12	9.5E+02	8.6E-07
PAOC05	VOC	Cumene	98-82-8	D	11	3	9.10E-04	6.10E-01		3.9E+02	1.6E-03	1.7E+03	3.6E-04	5.8E+06	1.1E-07	3.9E+02	1.6E-03	3.9E+02	1.6E-03	2.0E+03	3.1E-04	2.6E+06	2.3E-07	3.9E+02	1.6E-03
PAOC05	VOC	Cyclohexane	110-82-7	ID	11	3	4.10E-04	2.00E-02																	
PAOC05	VOC	Ethyl Benzene	100-41-4	D	123	24	3.20E-03	3.50E+03		8.7E+01	**4.0E+01**	7.2E+02	**4.9E+00**	1.0E+07	3.5E-04	1.4E+02	**2.5E+01**	1.4E+02	**2.5E+01**	2.4E+03	**1.5E+00**	1.3E+07	2.7E-04	1.4E+02	**2.5E+01**
PAOC05	VOC	Methyl Acetate	79-20-9		6	1	1.10E-01	1.10E-01																	
PAOC05	VOC	4-Methyl-2-pentanone	108-10-1	ID	22	1	1.80E-02	1.80E-02		2.7E+03	6.7E-06	4.5E+04	4.0E-07	1.4E+08	1.3E-10	2.7E+03	6.7E-06	2.7E+03	6.7E-06	5.3E+04	3.4E-07	6.0E+07	3.0E-10	2.7E+03	6.7E-06

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC05	VOC	Methylcyclohexane	108-87-2		11	3	5.80E-04	6.10E-02																	
PAOC05	VOC	Toluene	108-88-3	ID	123	19	3.00E-04	8.50E+02		2.5E+02	**3.4E+00**	2.8E+03	3.0E-01	2.7E+07	3.1E-05	2.5E+02	**3.4E+00**	2.5E+02	**3.4E+00**	3.3E+03	2.6E-01	1.2E+07	7.1E-05	2.5E+02	**3.4E+00**
PAOC05	VOC	Trichloroethene	79-01-6	C-B2	23	2	8.00E-04	1.10E-03		7.1E+00	1.5E-04	7.8E+01	1.4E-05	1.8E+06	6.1E-10	5.0E+02	2.2E-06	3.7E+01	3.0E-05	2.6E+02	4.2E-06	2.3E+06	4.8E-10	5.0E+02	2.2E-06
PAOC05	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	11	3	8.50E-04	2.50E+00		1.1E+02	2.3E-02	2.1E+04	1.2E-04	8.2E+07	3.0E-08	1.1E+02	2.3E-02	1.1E+02	2.3E-02	2.5E+04	1.0E-04	3.6E+07	6.9E-08	1.1E+02	2.3E-02
PAOC05	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	11	1	4.50E-01	4.50E-01		9.4E+01	4.8E-03	1.6E+04	2.8E-05	8.2E+07	5.5E-09	9.4E+01	4.8E-03	9.4E+01	4.8E-03	1.9E+04	2.4E-05	3.6E+07	1.3E-08	9.4E+01	4.8E-03
PAOC05	VOC	Xylenes (total)	1330-20-7	ID	123	26	5.90E-04	2.30E+04		1.5E+02	**1.5E+02**	4.6E+04	5.0E-01	2.9E+08	7.9E-05	1.5E+02	**1.5E+02**	1.5E+02	**1.5E+02**	5.4E+04	4.3E-01	1.3E+08	1.8E-04	1.5E+02	**1.5E+02**
PAOC05	SVOC	Acenaphthene	83-32-9		72	2	1.00E-01	2.10E-01		1.9E+05	1.1E-06	8.1E+04	2.6E-06	1.4E+07	1.5E-08	4.1E+04	5.1E-06	3.5E+05	6.0E-07	9.7E+04	2.2E-06	6.2E+06	3.4E-08	1.3E+05	1.6E-06
PAOC05	SVOC	Acenaphthylene	208-96-8	D	72	2	2.50E-02	4.70E-01		1.6E+03	2.9E-04	2.2E+03	2.1E-04	2.3E+06	2.0E-07	1.6E+03	2.9E-04	3.0E+03	1.6E-04	2.7E+03	1.7E-04	1.0E+06	4.7E-07	5.2E+03	9.0E-05
PAOC05	SVOC	Anthracene	120-12-7	D	72	2	2.30E-01	8.20E-01		1.0E+06	8.2E-07	1.4E+06	5.9E-07	6.7E+07	1.2E-08	2.3E+05	3.6E-06	1.0E+06	8.2E-07	1.6E+06	5.1E-07	2.9E+07	2.8E-08	7.3E+05	1.1E-06
PAOC05	SVOC	Benzo(a)anthracene	56-55-3	B2	72	5	1.50E-02	3.70E+00								2.0E+01	1.9E-01							8.0E+01	4.6E-02
PAOC05	SVOC	Benzo(a)pyrene	50-32-8	B2	72	5	1.20E-02	2.60E+00						1.5E+03	1.7E-03	2.0E+00	**1.3E+00**					1.9E+03	1.4E-03	8.0E+00	3.3E-01
PAOC05	SVOC	Benzo(b)fluoranthene	205-99-2	B2	72	5	1.30E-02	3.60E+00								2.0E+01	1.8E-01							8.0E+01	4.5E-02
PAOC05	SVOC	Benzo(g,h,i)perylene	191-24-2	D	72	5	1.20E-02	1.50E+00						8.0E+05	1.9E-06	2.5E+03	6.0E-04					3.5E+05	4.3E-06	7.0E+03	2.1E-04
PAOC05	SVOC	Benzo(k)fluoranthene	207-08-9	B2	72	3	1.10E-02	1.30E+00								2.0E+02	6.5E-03							8.0E+02	1.6E-03
PAOC05	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	13	3	2.10E-02	6.10E-02						7.0E+05	8.7E-08	2.8E+03	2.2E-05					8.9E+05	6.9E-08	1.0E+04	6.1E-06
PAOC05	SVOC	Carbazole	86-74-8	B2	13	2	9.30E-02	2.00E-01								5.3E+02	3.8E-04							2.4E+03	8.3E-05
PAOC05	SVOC	Chrysene	218-01-9	B2	72	5	2.30E-02	2.90E+00								2.0E+03	1.5E-03							8.0E+03	3.6E-04
PAOC05	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	72	2	9.60E-02	4.30E-01								2.0E+00	2.2E-01							8.0E+00	5.4E-02
PAOC05	SVOC	Dibenzofuran	132-64-9	D	13	3	5.10E-02	2.20E-01																	
PAOC05	SVOC	Fluoranthene	206-44-0	D	72	6	2.30E-02	1.00E+01		1.0E+06	1.0E-05	7.4E+05	1.4E-05	9.3E+06	1.1E-06	4.6E+04	2.2E-04	1.0E+06	1.0E-05	8.9E+05	1.1E-05	4.1E+06	2.4E-06	1.3E+05	7.7E-05
PAOC05	SVOC	Fluorene	86-73-7	D	72	2	6.00E-02	2.80E-01		5.8E+05	4.8E-07	1.3E+05	2.2E-06	9.3E+06	3.0E-08	2.7E+04	1.0E-05	1.0E+06	2.8E-07	1.5E+05	1.9E-06	4.1E+06	6.8E-08	8.7E+04	3.2E-06
PAOC05	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	72	3	1.50E-02	1.40E+00								2.0E+01	7.0E-02							8.0E+01	1.8E-02
PAOC05	SVOC	2-Methylnaphthalene	91-57-6	ID	72	3	7.70E-03	2.20E-01								8.1E+03	2.7E-05							2.6E+04	8.5E-06
PAOC05	SVOC	Naphthalene	91-20-3	C	72	3	6.40E-02	1.60E-01		2.5E+02	6.4E-04	3.0E+02	5.3E-04	2.0E+05	8.0E-07	1.6E+04	1.0E-05	4.7E+02	3.4E-04	3.5E+02	4.6E-04	8.8E+04	1.8E-06	5.2E+04	3.1E-06
PAOC05	SVOC	Phenanthrene	85-01-8	D	72	9	8.90E-03	3.40E+00		2.8E+03	1.2E-03	1.6E+02	2.1E-02	6.7E+03	5.1E-04	1.6E+03	2.1E-03	5.1E+03	6.7E-04	1.9E+02	1.8E-02	2.9E+03	1.2E-03	5.2E+03	6.5E-04
PAOC05	SVOC	Pyrene	129-00-0	NC	72	6	2.50E-02	8.10E+00		1.0E+06	8.1E-06	6.5E+05	1.2E-05	6.7E+06	1.2E-06	2.9E+04	2.8E-04	1.0E+06	8.1E-06	7.8E+05	1.0E-05	2.9E+06	2.8E-06	8.4E+04	9.6E-05
PAOC05	PCB	PCBs (total)	1336-36-3	B2	72	4	5.40E-02	6.70E-01		3.0E+03	2.2E-04	2.4E+02	2.8E-03	5.2E+03	1.3E-04	4.0E+00	1.7E-01	1.6E+04	4.2E-05	8.1E+02	8.3E-04	6.5E+03	1.0E-04	1.6E+01	4.2E-02
PAOC05	INORG	Antimony	7440-36-0		13	10	4.30E-02	5.30E-01						1.3E+04	4.1E-05	1.8E+02	2.9E-03					5.9E+03	9.0E-05	6.7E+02	7.9E-04
PAOC05	INORG	Arsenic	7440-38-2	A	13	13	1.10E+00	7.40E+00						7.2E+02	1.0E-02	7.6E+00	9.7E-01					9.1E+02	8.1E-03	3.7E+01	2.0E-01
PAOC05	INORG	Barium	7440-39-3	NC	13	13	1.52E+01	1.30E+02						3.3E+05	3.9E-04	3.7E+04	3.5E-03					1.5E+05	8.7E-04	1.3E+05	1.0E-03
PAOC05	INORG	Beryllium	7440-41-7	B1	13	8	1.50E-01	1.10E+00						1.3E+03	8.5E-04	4.1E+02	2.7E-03					5.9E+02	1.9E-03	1.6E+03	6.9E-04
PAOC05	INORG	Cadmium	7440-43-9	B1	78	72	1.60E-01	7.20E+00						1.7E+03	4.2E-03	5.5E+02	1.3E-02					2.2E+03	3.3E-03	2.1E+03	3.4E-03
PAOC05	INORG	Chromium (total)	7440-47-3		65	65	6.00E+00	2.70E+01						2.6E+02	1.0E-01	2.5E+03	1.1E-02					2.4E+02	1.1E-01	9.2E+03	2.9E-03
PAOC05	INORG	Chromium III	16065-83-1	D	13	13	6.18E+00	3.31E+01						3.3E+05	1.0E-04	7.9E+05	4.2E-05					1.5E+05	2.2E-04	1.0E+06	3.3E-05
PAOC05	INORG	Chromium VI	18540-29-9	A	13	7	4.10E-01	1.80E+00						2.6E+02	6.9E-03	2.5E+03	7.2E-04					2.4E+02	7.5E-03	9.2E+03	2.0E-04
PAOC05	INORG	Cobalt	7440-48-4	LC	13	13	2.60E+00	8.90E+00						1.3E+04	6.8E-04	2.6E+03	3.4E-03					5.9E+03	1.5E-03	9.0E+03	9.9E-04
PAOC05	INORG	Copper	7440-50-8	D	13	13	8.10E+00	1.42E+02						1.3E+05	1.1E-03	2.0E+04	7.1E-03					5.9E+04	2.4E-03	7.3E+04	1.9E-03
PAOC05	INORG	Cyanide (total)	57-12-5	D	13	1	6.40E-01	6.40E-01						2.5E+02	2.6E-03	1.2E+01	5.3E-02					2.5E+02	2.6E-03	2.5E+02	2.6E-03
PAOC05	INORG	Lead	7439-92-1	B2	78	78	2.10E+00	1.94E+01						1.0E+05	1.9E-04	4.0E+02	4.9E-02					4.4E+04	4.4E-04	9.0E+02	2.2E-02
PAOC05	INORG	Manganese	7439-96-5	D	13	13	1.30E+02	9.21E+02	4.40E+02					3.3E+03	1.5E-01	2.5E+04	1.9E-02					1.5E+03	3.2E-01	9.0E+04	5.3E-03
PAOC05	INORG	Mercury	7439-97-6	D	13	8	1.90E-02	1.00E-01		4.8E+01	2.1E-03	5.2E+01	1.9E-03	2.0E+04	5.0E-06	1.6E+02	6.3E-04	8.9E+01	1.1E-03	6.2E+01	1.6E-03	8.8E+03	1.1E-05	5.8E+02	1.7E-04
PAOC05	INORG	Nickel	7440-02-0	A	13	13	5.70E+00	2.48E+01						1.3E+04	1.9E-03	4.0E+04	6.2E-04					1.6E+04	1.6E-03	1.5E+05	1.7E-04
PAOC05	INORG	Selenium	7782-49-2	D	13	7	1.50E-01	5.70E-01						1.3E+05	4.4E-06	2.6E+03	2.2E-04					5.9E+04	9.7E-06	9.6E+03	5.9E-05
PAOC05	INORG	Silver	7440-22-4	D	13	13	3.00E-02	1.80E-01						6.7E+03	2.7E-05	2.5E+03	7.2E-05					2.9E+03	6.2E-05	9.0E+03	2.0E-05
PAOC05	INORG	Thallium	7440-28-0		13	12	4.10E-02	2.70E-01								3.5E+01	7.7E-03							1.3E+02	2.1E-03
PAOC05	INORG	Vanadium	7440-62-2		13	13	1.02E+01	2.45E+01								7.5E+02	3.3E-02							5.5E+03	4.5E-03
PAOC05	INORG	Zinc	7440-66-6	ID	13	13	1.46E+01	5.28E+01								1.7E+05	3.1E-04							6.3E+05	8.4E-05
PAOC06	VOC	Acetone	67-64-1	ID	9	2	7.00E-03	8.10E-03		1.1E+05	7.4E-08	1.3E+05	6.2E-08	3.9E+08	2.1E-11	2.3E+04	3.5E-07	1.1E+05	7.4E-08	1.6E+05	5.1E-08	1.7E+08	4.8E-11	7.3E+04	1.1E-07
PAOC06	VOC	Benzene	71-43-2	A	9	1	2.20E-04	2.20E-04		1.6E+00	1.4E-04	1.3E+01	1.7E-05	3.8E+05	5.8E-10	1.8E+02	1.2E-06	8.4E+00	2.6E-05	4.5E+01	4.9E-06	4.7E+05	4.7E-10	4.0E+02	5.5E-07
PAOC06	VOC	2-Butanone	78-93-3	ID	9	1	1.90E-03	1.90E-03		2.7E+04	7.0E-08	2.9E+04	6.6E-08	6.7E+07	2.8E-11	2.7E+04	7.0E-08	2.7E+04	7.0E-08	3.5E+04	5.4E-08	2.9E+07	6.6E-11	2.7E+04	7.0E-08
PAOC06	VOC	Carbon Disulfide	75-15-0		9	1	4.10E-03	4.10E-03		7.6E+01	5.4E-05	1.3E+03	3.2E-06	4.7E+07	8.7E-11	2.8E+02	1.5E-05	1.4E+02	2.9E-05	1.6E+03	2.6E-06	2.1E+07	2.0E-10	2.8E+02	1.5E-05
PAOC06	VOC	1,2-Dichlorobenzene	95-50-1	D	9	1	2.80E-04	2.80E-04		2.1E+02	1.3E-06	3.9E+04	7.2E-09	1.0E+08	2.8E-12	2.1E+02	1.3E-06	2.1E+02	1.3E-06	4.6E+04	6.1E-09	4.4E+07	6.4E-12	2.1E+02	1.3E-06
PAOC06	VOC	Toluene	108-88-3	ID	9	2	2.10E-04	6.20E-04		2.5E+02	2.5E-06	2.8E+03	2.2E-07	2.7E+07	2.3E-11	2.5E+02	2.5E-06	2.5E+02	2.5E-06	3.3E+03	1.9E-07	1.2E+07	5.2E-11	2.5E+02	2.5E-06
PAOC06	VOC	Trichloroethene	79-01-6	C-B2	9	2	4.70E-04	2.20E-02		7.1E+00	3.1E-03	7.8E+01	2.8E-04	1.8E+06	1.2E-08	5.0E+02	4.4E-05	3.7E+01	5.9E-04	2.6E+02	8.5E-05	2.3E+06	9.6E-09	5.0E+02	4.4E-05
PAOC06	VOC	Trichlorofluoromethane	75-69-4		9	1	6.60E-04	6.60E-04		5.6E+02	1.2E-06	9.2E+04	7.2E-09	3.8E+09	1.7E-13	5.6E+02	1.2E-06	5.6E+02	1.2E-06	1.1E+05	6.0E-09	1.7E+09	3.9E-13	5.6E+02	1.2E-06
PAOC06	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	9	1	1.40E-02	1.40E-02		1.1E+02	1.3E-04	2.1E+04	6.7E-07	8.2E+07	1.7E-10	1.1E+02	1.3E-04	1.1E+02	1.3E-04	2.5E+04	5.6E-07	3.6E+07	3.9E-10	1.1E+02	1.3E-04
PAOC06	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	9	1	3.90E-03	3.90E-03		9.4E+01	4.1E-05	1.6E+04	2.4E-07	8.2E+07	4.8E-11	9.4E+01	4.1E-05	9.4E+01	4.1E-05	1.9E+04	2.1E-07	3.6E+07	1.1E-10	9.4E+01	4.1E-05
PAOC06	VOC	Xylenes (total)	1330-20-7	ID	9	1	1.30E-03	1.30E-03		1.5E+02	8.7E-06	4.6E+04	2.8E-08	2.9E+08	4.5E-12	1.5E+02	8.7E-06	1.5E+02	8.7E-06	5.4E+04	2.4E-08	1.3E+08	1.0E-11	1.5E+02	8.7E-06
PAOC06	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	9	2	2.60E-02	6.30E-02						7.0E+05	9.0E-08	2.8E+03	2.3E-05					8.9E+05	7.1E-08	1.0E+04	6.3E-06
PAOC06	SVOC	Chrysene	218-01-9	B2	9	1	2.30E-02	2.30E-02								2.0E+03	1.2E-05							8.0E+03	2.9E-06
PAOC06	SVOC	Di-n-butylphthalate	84-74-2	D	9	1	4.10E-02	4.10E-02						3.3E+06	1.2E-08	7.6E+02	5.4E-05					1.5E+06	2.7E-08	7.6E+02	5.4E-05
PAOC06	SVOC	2,6-Dinitrotoluene	606-20-2	B2	9	1	1.50E-01	1.50E-01																	
PAOC06	SVOC	Fluoranthene	206-44-0	D	9	1	2.20E-02	2.20E-02		1.0E+06	2.2E-08	7.4E+05	3.0E-08	9.3E+06	2.4E-09	4.6E+04	4.8E-07	1.0E+06	2.2E-08	8.9E+05	2.5E-08	4.1E+06	5.4E-09	1.3E+05	1.7E-07
PAOC06	SVOC	Phenanthrene	85-01-8	D	9	1	2.20E-02	2.20E-02		2.8E+03	7.9E-06	1.6E+02	1.4E-04	6.7E+03	3.3E-06	1.6E+03	1.4E-05	5.1E+03	4.3E-06	1.9E+02	1.2E-04	2.9E+03	7.6E-06	5.2E+03	4.2E-06
PAOC06	SVOC	Pyrene	129-00-0	NC	9	1	1.60E-02	1.60E-02		1.0E+06	1.6E-08	6.5E+05	2.5E-08	6.7E+06	2.4E-09	2.9E+04	5.5E-07	1.0E+06	1.6E-08	7.8E+05	2.1E-08	2.9E+06	5.5E-09	8.4E+04	1.9E-07
PAOC06	INORG	Antimony	7440-36-0		8	7	3.40E-02	9.80E-02						1.3E+04	7.5E-06	1.8E+02	5.4E-04					5.9E+03	1.7E-05	6.7E+02	1.5E-04
PAOC06	INORG	Arsenic	7440-38-2	A	11	11	5.70E-01	1.11E+01						7.2E+02	1.5E-02	7.6E+00	**1.5E+00**					9.1E+02	1.2E-02	3.7E+01	3.0E-01
PAOC06	INORG	Barium	7440-39-3	NC	9	9	1.39E+01	4.40E+01						3.3E+05	1.3E-04	3.7E+04	1.2E-03					1.5E+05	2.9E-04	1.3E+05	3.4E-04
PAOC06	INORG	Beryllium	7440-41-7	B1	9	3	1.20E-01	3.90E-01						1.3E+03	3.0E-04	4.1E+02	9.5E-04					5.9E+02	6.6E-04	1.6E+03	2.4E-04
PAOC06	INORG	Cadmium	7440-43-9	B1	9	6	8.40E-02	3.90E-01						1.7E+03	2.3E-04	5.5E+02	7.1E-04					2.2E+03	1.8E-04	2.1E+03	1.9E-04
PAOC06	INORG	Chromium III	16065-83-1	D	9	9	6.39E+00	1.36E+01						3.3E+05	4.1E-05	7.9E+05	1.7E-05					1.5E+05	9.1E-05	1.0E+06	1.4E-05
PAOC06	INORG	Chromium VI	18540-29-9	A	9	4	3.00E-01	5.50E-01						2.6E+02	2.1E-03	2.5E+03	2.2E-04					2.4E+02	2.3E-03	9.2E+03	6.0E-05
PAOC06	INORG	Cobalt	7440-48-4	LC	9	9	2.20E+00	6.80E+00						1.3E+04	5.2E-04	2.6E+03	2.6E-03					5.9E+03	1.2E-03	9.0E+03	7.6E-04
PAOC06	INORG	Copper	7440-50-8	D	9	9	6.80E+00	2.09E+01						1.3E+05	1.6E-04	2.0E+04	1.0E-03					5.9E+04	3.5E-04	7.3E+04	2.9E-04
PAOC06	INORG	Cyanide (total)	57-12-5	D	9	2	2.30E-01	4.80E-01						2.5E+02	1.9E-03	1.2E+01	4.0E-02					2.5E+02	1.9E-03	2.5E+02	1.9E-03
PAOC06	INORG	Lead	7439-92-1	B2	9	9	3.90E+00	9.00E+00						1.0E+05	9.0E-05	4.0E+02	2.3E-02					4.4E+04	2.0E-04	9.0E+02	1.0E-02
PAOC06	INORG	Manganese	7439-96-5	D	9	9	1.50E+02	3.38E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC06	INORG	Mercury	7439-97-6	D	9	7	1.80E-02	6.30E-02		4.8E+01	1.3E-03	5.2E+01	1.2E-03	2.0E+04	3.2E-06	1.6E+02	3.9E-04	8.9E+01	7.1E-04	6.2E+01	1.0E-03	8.8E+03	7.2E-06	5.8E+02	1.1E-04
PAOC06	INORG	Nickel	7440-02-0	A	9	9	8.00E+00	1.71E+01						1.3E+04	1.3E-03	4.0E+04	4.3E-04					1.6E+04	1.1E-03	1.5E+05	1.1E-04
PAOC06	INORG	Selenium	7782-49-2	D	9	8	1.00E-01	9.00E-01						1.3E+05	6.9E-06	2.6E+03	3.5E-04					5.9E+04	1.5E-05	9.6E+03	9.4E-05
PAOC06	INORG	Silver	7440-22-4	D	9	4	3.70E-02	1.00E-01						6.7E+03	1.5E-05	2.5E+03	4.0E-05					2.9E+03	3.4E-05	9.0E+03	1.1E-05
PAOC06	INORG	Thallium	7440-28-0		9	7	7.90E-02	2.60E-01								3.5E+01	7.4E-03							1.3E+02	2.0E-03
PAOC06	INORG	Vanadium	7440-62-2		9	9	8.20E+00	2.05E+01								7.5E+02	2.7E-02							5.5E+03	3.7E-03
PAOC06	INORG	Zinc	7440-66-6	ID	9	9	1.72E+01	6.34E+01								1.7E+05	3.7E-04							6.3E+05	1.0E-04
PAOC07	VOC	Acetone	67-64-1	ID	1	1	1.20E-02	1.20E-02		1.1E+05	1.1E-07	1.3E+05	9.2E-08	3.9E+08	3.1E-11	2.3E+04	5.2E-07	1.1E+05	1.1E-07	1.6E+05	7.5E-08	1.7E+08	7.1E-11	7.3E+04	1.6E-07
PAOC07	VOC	2-Butanone	78-93-3	ID	1	1	2.60E-03	2.60E-03		2.7E+04	9.6E-08	2.9E+04	9.0E-08	6.7E+07	3.9E-11	2.7E+04	9.6E-08	2.7E+04	9.6E-08	3.5E+04	7.4E-08	2.9E+07	9.0E-11	2.7E+04	9.6E-08
PAOC07	INORG	Antimony	7440-36-0		1	1	7.20E-02	7.20E-02						1.3E+04	5.5E-06	1.8E+02	4.0E-04					5.9E+03	1.2E-05	6.7E+02	1.1E-04
PAOC07	INORG	Arsenic	7440-38-2	A	1	1	5.00E+00	5.00E+00						7.2E+02	6.9E-03	7.6E+00	6.6E-01					9.1E+02	5.5E-03	3.7E+01	1.4E-01
PAOC07	INORG	Barium	7440-39-3	NC	1	1	7.12E+01	7.12E+01						3.3E+05	2.2E-04	3.7E+04	1.9E-03					1.5E+05	4.7E-04	1.3E+05	5.5E-04
PAOC07	INORG	Beryllium	7440-41-7	B1	1	1	3.50E-01	3.50E-01						1.3E+03	2.7E-04	4.1E+02	8.5E-04					5.9E+02	5.9E-04	1.6E+03	2.2E-04
PAOC07	INORG	Chromium III	16065-83-1	D	1	1	1.71E+01	1.71E+01						3.3E+05	5.2E-05	7.9E+05	2.2E-05					1.5E+05	1.1E-04	1.0E+06	1.7E-05
PAOC07	INORG	Chromium VI	18540-29-9	A	1	1	7.80E-01	7.80E-01						2.6E+02	3.0E-03	2.5E+03	3.1E-04					2.4E+02	3.3E-03	9.2E+03	8.5E-05
PAOC07	INORG	Cobalt	7440-48-4	LC	1	1	9.10E+00	9.10E+00						1.3E+04	7.0E-04	2.6E+03	3.5E-03					5.9E+03	1.5E-03	9.0E+03	1.0E-03
PAOC07	INORG	Copper	7440-50-8	D	1	1	1.43E+01	1.43E+01						1.3E+05	1.1E-04	2.0E+04	7.2E-04					5.9E+04	2.4E-04	7.3E+04	2.0E-04
PAOC07	INORG	Lead	7439-92-1	B2	1	1	1.25E+01	1.25E+01						1.0E+05	1.3E-04	4.0E+02	3.1E-02					4.4E+04	2.8E-04	9.0E+02	1.4E-02
PAOC07	INORG	Manganese	7439-96-5	D	1	1	4.27E+02	4.27E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC07	INORG	Mercury	7439-97-6	D	1	1	4.50E-02	4.50E-02		4.8E+01	9.4E-04	5.2E+01	8.7E-04	2.0E+04	2.3E-06	1.6E+02	2.8E-04	8.9E+01	5.1E-04	6.2E+01	7.3E-04	8.8E+03	5.1E-06	5.8E+02	7.8E-05
PAOC07	INORG	Nickel	7440-02-0	A	1	1	2.20E+01	2.20E+01						1.3E+04	1.7E-03	4.0E+04	5.5E-04					1.6E+04	1.4E-03	1.5E+05	1.5E-04
PAOC07	INORG	Selenium	7782-49-2	D	1	1	1.20E-01	1.20E-01						1.3E+05	9.2E-07	2.6E+03	4.6E-05					5.9E+04	2.0E-06	9.6E+03	1.3E-05
PAOC07	INORG	Silver	7440-22-4	D	1	1	7.70E-02	7.70E-02						6.7E+03	1.1E-05	2.5E+03	3.1E-05					2.9E+03	2.7E-05	9.0E+03	8.6E-06
PAOC07	INORG	Thallium	7440-28-0		1	1	1.70E-01	1.70E-01								3.5E+01	4.9E-03							1.3E+02	1.3E-03
PAOC07	INORG	Vanadium	7440-62-2		1	1	2.36E+01	2.36E+01								7.5E+02	3.1E-02							5.5E+03	4.3E-03
PAOC07	INORG	Zinc	7440-66-6	ID	1	1	4.05E+01	4.05E+01								1.7E+05	2.4E-04							6.3E+05	6.4E-05
PAOC08	VOC	Acetone	67-64-1	ID	1	1	1.30E-02	1.30E-02		1.1E+05	1.2E-07	1.3E+05	1.0E-07	3.9E+08	3.3E-11	2.3E+04	5.7E-07	1.1E+05	1.2E-07	1.6E+05	8.1E-08	1.7E+08	7.6E-11	7.3E+04	1.8E-07
PAOC08	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	1	1	3.00E-02	3.00E-02						7.0E+05	4.3E-08	2.8E+03	1.1E-05					8.9E+05	3.4E-08	1.0E+04	3.0E-06
PAOC08	INORG	Antimony	7440-36-0		1	1	4.90E-02	4.90E-02						1.3E+04	3.8E-06	1.8E+02	2.7E-04					5.9E+03	8.3E-06	6.7E+02	7.3E-05
PAOC08	INORG	Arsenic	7440-38-2	A	1	1	7.40E+00	7.40E+00						7.2E+02	1.0E-02	7.6E+00	9.7E-01					9.1E+02	8.1E-03	3.7E+01	2.0E-01
PAOC08	INORG	Barium	7440-39-3	NC	1	1	4.36E+01	4.36E+01						3.3E+05	1.3E-04	3.7E+04	1.2E-03					1.5E+05	2.9E-04	1.3E+05	3.4E-04
PAOC08	INORG	Beryllium	7440-41-7	B1	1	1	3.60E-01	3.60E-01						1.3E+03	2.8E-04	4.1E+02	8.8E-04					5.9E+02	6.1E-04	1.6E+03	2.3E-04
PAOC08	INORG	Cadmium	7440-43-9	B1	1	1	2.30E-01	2.30E-01						1.7E+03	1.4E-04	5.5E+02	4.2E-04					2.2E+03	1.0E-04	2.1E+03	1.1E-04
PAOC08	INORG	Chromium III	16065-83-1	D	1	1	1.16E+01	1.16E+01						3.3E+05	3.5E-05	7.9E+05	1.5E-05					1.5E+05	7.7E-05	1.0E+06	1.2E-05
PAOC08	INORG	Chromium VI	18540-29-9	A	1	1	1.20E+00	1.20E+00						2.6E+02	4.6E-03	2.5E+03	4.8E-04					2.4E+02	5.0E-03	9.2E+03	1.3E-04
PAOC08	INORG	Cobalt	7440-48-4	LC	1	1	6.80E+00	6.80E+00						1.3E+04	5.2E-04	2.6E+03	2.6E-03					5.9E+03	1.2E-03	9.0E+03	7.6E-04
PAOC08	INORG	Copper	7440-50-8	D	1	1	1.38E+01	1.38E+01						1.3E+05	1.1E-04	2.0E+04	6.9E-04					5.9E+04	2.3E-04	7.3E+04	1.9E-04
PAOC08	INORG	Lead	7439-92-1	B2	1	1	5.50E+00	5.50E+00						1.0E+05	5.5E-05	4.0E+02	1.4E-02					4.4E+04	1.3E-04	9.0E+02	6.1E-03
PAOC08	INORG	Manganese	7439-96-5	D	1	1	3.08E+02	3.08E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC08	INORG	Mercury	7439-97-6	D	1	1	1.90E-02	1.90E-02		4.8E+01	4.0E-04	5.2E+01	3.7E-04	2.0E+04	9.5E-07	1.6E+02	1.2E-04	8.9E+01	2.1E-04	6.2E+01	3.1E-04	8.8E+03	2.2E-06	5.8E+02	3.3E-05
PAOC08	INORG	Nickel	7440-02-0	A	1	1	1.63E+01	1.63E+01						1.3E+04	1.3E-03	4.0E+04	4.1E-04					1.6E+04	1.0E-03	1.5E+05	1.1E-04
PAOC08	INORG	Selenium	7782-49-2	D	1	1	3.70E-01	3.70E-01						1.3E+05	2.8E-06	2.6E+03	1.4E-04					5.9E+04	6.3E-06	9.6E+03	3.9E-05
PAOC08	INORG	Thallium	7440-28-0		1	1	1.20E-01	1.20E-01								3.5E+01	3.4E-03							1.3E+02	9.2E-04
PAOC08	INORG	Vanadium	7440-62-2		1	1	1.76E+01	1.76E+01								7.5E+02	2.3E-02							5.5E+03	3.2E-03
PAOC08	INORG	Zinc	7440-66-6	ID	1	1	2.86E+01	2.86E+01								1.7E+05	1.7E-04							6.3E+05	4.5E-05
PAOC09	VOC	cis-1,2-Dichloroethene	156-59-2	ID	3	2	4.10E-01	7.30E-01		2.2E+01	3.3E-02	1.8E+02	4.1E-03	2.3E+06	3.2E-07	6.4E+02	1.1E-03	4.1E+01	1.8E-02	2.1E+02	3.5E-03	1.0E+06	7.3E-07	6.4E+02	1.1E-03
PAOC09	VOC	trans-1,2-Dichloroethene	156-60-5		3	2	4.80E-02	9.00E-02		2.3E+01	3.9E-03	2.8E+02	3.2E-04	4.7E+06	1.9E-08	1.4E+03	6.4E-05	4.3E+01	2.1E-03	3.3E+02	2.7E-04	2.1E+06	4.3E-08	1.4E+03	6.4E-05
PAOC09	VOC	Toluene	108-88-3	ID	3	1	2.90E-04	2.90E-04		2.5E+02	1.2E-06	2.8E+03	1.0E-07	2.7E+07	1.1E-11	2.5E+02	1.2E-06	2.5E+02	1.2E-06	3.3E+03	8.8E-08	1.2E+07	2.4E-11	2.5E+02	1.2E-06
PAOC09	VOC	Trichloroethene	79-01-6	C-B2	3	2	1.20E-01	2.20E-01		7.1E+00	3.1E-02	7.8E+01	2.8E-03	1.8E+06	1.2E-07	5.0E+02	4.4E-04	3.7E+01	5.9E-03	2.6E+02	8.5E-04	2.3E+06	9.6E-08	5.0E+02	4.4E-04
PAOC09	VOC	Vinyl Chloride	75-01-4	A	3	2	4.50E-02	6.60E-02		2.7E-01	2.4E-01	4.2E+00	1.6E-02	3.5E+05	1.9E-07	3.8E+00	1.7E-02	2.8E+00	2.4E-02	2.9E+01	2.3E-03	8.9E+05	7.4E-08	3.4E+01	1.9E-03
PAOC09	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	3	1	3.00E-02	3.00E-02						7.0E+05	4.3E-08	2.8E+03	1.1E-05					8.9E+05	3.4E-08	1.0E+04	3.0E-06
PAOC09	SVOC	Fluoranthene	206-44-0	D	3	2	9.50E-03	9.60E-03		1.0E+06	9.6E-09	7.4E+05	1.3E-08	9.3E+06	1.0E-09	4.6E+04	2.1E-07	1.0E+06	9.6E-09	8.9E+05	1.1E-08	4.1E+06	2.3E-09	1.3E+05	7.4E-08
PAOC09	SVOC	Phenanthrene	85-01-8	D	3	2	7.50E-03	7.80E-03		2.8E+03	2.8E-06	1.6E+02	4.9E-05	6.7E+03	1.2E-06	1.6E+03	4.9E-06	5.1E+03	1.5E-06	1.9E+02	4.1E-05	2.9E+03	2.7E-06	5.2E+03	1.5E-06
PAOC09	SVOC	Pyrene	129-00-0	NC	3	2	7.50E-03	8.00E-03		1.0E+06	8.0E-09	6.5E+05	1.2E-08	6.7E+06	1.2E-09	2.9E+04	2.8E-07	1.0E+06	8.0E-09	7.8E+05	1.0E-08	2.9E+06	2.8E-09	8.4E+04	9.5E-08
PAOC09	INORG	Antimony	7440-36-0		3	3	4.10E-02	7.00E-02						1.3E+04	5.4E-06	1.8E+02	3.9E-04					5.9E+03	1.2E-05	6.7E+02	1.0E-04
PAOC09	INORG	Arsenic	7440-38-2	A	3	3	4.10E+00	5.30E+00						7.2E+02	7.4E-03	7.6E+00	7.0E-01					9.1E+02	5.8E-03	3.7E+01	1.4E-01
PAOC09	INORG	Barium	7440-39-3	NC	3	3	3.15E+01	4.85E+01						3.3E+05	1.5E-04	3.7E+04	1.3E-03					1.5E+05	3.2E-04	1.3E+05	3.7E-04
PAOC09	INORG	Beryllium	7440-41-7	B1	3	3	2.70E-01	4.00E-01						1.3E+03	3.1E-04	4.1E+02	9.8E-04					5.9E+02	6.8E-04	1.6E+03	2.5E-04
PAOC09	INORG	Cadmium	7440-43-9	B1	3	3	2.10E-01	2.80E-01						1.7E+03	1.6E-04	5.5E+02	5.1E-04					2.2E+03	1.3E-04	2.1E+03	1.3E-04
PAOC09	INORG	Chromium III	16065-83-1	D	3	3	1.01E+01	1.27E+01						3.3E+05	3.8E-05	7.9E+05	1.6E-05					1.5E+05	8.5E-05	1.0E+06	1.3E-05
PAOC09	INORG	Chromium VI	18540-29-9	A	3	3	2.70E-01	1.10E+00						2.6E+02	4.2E-03	2.5E+03	4.4E-04					2.4E+02	4.6E-03	9.2E+03	1.2E-04
PAOC09	INORG	Cobalt	7440-48-4	LC	3	3	5.30E+00	9.10E+00						1.3E+04	7.0E-04	2.6E+03	3.5E-03					5.9E+03	1.5E-03	9.0E+03	1.0E-03
PAOC09	INORG	Copper	7440-50-8	D	3	3	1.06E+01	1.56E+01						1.3E+05	1.2E-04	2.0E+04	7.8E-04					5.9E+04	2.6E-04	7.3E+04	2.1E-04
PAOC09	INORG	Lead	7439-92-1	B2	3	3	4.90E+00	6.80E+00						1.0E+05	6.8E-05	4.0E+02	1.7E-02					4.4E+04	1.5E-04	9.0E+02	7.6E-03
PAOC09	INORG	Manganese	7439-96-5	D	3	3	2.78E+02	4.95E+02	4.40E+02					3.3E+03	1.7E-02	2.5E+04	2.2E-03					1.5E+03	3.7E-02	9.0E+04	6.1E-04
PAOC09	INORG	Mercury	7439-97-6	D	3	2	1.70E-02	2.30E-02		4.8E+01	4.8E-04	5.2E+01	4.4E-04	2.0E+04	1.2E-06	1.6E+02	1.4E-04	8.9E+01	2.6E-04	6.2E+01	3.7E-04	8.8E+03	2.6E-06	5.8E+02	4.0E-05
PAOC09	INORG	Nickel	7440-02-0	A	3	3	1.37E+01	2.13E+01						1.3E+04	1.6E-03	4.0E+04	5.3E-04					1.6E+04	1.3E-03	1.5E+05	1.4E-04
PAOC09	INORG	Selenium	7782-49-2	D	3	3	3.00E-01	5.00E-01						1.3E+05	3.8E-06	2.6E+03	1.9E-04					5.9E+04	8.5E-06	9.6E+03	5.2E-05
PAOC09	INORG	Silver	7440-22-4	D	3	1	1.80E-02	1.80E-02						6.7E+03	2.7E-06	2.5E+03	7.2E-06					2.9E+03	6.2E-06	9.0E+03	2.0E-06
PAOC09	INORG	Thallium	7440-28-0		3	3	1.30E-01	2.30E-01								3.5E+01	6.6E-03							1.3E+02	1.8E-03
PAOC09	INORG	Vanadium	7440-62-2		3	3	1.42E+01	1.79E+01								7.5E+02	2.4E-02							5.5E+03	3.3E-03
PAOC09	INORG	Zinc	7440-66-6	ID	3	3	2.67E+01	3.61E+01								1.7E+05	2.1E-04							6.3E+05	5.7E-05
PAOC10	VOC	Cumene	98-82-8	D	2	1	7.40E-02	7.40E-02		3.9E+02	1.9E-04	1.7E+03	4.4E-05	5.8E+06	1.3E-08	3.9E+02	1.9E-04	3.9E+02	1.9E-04	2.0E+03	3.7E-05	2.6E+06	2.8E-08	3.9E+02	1.9E-04
PAOC10	VOC	Cyclohexane	110-82-7	ID	2	1	5.80E-02	5.80E-02																	
PAOC10	VOC	Ethyl Benzene	100-41-4	D	2	1	2.20E-02	2.20E-02		8.7E+01	2.5E-04	7.2E+02	3.1E-05	1.0E+07	2.2E-09	1.4E+02	1.6E-04	1.4E+02	1.6E-04	2.4E+03	9.2E-06	1.3E+07	1.7E-09	1.4E+02	1.6E-04
PAOC10	VOC	Methylcyclohexane	108-87-2		2	1	1.10E-01	1.10E-01																	
PAOC10	VOC	Toluene	108-88-3	ID	2	1	1.40E-02	1.40E-02		2.5E+02	5.6E-05	2.8E+03	5.0E-06	2.7E+07	5.2E-10	2.5E+02	5.6E-05	2.5E+02	5.6E-05	3.3E+03	4.2E-06	1.2E+07	1.2E-09	2.5E+02	5.6E-05

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC10	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	2	1	5.20E-02	5.20E-02		1.1E+02	4.7E-04	2.1E+04	2.5E-06	8.2E+07	6.3E-10	1.1E+02	4.7E-04	1.1E+02	4.7E-04	2.5E+04	2.1E-06	3.6E+07	1.4E-09	1.1E+02	4.7E-04
PAOC10	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	2	1	5.30E-02	5.30E-02		9.4E+01	5.6E-04	1.6E+04	3.3E-06	8.2E+07	6.5E-10	9.4E+01	5.6E-04	9.4E+01	5.6E-04	1.9E+04	2.8E-06	3.6E+07	1.5E-09	9.4E+01	5.6E-04
PAOC10	VOC	Xylenes (total)	1330-20-7	ID	2	1	8.10E-02	8.10E-02		1.5E+02	5.4E-04	4.6E+04	1.8E-06	2.9E+08	2.8E-10	1.5E+02	5.4E-04	1.5E+02	5.4E-04	5.4E+04	1.5E-06	1.3E+08	6.2E-10	1.5E+02	5.4E-04
PAOC10	SVOC	Acenaphthene	83-32-9		2	1	1.30E+00	1.30E+00		1.9E+05	6.8E-06	8.1E+04	1.6E-05	1.4E+07	9.3E-08	4.1E+04	3.2E-05	3.5E+05	3.7E-06	9.7E+04	1.3E-05	6.2E+06	2.1E-07	1.3E+05	1.0E-05
PAOC10	SVOC	Benzo(b)fluoranthene	205-99-2	B2	2	1	1.20E-02	1.20E-02								2.0E+01	6.0E-04							8.0E+01	1.5E-04
PAOC10	SVOC	Biphenyl	92-52-4	D	2	1	9.30E-01	9.30E-01																	
PAOC10	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	2	1	5.70E-01	5.70E-01						7.0E+05	8.1E-07	2.8E+03	2.0E-04					8.9E+05	6.4E-07	1.0E+04	5.7E-05
PAOC10	SVOC	Chrysene	218-01-9	B2	2	1	1.80E-01	1.80E-01								2.0E+03	9.0E-05							8.0E+03	2.3E-05
PAOC10	SVOC	Fluoranthene	206-44-0	D	2	1	3.10E-01	3.10E-01		1.0E+06	3.1E-07	7.4E+05	4.2E-07	9.3E+06	3.3E-08	4.6E+04	6.7E-06	1.0E+06	3.1E-07	8.9E+05	3.5E-07	4.1E+06	7.6E-08	1.3E+05	2.4E-06
PAOC10	SVOC	2-Methylnaphthalene	91-57-6	ID	2	2	2.10E-02	2.40E+00								8.1E+03	3.0E-04							2.6E+04	9.2E-05
PAOC10	SVOC	Naphthalene	91-20-3	C	2	2	1.20E-02	1.60E+00		2.5E+02	6.4E-03	3.0E+02	5.3E-03	2.0E+05	8.0E-06	1.6E+04	1.0E-04	4.7E+02	3.4E-03	3.5E+02	4.6E-03	8.8E+04	1.8E-05	5.2E+04	3.1E-05
PAOC10	SVOC	Phenanthrene	85-01-8	D	2	2	9.20E-03	2.60E+00		2.8E+03	9.3E-04	1.6E+02	1.6E-02	6.7E+03	3.9E-04	1.6E+03	1.6E-03	5.1E+03	5.1E-04	1.9E+02	1.4E-02	2.9E+03	9.0E-04	5.2E+03	5.0E-04
PAOC10	SVOC	Pyrene	129-00-0	NC	2	1	5.60E-01	5.60E-01		1.0E+06	5.6E-07	6.5E+05	8.6E-07	6.7E+06	8.4E-08	2.9E+04	1.9E-05	1.0E+06	5.6E-07	7.8E+05	7.2E-07	2.9E+06	1.9E-07	8.4E+04	6.7E-06
PAOC10	INORG	Arsenic	7440-38-2	A	2	2	3.10E+00	3.80E+00						7.2E+02	5.3E-03	7.6E+00	5.0E-01					9.1E+02	4.2E-03	3.7E+01	1.0E-01
PAOC10	INORG	Barium	7440-39-3	NC	2	2	6.30E+00	3.59E+01						3.3E+05	1.1E-04	3.7E+04	9.7E-04					1.5E+05	2.4E-04	1.3E+05	2.8E-04
PAOC10	INORG	Chromium III	16065-83-1	D	2	2	3.89E+00	9.98E+00						3.3E+05	3.0E-05	7.9E+05	1.3E-05					1.5E+05	6.7E-05	1.0E+06	1.0E-05
PAOC10	INORG	Cobalt	7440-48-4	LC	2	2	1.80E+00	5.40E+00						1.3E+04	4.2E-04	2.6E+03	2.1E-03					5.9E+03	9.2E-04	9.0E+03	6.0E-04
PAOC10	INORG	Copper	7440-50-8	D	2	2	3.80E+00	1.02E+01						1.3E+05	7.8E-05	2.0E+04	5.1E-04					5.9E+04	1.7E-04	7.3E+04	1.4E-04
PAOC10	INORG	Lead	7439-92-1	B2	2	2	3.20E+00	6.50E+00						1.0E+05	6.5E-05	4.0E+02	1.6E-02					4.4E+04	1.5E-04	9.0E+02	7.2E-03
PAOC10	INORG	Manganese	7439-96-5	D	2	2	1.16E+02	2.14E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC10	INORG	Nickel	7440-02-0	A	2	2	3.70E+00	1.32E+01						1.3E+04	1.0E-03	4.0E+04	3.3E-04					1.6E+04	8.3E-04	1.5E+05	8.8E-05
PAOC10	INORG	Selenium	7782-49-2	D	2	1	4.60E-01	4.60E-01						1.3E+05	3.5E-06	2.6E+03	1.8E-04					5.9E+04	7.8E-06	9.6E+03	4.8E-05
PAOC10	INORG	Silver	7440-22-4	D	2	2	2.10E-02	2.40E-02						6.7E+03	3.6E-06	2.5E+03	9.6E-06					2.9E+03	8.3E-06	9.0E+03	2.7E-06
PAOC10	INORG	Thallium	7440-28-0		2	1	1.20E-01	1.20E-01								3.5E+01	3.4E-03							1.3E+02	9.2E-04
PAOC10	INORG	Vanadium	7440-62-2		2	2	6.40E+00	1.31E+01								7.5E+02	1.7E-02							5.5E+03	2.4E-03
PAOC10	INORG	Zinc	7440-66-6	ID	2	2	2.01E+01	3.28E+01								1.7E+05	1.9E-04							6.3E+05	5.2E-05
PAOC11	VOC	Acetone	67-64-1	ID	1	1	6.00E-02	6.00E-02		1.1E+05	5.5E-07	1.3E+05	4.6E-07	3.9E+08	1.5E-10	2.3E+04	2.6E-06	1.1E+05	5.5E-07	1.6E+05	3.8E-07	1.7E+08	3.5E-10	7.3E+04	8.2E-07
PAOC11	VOC	2-Butanone	78-93-3	ID	1	1	1.50E-02	1.50E-02		2.7E+04	5.6E-07	2.9E+04	5.2E-07	6.7E+07	2.2E-10	2.7E+04	5.6E-07	2.7E+04	5.6E-07	3.5E+04	4.3E-07	2.9E+07	5.2E-10	2.7E+04	5.6E-07
PAOC11	SVOC	Benzo(b)fluoranthene	205-99-2	B2	1	1	8.10E-03	8.10E-03								2.0E+01	4.1E-04							8.0E+01	1.0E-04
PAOC11	SVOC	Fluoranthene	206-44-0	D	1	1	1.10E-02	1.10E-02		1.0E+06	1.1E-08	7.4E+05	1.5E-08	9.3E+06	1.2E-09	4.6E+04	2.4E-07	1.0E+06	1.1E-08	8.9E+05	1.2E-08	4.1E+06	2.7E-09	1.3E+05	8.5E-08
PAOC11	SVOC	Naphthalene	91-20-3	C	1	1	8.50E-03	8.50E-03		2.5E+02	3.4E-05	3.0E+02	2.8E-05	2.0E+05	4.3E-08	1.6E+04	5.3E-07	4.7E+02	1.8E-05	3.5E+02	2.4E-05	8.8E+04	9.7E-08	5.2E+04	1.6E-07
PAOC11	SVOC	Phenanthrene	85-01-8	D	1	1	9.10E-03	9.10E-03		2.8E+03	3.3E-06	1.6E+02	5.7E-05	6.7E+03	1.4E-06	1.6E+03	5.7E-06	5.1E+03	1.8E-06	1.9E+02	4.8E-05	2.9E+03	3.1E-06	5.2E+03	1.8E-06
PAOC11	SVOC	Pyrene	129-00-0	NC	1	1	1.00E-02	1.00E-02		1.0E+06	1.0E-08	6.5E+05	1.5E-08	6.7E+06	1.5E-09	2.9E+04	3.4E-07	1.0E+06	1.0E-08	7.8E+05	1.3E-08	2.9E+06	3.4E-09	8.4E+04	1.2E-07
PAOC11	INORG	Antimony	7440-36-0		1	1	5.50E+00	5.50E+00						1.3E+04	4.2E-04	1.8E+02	3.1E-02					5.9E+03	9.3E-04	6.7E+02	8.2E-03
PAOC11	INORG	Arsenic	7440-38-2	A	1	1	5.50E+00	5.50E+00						7.2E+02	7.6E-03	7.6E+00	7.2E-01					9.1E+02	6.0E-03	3.7E+01	1.5E-01
PAOC11	INORG	Barium	7440-39-3	NC	1	1	7.16E+01	7.16E+01						3.3E+05	2.2E-04	3.7E+04	1.9E-03					1.5E+05	4.8E-04	1.3E+05	5.5E-04
PAOC11	INORG	Beryllium	7440-41-7	B1	1	1	4.10E-01	4.10E-01						1.3E+03	3.2E-04	4.1E+02	1.0E-03					5.9E+02	6.9E-04	1.6E+03	2.6E-04
PAOC11	INORG	Cadmium	7440-43-9	B1	1	1	2.80E-01	2.80E-01						1.7E+03	1.6E-04	5.5E+02	5.1E-04					2.2E+03	1.3E-04	2.1E+03	1.3E-04
PAOC11	INORG	Chromium III	16065-83-1	D	1	1	1.03E+01	1.03E+01						3.3E+05	3.1E-05	7.9E+05	1.3E-05					1.5E+05	6.9E-05	1.0E+06	1.0E-05
PAOC11	INORG	Chromium VI	18540-29-9	A	1	1	5.70E-01	5.70E-01						2.6E+02	2.2E-03	2.5E+03	2.3E-04					2.4E+02	2.4E-03	9.2E+03	6.2E-05
PAOC11	INORG	Cobalt	7440-48-4	LC	1	1	5.20E+00	5.20E+00						1.3E+04	4.0E-04	2.6E+03	2.0E-03					5.9E+03	8.8E-04	9.0E+03	5.8E-04
PAOC11	INORG	Copper	7440-50-8	D	1	1	2.84E+02	2.84E+02						1.3E+05	2.2E-03	2.0E+04	1.4E-02					5.9E+04	4.8E-03	7.3E+04	3.9E-03
PAOC11	INORG	Lead	7439-92-1	B2	1	1	3.01E+02	3.01E+02						1.0E+05	3.0E-03	4.0E+02	7.5E-01					4.4E+04	6.8E-03	9.0E+02	3.3E-01
PAOC11	INORG	Manganese	7439-96-5	D	1	1	4.41E+02	4.41E+02	4.40E+02					3.3E+03	3.0E-04	2.5E+04	4.0E-05					1.5E+03	6.7E-04	9.0E+04	1.1E-05
PAOC11	INORG	Mercury	7439-97-6	D	1	1	3.40E-02	3.40E-02		4.8E+01	7.1E-04	5.2E+01	6.5E-04	2.0E+04	1.7E-06	1.6E+02	2.1E-04	8.9E+01	3.8E-04	6.2E+01	5.5E-04	8.8E+03	3.9E-06	5.8E+02	5.9E-05
PAOC11	INORG	Nickel	7440-02-0	A	1	1	7.00E+00	7.00E+00						1.3E+04	5.4E-04	4.0E+04	1.8E-04					1.6E+04	4.4E-04	1.5E+05	4.7E-05
PAOC11	INORG	Selenium	7782-49-2	D	1	1	3.70E-01	3.70E-01						1.3E+05	2.8E-06	2.6E+03	1.4E-04					5.9E+04	6.3E-06	9.6E+03	3.9E-05
PAOC11	INORG	Vanadium	7440-62-2		1	1	2.37E+01	2.37E+01								7.5E+02	3.2E-02							5.5E+03	4.3E-03
PAOC11	INORG	Zinc	7440-66-6	ID	1	1	2.54E+01	2.54E+01								1.7E+05	1.5E-04							6.3E+05	4.0E-05
PAOC11/PAOC14	INORG	Arsenic	7440-38-2	A	1	1	1.50E+00	1.50E+00						7.2E+02	2.1E-03	7.6E+00	2.0E-01					9.1E+02	1.6E-03	3.7E+01	4.1E-02
PAOC11/PAOC14	INORG	Barium	7440-39-3	NC	1	1	3.80E+01	3.80E+01						3.3E+05	1.2E-04	3.7E+04	1.0E-03					1.5E+05	2.5E-04	1.3E+05	2.9E-04
PAOC11/PAOC14	INORG	Beryllium	7440-41-7	B1	1	1	4.40E-01	4.40E-01						1.3E+03	3.4E-04	4.1E+02	1.1E-03					5.9E+02	7.5E-04	1.6E+03	2.8E-04
PAOC11/PAOC14	INORG	Cadmium	7440-43-9	B1	1	1	2.50E-01	2.50E-01						1.7E+03	1.5E-04	5.5E+02	4.5E-04					2.2E+03	1.1E-04	2.1E+03	1.2E-04
PAOC11/PAOC14	INORG	Chromium III	16065-83-1	D	1	1	1.27E+01	1.27E+01						3.3E+05	3.9E-05	7.9E+05	1.6E-05					1.5E+05	8.5E-05	1.0E+06	1.3E-05
PAOC11/PAOC14	INORG	Chromium VI	18540-29-9	A	1	1	3.60E-01	3.60E-01						2.6E+02	1.4E-03	2.5E+03	1.4E-04					2.4E+02	1.5E-03	9.2E+03	3.9E-05
PAOC11/PAOC14	INORG	Cobalt	7440-48-4	LC	1	1	7.00E+00	7.00E+00						1.3E+04	5.4E-04	2.6E+03	2.7E-03					5.9E+03	1.2E-03	9.0E+03	7.8E-04
PAOC11/PAOC14	INORG	Copper	7440-50-8	D	1	1	1.47E+01	1.47E+01						1.3E+05	1.1E-04	2.0E+04	7.4E-04					5.9E+04	2.5E-04	7.3E+04	2.0E-04
PAOC11/PAOC14	INORG	Lead	7439-92-1	B2	1	1	6.60E+00	6.60E+00						1.0E+05	6.6E-05	4.0E+02	1.7E-02					4.4E+04	1.5E-04	9.0E+02	7.3E-03
PAOC11/PAOC14	INORG	Manganese	7439-96-5	D	1	1	3.44E+02	3.44E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC11/PAOC14	INORG	Mercury	7439-97-6	D	1	1	2.30E-02	2.30E-02		4.8E+01	4.8E-04	5.2E+01	4.4E-04	2.0E+04	1.2E-06	1.6E+02	1.4E-04	8.9E+01	2.6E-04	6.2E+01	3.7E-04	8.8E+03	2.6E-06	5.8E+02	4.0E-05
PAOC11/PAOC14	INORG	Nickel	7440-02-0	A	1	1	1.66E+01	1.66E+01						1.3E+04	1.3E-03	4.0E+04	4.2E-04					1.6E+04	1.0E-03	1.5E+05	1.1E-04
PAOC11/PAOC14	INORG	Vanadium	7440-62-2		1	1	1.97E+01	1.97E+01								7.5E+02	2.6E-02							5.5E+03	3.6E-03
PAOC11/PAOC14	INORG	Zinc	7440-66-6	ID	1	1	9.90E+00	9.90E+00								1.7E+05	5.8E-05							6.3E+05	1.6E-05
PAOC12	VOC	Toluene	108-88-3	ID	2	1	2.40E-04	2.40E-04		2.5E+02	9.6E-07	2.8E+03	8.6E-08	2.7E+07	8.9E-12	2.5E+02	9.6E-07	2.5E+02	9.6E-07	3.3E+03	7.3E-08	1.2E+07	2.0E-11	2.5E+02	9.6E-07
PAOC12	SVOC	Acenaphthylene	208-96-8	D	2	1	4.10E-02	4.10E-02		1.6E+03	2.6E-05	2.2E+03	1.9E-05	2.3E+06	1.8E-08	1.6E+03	2.6E-05	3.0E+03	1.4E-05	2.7E+03	1.5E-05	1.0E+06	4.1E-08	5.2E+03	7.9E-06
PAOC12	SVOC	Benzo(g,h,i)perylene	191-24-2	D	2	2	5.90E-02	1.10E-01						8.0E+05	1.4E-07	2.5E+03	4.4E-05					3.5E+05	3.1E-07	7.0E+03	1.6E-05
PAOC12	SVOC	Fluoranthene	206-44-0	D	2	2	1.20E-01	1.50E-01		1.0E+06	1.5E-07	7.4E+05	2.0E-07	9.3E+06	1.6E-08	4.6E+04	3.3E-06	1.0E+06	1.5E-07	8.9E+05	1.7E-07	4.1E+06	3.7E-08	1.3E+05	1.2E-06
PAOC12	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	2	1	9.50E-02	9.50E-02								2.0E+01	4.8E-03							8.0E+01	1.2E-03
PAOC12	SVOC	2-Methylnaphthalene	91-57-6	ID	2	2	5.30E-02	8.60E-02								8.1E+03	1.1E-05							2.6E+04	3.3E-06
PAOC12	SVOC	Phenanthrene	85-01-8	D	2	2	6.10E-02	1.00E-01		2.8E+03	3.6E-05	1.6E+02	6.3E-04	6.7E+03	1.5E-05	1.6E+03	6.3E-05	5.1E+03	2.0E-05	1.9E+02	5.3E-04	2.9E+03	3.4E-05	5.2E+03	1.9E-05
PAOC12	SVOC	Pyrene	129-00-0	NC	2	2	7.50E-02	1.50E-01		1.0E+06	1.5E-07	6.5E+05	2.3E-07	6.7E+06	2.2E-08	2.9E+04	5.2E-06	1.0E+06	1.5E-07	7.8E+05	1.9E-07	2.9E+06	5.2E-08	8.4E+04	1.8E-06
PAOC12	INORG	Antimony	7440-36-0		2	2	1.50E+00	2.50E+00						1.3E+04	1.9E-04	1.8E+02	1.4E-02					5.9E+03	4.2E-04	6.7E+02	3.7E-03
PAOC12	INORG	Arsenic	7440-38-2	A	2	2	3.80E+00	6.90E+00						7.2E+02	9.6E-03	7.6E+00	9.1E-01					9.1E+02	7.6E-03	3.7E+01	1.9E-01
PAOC12	INORG	Barium	7440-39-3	NC	2	2	8.46E+01	1.14E+02						3.3E+05	3.5E-04	3.7E+04	3.1E-03					1.5E+05	7.6E-04	1.3E+05	8.8E-04
PAOC12	INORG	Beryllium	7440-41-7	B1	2	2	1.00E-01	1.40E-01						1.3E+03	1.1E-04	4.1E+02	3.4E-04					5.9E+02	2.4E-04	1.6E+03	8.8E-05
PAOC12	INORG	Cadmium	7440-43-9	B1	2	2	1.50E+00	7.80E+00						1.7E+03	4.6E-03	5.5E+02	1.4E-02					2.2E+03	3.5E-03	2.1E+03	3.7E-03
PAOC12	INORG	Chromium III	16065-83-1	D	2	2	1.66E+01	2.17E+01						3.3E+05	6.6E-05	7.9E+05	2.7E-05					1.5E+05	1.4E-04	1.0E+06	2.2E-05

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC12	INORG	Chromium VI	18540-29-9	A	2	2	1.20E+00	1.70E+00						2.6E+02	6.5E-03	2.5E+03	6.8E-04					2.4E+02	7.1E-03	9.2E+03	1.8E-04
PAOC12	INORG	Cobalt	7440-48-4	LC	2	2	7.20E+00	8.20E+00						1.3E+04	6.3E-04	2.6E+03	3.2E-03					5.9E+03	1.4E-03	9.0E+03	9.1E-04
PAOC12	INORG	Copper	7440-50-8	D	2	2	6.71E+01	1.13E+02						1.3E+05	8.7E-04	2.0E+04	5.7E-03					5.9E+04	1.9E-03	7.3E+04	1.5E-03
PAOC12	INORG	Lead	7439-92-1	B2	3	3	1.45E+01	4.46E+02						1.0E+05	4.5E-03	4.0E+02	**1.1E+00**					4.4E+04	1.0E-02	9.0E+02	5.0E-01
PAOC12	INORG	Manganese	7439-96-5	D	2	2	3.17E+02	4.69E+02	4.40E+02					3.3E+03	8.8E-03	2.5E+04	1.2E-03					1.5E+03	1.9E-02	9.0E+04	3.2E-04
PAOC12	INORG	Mercury	7439-97-6	D	2	2	3.90E-01	4.40E-01		4.8E+01	9.2E-03	5.2E+01	8.5E-03	2.0E+04	2.2E-05	1.6E+02	2.8E-03	8.9E+01	4.9E-03	6.2E+01	7.1E-03	8.8E+03	5.0E-05	5.8E+02	7.6E-04
PAOC12	INORG	Nickel	7440-02-0	A	2	2	2.00E+01	2.88E+01						1.3E+04	2.2E-03	4.0E+04	7.2E-04					1.6E+04	1.8E-03	1.5E+05	1.9E-04
PAOC12	INORG	Selenium	7782-49-2	D	2	2	1.50E-01	3.30E-01						1.3E+05	2.5E-06	2.6E+03	1.3E-04					5.9E+04	5.6E-06	9.6E+03	3.4E-05
PAOC12	INORG	Silver	7440-22-4	D	2	2	1.30E-01	1.50E-01						6.7E+03	2.2E-05	2.5E+03	6.0E-05					2.9E+03	5.2E-05	9.0E+03	1.7E-05
PAOC12	INORG	Thallium	7440-28-0		2	2	1.70E-01	2.20E-01								3.5E+01	6.3E-03							1.3E+02	1.7E-03
PAOC12	INORG	Vanadium	7440-62-2		2	2	1.79E+01	2.00E+01								7.5E+02	2.7E-02							5.5E+03	3.6E-03
PAOC12	INORG	Zinc	7440-66-6	ID	2	2	7.90E+01	1.22E+02								1.7E+05	7.2E-04							6.3E+05	1.9E-04
PAOC13	VOC	Bromodichloromethane	75-27-4	B2	26	1	2.00E-02	2.00E-02		1.2E+00	1.7E-02	9.1E+00	2.2E-03	8.4E+04	2.4E-07	1.1E+02	1.8E-04	6.4E+00	3.1E-03	3.1E+01	6.5E-04	1.1E+05	1.8E-07	4.9E+02	4.1E-05
PAOC13	VOC	Chloroform	67-66-3	B2	26	2	1.50E-02	1.10E-01		7.2E+00	1.5E-02	4.5E+01	2.4E-03	1.3E+06	8.5E-08	1.2E+03	9.2E-05	3.8E+01	2.9E-03	1.5E+02	7.3E-04	1.6E+06	6.9E-08	1.5E+03	7.3E-05
PAOC13	VOC	Ethyl Benzene	100-41-4	D	26	4	2.90E-02	4.00E+01		8.7E+01	4.6E-01	7.2E+02	5.6E-02	1.0E+07	4.0E-06	1.4E+02	2.9E-01	1.4E+02	2.9E-01	2.4E+03	1.7E-02	1.3E+07	3.1E-06	1.4E+02	2.9E-01
PAOC13	VOC	Tetrachloroethene	127-18-4	C-B2	26	2	1.50E-02	2.60E-01		1.1E+01	2.4E-02	1.8E+02	1.4E-03	5.4E+06	4.8E-08	8.8E+01	3.0E-03	6.0E+01	4.3E-03	6.0E+02	4.3E-04	6.8E+06	3.8E-08	8.8E+01	3.0E-03
PAOC13	VOC	Toluene	108-88-3	ID	26	2	1.30E-02	2.40E+00		2.5E+02	9.6E-03	2.8E+03	8.6E-04	2.7E+07	8.9E-08	2.5E+02	9.6E-03	2.5E+02	9.6E-03	3.3E+03	7.3E-04	1.2E+07	2.0E-07	2.5E+02	9.6E-03
PAOC13	VOC	1,1,1-Trichloroethane	71-55-6	ID	26	3	1.30E-02	5.60E-02		2.5E+02	2.2E-04	3.8E+03	1.5E-05	6.7E+07	8.4E-10	4.6E+02	1.2E-04	4.6E+02	1.2E-04	4.5E+03	1.2E-05	2.9E+07	1.9E-09	4.6E+02	1.2E-04
PAOC13	VOC	Trichloroethene	79-01-6	C-B2	26	1	2.70E-01	2.70E-01		7.1E+00	3.8E-02	7.8E+01	3.5E-03	1.8E+06	1.5E-07	5.0E+02	5.4E-04	3.7E+01	7.3E-03	2.6E+02	1.0E-03	2.3E+06	1.2E-07	5.0E+02	5.4E-04
PAOC13	VOC	Xylenes (total)	1330-20-7	ID	26	3	2.30E-01	2.00E+01		1.5E+02	1.3E-01	4.6E+04	4.3E-04	2.9E+08	6.9E-08	1.5E+02	1.3E-01	1.5E+02	1.3E-01	5.4E+04	3.7E-04	1.3E+08	1.5E-07	1.5E+02	1.3E-01
PAOC13	INORG	Chromium (total)	7440-47-3		14	14	1.29E-02	3.28E+01						2.6E+02	1.3E-01	2.5E+03	1.3E-02					2.4E+02	1.4E-01	9.2E+03	3.6E-03
PAOC13	INORG	Lead	7439-92-1	B2	14	14	1.23E-02	3.00E+01						1.0E+05	3.0E-04	4.0E+02	7.5E-02					4.4E+04	6.8E-04	9.0E+02	3.3E-02
PAOC13/PAOC19	VOC	2-Butanone	78-93-3	ID	2	2	1.60E-03	1.90E-02		2.7E+04	7.0E-07	2.9E+04	6.6E-07	6.7E+07	2.8E-10	2.7E+04	7.0E-07	2.7E+04	7.0E-07	3.5E+04	5.4E-07	2.9E+07	6.6E-10	2.7E+04	7.0E-07
PAOC13/PAOC19	VOC	Carbon Disulfide	75-15-0		2	2	4.60E-04	5.50E-04		7.6E+01	7.2E-06	1.3E+03	4.2E-07	4.7E+07	1.2E-11	2.8E+02	2.0E-06	1.4E+02	3.9E-06	1.6E+03	3.4E-07	2.1E+07	2.6E-11	2.8E+02	2.0E-06
PAOC13/PAOC19	VOC	cis-1,2-Dichloroethene	156-59-2	ID	2	1	6.10E-04	6.10E-04		2.2E+01	2.8E-05	1.8E+02	3.4E-06	2.3E+06	2.7E-10	6.4E+02	9.5E-07	4.1E+01	1.5E-05	2.1E+02	2.9E-06	1.0E+06	6.1E-10	6.4E+02	9.5E-07
PAOC13/PAOC19	VOC	Trichloroethene	79-01-6	C-B2	2	1	6.70E-04	6.70E-04		7.1E+00	9.4E-05	7.8E+01	8.6E-06	1.8E+06	3.7E-10	5.0E+02	1.3E-06	3.7E+01	1.8E-05	2.6E+02	2.6E-06	2.3E+06	2.9E-10	5.0E+02	1.3E-06
PAOC13/PAOC19	SVOC	Anthracene	120-12-7	D	2	1	6.10E-03	6.10E-03		1.0E+06	6.1E-09	1.4E+06	4.4E-09	6.7E+07	9.1E-11	2.3E+05	2.7E-08	1.0E+06	6.1E-09	1.6E+06	3.8E-09	2.9E+07	2.1E-10	7.3E+05	8.4E-09
PAOC13/PAOC19	SVOC	Benzo(b)fluoranthene	205-99-2	B2	2	1	8.00E-03	8.00E-03								2.0E+01	4.0E-04							8.0E+01	1.0E-04
PAOC13/PAOC19	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	2	1	4.80E-02	4.80E-02						7.0E+05	6.9E-08	2.8E+03	1.7E-05					8.9E+05	5.4E-08	1.0E+04	4.8E-06
PAOC13/PAOC19	SVOC	Phenanthrene	85-01-8	D	2	1	8.80E-03	8.80E-03		2.8E+03	3.1E-06	1.6E+02	5.5E-05	6.7E+03	1.3E-06	1.6E+03	5.5E-06	5.1E+03	1.7E-06	1.9E+02	4.6E-05	2.9E+03	3.0E-06	5.2E+03	1.7E-06
PAOC13/PAOC19	INORG	Antimony	7440-36-0		2	1	5.20E-02	5.20E-02						1.3E+04	4.0E-06	1.8E+02	2.9E-04					5.9E+03	8.8E-06	6.7E+02	7.8E-05
PAOC13/PAOC19	INORG	Arsenic	7440-38-2	A	2	2	1.70E+00	3.80E+00						7.2E+02	5.3E-03	7.6E+00	5.0E-01					9.1E+02	4.2E-03	3.7E+01	1.0E-01
PAOC13/PAOC19	INORG	Barium	7440-39-3	NC	2	2	1.14E+01	4.51E+01						3.3E+05	1.4E-04	3.7E+04	1.2E-03					1.5E+05	3.0E-04	1.3E+05	3.5E-04
PAOC13/PAOC19	INORG	Beryllium	7440-41-7	B1	2	2	1.70E-01	3.60E-01						1.3E+03	2.8E-04	4.1E+02	8.8E-04					5.9E+02	6.1E-04	1.6E+03	2.3E-04
PAOC13/PAOC19	INORG	Cadmium	7440-43-9	B1	2	2	1.70E-01	3.40E-01						1.7E+03	2.0E-04	5.5E+02	6.2E-04					2.2E+03	1.5E-04	2.1E+03	1.6E-04
PAOC13/PAOC19	INORG	Chromium III	16065-83-1	D	2	2	5.36E+00	1.02E+01						3.3E+05	3.1E-05	7.9E+05	1.3E-05					1.5E+05	6.8E-05	1.0E+06	1.0E-05
PAOC13/PAOC19	INORG	Chromium VI	18540-29-9	A	2	2	6.40E-01	1.30E+00						2.6E+02	5.0E-03	2.5E+03	5.2E-04					2.4E+02	5.4E-03	9.2E+03	1.4E-04
PAOC13/PAOC19	INORG	Cobalt	7440-48-4	LC	2	2	3.10E+00	4.50E+00						1.3E+04	3.5E-04	2.6E+03	1.7E-03					5.9E+03	7.6E-04	9.0E+03	5.0E-04
PAOC13/PAOC19	INORG	Copper	7440-50-8	D	2	2	7.20E+00	8.00E+00						1.3E+05	6.2E-05	2.0E+04	4.0E-04					5.9E+04	1.4E-04	7.3E+04	1.1E-04
PAOC13/PAOC19	INORG	Lead	7439-92-1	B2	2	2	3.80E+00	8.70E+00						1.0E+05	8.7E-05	4.0E+02	2.2E-02					4.4E+04	2.0E-04	9.0E+02	9.7E-03
PAOC13/PAOC19	INORG	Manganese	7439-96-5	D	2	2	1.30E+02	2.25E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC13/PAOC19	INORG	Mercury	7439-97-6	D	2	1	2.30E-02	2.30E-02		4.8E+01	4.8E-04	5.2E+01	4.4E-04	2.0E+04	1.2E-06	1.6E+02	1.4E-04	8.9E+01	2.6E-04	6.2E+01	3.7E-04	8.8E+03	2.6E-06	5.8E+02	4.0E-05
PAOC13/PAOC19	INORG	Nickel	7440-02-0	A	2	2	6.90E+00	8.80E+00						1.3E+04	6.8E-04	4.0E+04	2.2E-04					1.6E+04	5.5E-04	1.5E+05	5.9E-05
PAOC13/PAOC19	INORG	Selenium	7782-49-2	D	2	1	8.50E-01	8.50E-01						1.3E+05	6.5E-06	2.6E+03	3.3E-04					5.9E+04	1.4E-05	9.6E+03	8.9E-05
PAOC13/PAOC19	INORG	Silver	7440-22-4	D	2	2	3.20E-02	4.20E-02						6.7E+03	6.3E-06	2.5E+03	1.7E-05					2.9E+03	1.4E-05	9.0E+03	4.7E-06
PAOC13/PAOC19	INORG	Thallium	7440-28-0		2	1	8.20E-02	8.20E-02								3.5E+01	2.3E-03							1.3E+02	6.3E-04
PAOC13/PAOC19	INORG	Vanadium	7440-62-2		2	2	1.15E+01	1.52E+01								7.5E+02	2.0E-02							5.5E+03	2.8E-03
PAOC13/PAOC19	INORG	Zinc	7440-66-6	ID	2	2	2.43E+01	3.28E+01								1.7E+05	1.9E-04							6.3E+05	5.2E-05
PAOC14	SVOC	Benzo(a)anthracene	56-55-3	B2	13	1	9.40E-03	9.40E-03								2.0E+01	4.7E-04							8.0E+01	1.2E-04
PAOC14	SVOC	Benzo(b)fluoranthene	205-99-2	B2	1	1	1.00E-02	1.00E-02								2.0E+01	5.0E-04							8.0E+01	1.3E-04
PAOC14	SVOC	Chrysene	218-01-9	B2	13	1	9.30E-03	9.30E-03								2.0E+03	4.7E-06							8.0E+03	1.2E-06
PAOC14	SVOC	Fluoranthene	206-44-0	D	13	1	2.30E-02	2.30E-02		1.0E+06	2.3E-08	7.4E+05	3.1E-08	9.3E+06	2.5E-09	4.6E+04	5.0E-07	1.0E+06	2.3E-08	8.9E+05	2.6E-08	4.1E+06	5.6E-09	1.3E+05	1.8E-07
PAOC14	SVOC	Phenanthrene	85-01-8	D	13	1	2.10E-02	2.10E-02		2.8E+03	7.5E-06	1.6E+02	1.3E-04	6.7E+03	3.1E-06	1.6E+03	1.3E-05	5.1E+03	4.1E-06	1.9E+02	1.1E-04	2.9E+03	7.2E-06	5.2E+03	4.0E-06
PAOC14	SVOC	Pyrene	129-00-0	NC	13	1	1.90E-02	1.90E-02		1.0E+06	1.9E-08	6.5E+05	2.9E-08	6.7E+06	2.8E-09	2.9E+04	6.6E-07	1.0E+06	1.9E-08	7.8E+05	2.4E-08	2.9E+06	6.6E-09	8.4E+04	2.3E-07
PAOC14	INORG	Arsenic	7440-38-2	A	1	1	2.40E+00	2.40E+00						7.2E+02	3.3E-03	7.6E+00	3.2E-01					9.1E+02	2.6E-03	3.7E+01	6.5E-02
PAOC14	INORG	Barium	7440-39-3	NC	1	1	8.50E+00	8.50E+00						3.3E+05	2.6E-05	3.7E+04	2.3E-04					1.5E+05	5.7E-05	1.3E+05	6.5E-05
PAOC14	INORG	Beryllium	7440-41-7	B1	1	1	1.60E-01	1.60E-01						1.3E+03	1.2E-04	4.1E+02	3.9E-04					5.9E+02	2.7E-04	1.6E+03	1.0E-04
PAOC14	INORG	Cadmium	7440-43-9	B1	13	13	1.20E-01	3.10E+00						1.7E+03	1.8E-03	5.5E+02	5.6E-03					2.2E+03	1.4E-03	2.1E+03	1.5E-03
PAOC14	INORG	Chromium (total)	7440-47-3		12	12	4.30E+00	1.90E+01						2.6E+02	7.3E-02	2.5E+03	7.6E-03					2.4E+02	7.9E-02	9.2E+03	2.1E-03
PAOC14	INORG	Chromium III	16065-83-1	D	1	1	3.60E+00	3.60E+00						3.3E+05	1.1E-05	7.9E+05	4.6E-06					1.5E+05	2.4E-05	1.0E+06	3.6E-06
PAOC14	INORG	Chromium VI	18540-29-9	A	1	1	1.40E+00	1.40E+00						2.6E+02	5.4E-03	2.5E+03	5.6E-04					2.4E+02	5.8E-03	9.2E+03	1.5E-04
PAOC14	INORG	Cobalt	7440-48-4	LC	1	1	2.80E+00	2.80E+00						1.3E+04	2.2E-04	2.6E+03	1.1E-03					5.9E+03	4.7E-04	9.0E+03	3.1E-04
PAOC14	INORG	Copper	7440-50-8	D	1	1	9.00E+00	9.00E+00						1.3E+05	6.9E-05	2.0E+04	4.5E-04					5.9E+04	1.5E-04	7.3E+04	1.2E-04
PAOC14	INORG	Lead	7439-92-1	B2	13	13	3.60E+00	1.90E+01						1.0E+05	1.9E-04	4.0E+02	4.8E-02					4.4E+04	4.3E-04	9.0E+02	2.1E-02
PAOC14	INORG	Manganese	7439-96-5	D	1	1	1.69E+02	1.69E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC14	INORG	Nickel	7440-02-0	A	1	1	6.90E+00	6.90E+00						1.3E+04	5.3E-04	4.0E+04	1.7E-04					1.6E+04	4.3E-04	1.5E+05	4.6E-05
PAOC14	INORG	Vanadium	7440-62-2		1	1	7.00E+00	7.00E+00								7.5E+02	9.3E-03							5.5E+03	1.3E-03
PAOC14	INORG	Zinc	7440-66-6	ID	1	1	2.17E+01	2.17E+01								1.7E+05	1.3E-04							6.3E+05	3.4E-05
PAOC15	SVOC	Anthracene	120-12-7	D	2	1	1.30E-02	1.30E-02		1.0E+06	1.3E-08	1.4E+06	9.3E-09	6.7E+07	1.9E-10	2.3E+05	5.7E-08	1.0E+06	1.3E-08	1.6E+06	8.1E-09	2.9E+07	4.5E-10	7.3E+05	1.8E-08
PAOC15	SVOC	Benzo(a)anthracene	56-55-3	B2	2	1	5.60E-02	5.60E-02								2.0E+01	2.8E-03							8.0E+01	7.0E-04
PAOC15	SVOC	Benzo(a)pyrene	50-32-8	B2	2	1	5.10E-02	5.10E-02						1.5E+03	3.4E-05	2.0E+00	2.6E-02					1.9E+03	2.7E-05	8.0E+00	6.4E-03
PAOC15	SVOC	Benzo(b)fluoranthene	205-99-2	B2	2	2	7.30E-02	1.70E-01								2.0E+01	8.5E-03							8.0E+01	2.1E-03
PAOC15	SVOC	Benzo(g,h,i)perylene	191-24-2	D	2	1	3.90E-02	3.90E-02						8.0E+05	4.9E-08	2.5E+03	1.6E-05					3.5E+05	1.1E-07	7.0E+03	5.6E-06
PAOC15	SVOC	Benzo(k)fluoranthene	207-08-9	B2	2	1	2.90E-02	2.90E-02								2.0E+02	1.5E-04							8.0E+02	3.6E-05
PAOC15	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	2	1	7.30E-02	7.30E-02						7.0E+05	1.0E-07	2.8E+03	2.6E-05					8.9E+05	8.2E-08	1.0E+04	7.3E-06
PAOC15	SVOC	Chrysene	218-01-9	B2	2	1	5.30E-02	5.30E-02								2.0E+03	2.7E-05							8.0E+03	6.6E-06
PAOC15	SVOC	Di-n-butylphthalate	84-74-2	D	2	1	1.60E-01	1.60E-01						3.3E+06	4.8E-08	7.6E+02	2.1E-04					1.5E+06	1.1E-07	7.6E+02	2.1E-04

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC15	SVOC	Fluoranthene	206-44-0	D	2	2	8.50E-02	1.10E-01		1.0E+06	1.1E-07	7.4E+05	1.5E-07	9.3E+06	1.2E-08	4.6E+04	2.4E-06	1.0E+06	1.1E-07	8.9E+05	1.2E-07	4.1E+06	2.7E-08	1.3E+05	8.5E-07
PAOC15	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	2	1	3.30E-02	3.30E-02								2.0E+01	1.7E-03							8.0E+01	4.1E-04
PAOC15	SVOC	Phenanthrene	85-01-8	D	2	1	4.80E-02	4.80E-02		2.8E+03	1.7E-05	1.6E+02	3.0E-04	6.7E+03	7.2E-06	1.6E+03	3.0E-05	5.1E+03	9.4E-06	1.9E+02	2.5E-04	2.9E+03	1.7E-05	5.2E+03	9.2E-06
PAOC15	SVOC	Pyrene	129-00-0	NC	2	1	8.70E-02	8.70E-02		1.0E+06	8.7E-08	6.5E+05	1.3E-07	6.7E+06	1.3E-08	2.9E+04	3.0E-06	1.0E+06	8.7E-08	7.8E+05	1.1E-07	2.9E+06	3.0E-08	8.4E+04	1.0E-06
PAOC15	PCB	PCBs (total)	1336-36-3	B2	2	2	1.14E-01	1.14E-01		3.0E+03	3.8E-05	2.4E+02	4.8E-04	5.2E+03	2.2E-05	4.0E+00	2.9E-02	1.6E+04	7.1E-06	8.1E+02	1.4E-04	6.5E+03	1.8E-05	1.6E+01	7.1E-03
PAOC15	INORG	Arsenic	7440-38-2	A	2	2	3.50E+00	4.40E+00						7.2E+02	6.1E-03	7.6E+00	5.8E-01					9.1E+02	4.8E-03	3.7E+01	1.2E-01
PAOC15	INORG	Barium	7440-39-3	NC	2	2	1.59E+01	2.79E+01						3.3E+05	8.5E-05	3.7E+04	7.5E-04					1.5E+05	1.9E-04	1.3E+05	2.1E-04
PAOC15	INORG	Cadmium	7440-43-9	B1	2	2	2.20E-01	3.30E-01						1.7E+03	1.9E-04	5.5E+02	6.0E-04					2.2E+03	1.5E-04	2.1E+03	1.6E-04
PAOC15	INORG	Chromium III	16065-83-1	D	2	2	5.69E+00	7.38E+00						3.3E+05	2.2E-05	7.9E+05	9.3E-06					1.5E+05	4.9E-05	1.0E+06	7.4E-06
PAOC15	INORG	Cobalt	7440-48-4	LC	2	2	2.90E+00	5.10E+00						1.3E+04	3.9E-04	2.6E+03	2.0E-03					5.9E+03	8.6E-04	9.0E+03	5.7E-04
PAOC15	INORG	Copper	7440-50-8	D	2	2	8.90E+00	1.20E+01						1.3E+05	9.2E-05	2.0E+04	6.0E-04					5.9E+04	2.0E-04	7.3E+04	1.6E-04
PAOC15	INORG	Lead	7439-92-1	B2	2	2	8.60E+00	1.47E+01						1.0E+05	1.5E-04	4.0E+02	3.7E-02					4.4E+04	3.3E-04	9.0E+02	1.6E-02
PAOC15	INORG	Manganese	7439-96-5	D	2	2	2.22E+02	2.32E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC15	INORG	Nickel	7440-02-0	A	2	2	7.50E+00	9.80E+00						1.3E+04	7.5E-04	4.0E+04	2.5E-04					1.6E+04	6.1E-04	1.5E+05	6.5E-05
PAOC15	INORG	Selenium	7782-49-2	D	2	1	1.10E-01	1.10E-01						1.3E+05	8.5E-07	2.6E+03	4.2E-05					5.9E+04	1.9E-06	9.6E+03	1.1E-05
PAOC15	INORG	Silver	7440-22-4	D	2	2	3.10E-02	4.90E-02						6.7E+03	7.3E-06	2.5E+03	2.0E-05					2.9E+03	1.7E-05	9.0E+03	5.4E-06
PAOC15	INORG	Thallium	7440-28-0		2	1	1.10E-01	1.10E-01								3.5E+01	3.1E-03							1.3E+02	8.5E-04
PAOC15	INORG	Vanadium	7440-62-2		2	2	7.90E+00	8.80E+00								7.5E+02	1.2E-02							5.5E+03	1.6E-03
PAOC15	INORG	Zinc	7440-66-6	ID	2	2	2.51E+01	2.99E+01								1.7E+05	1.8E-04							6.3E+05	4.7E-05
PAOC17	VOC	Tetrachloroethene	127-18-4	C-B2	1	1	1.10E-03	1.10E-03		1.1E+01	1.0E-04	1.8E+02	6.1E-06	5.4E+06	2.0E-10	8.8E+01	1.3E-05	6.0E+01	1.8E-05	6.0E+02	1.8E-06	6.8E+06	1.6E-10	8.8E+01	1.3E-05
PAOC17	SVOC	Acenaphthene	83-32-9		1	1	2.30E-02	2.30E-02		1.9E+05	1.2E-07	8.1E+04	2.8E-07	1.4E+07	1.6E-09	4.1E+04	5.6E-07	3.5E+05	6.6E-08	9.7E+04	2.4E-07	6.2E+06	3.7E-09	1.3E+05	1.8E-07
PAOC17	SVOC	Anthracene	120-12-7	D	1	1	3.80E-02	3.80E-02		1.0E+06	3.8E-08	1.4E+06	2.7E-08	6.7E+07	5.7E-10	2.3E+05	1.7E-07	1.0E+06	3.8E-08	1.6E+06	2.4E-08	2.9E+07	1.3E-09	7.3E+05	5.2E-08
PAOC17	SVOC	Benzo(a)anthracene	56-55-3	B2	1	1	1.30E-01	1.30E-01								2.0E+01	6.5E-03							8.0E+01	1.6E-03
PAOC17	SVOC	Benzo(a)pyrene	50-32-8	B2	1	1	1.10E-01	1.10E-01						1.5E+03	7.3E-05	2.0E+00	5.5E-02					1.9E+03	5.8E-05	8.0E+00	1.4E-02
PAOC17	SVOC	Benzo(b)fluoranthene	205-99-2	B2	1	1	1.70E-01	1.70E-01								2.0E+01	8.5E-03							8.0E+01	2.1E-03
PAOC17	SVOC	Benzo(g,h,i)perylene	191-24-2	D	1	1	6.90E-02	6.90E-02						8.0E+05	8.6E-08	2.5E+03	2.8E-05					3.5E+05	2.0E-07	7.0E+03	9.9E-06
PAOC17	SVOC	Benzo(k)fluoranthene	207-08-9	B2	1	1	7.10E-02	7.10E-02								2.0E+02	3.6E-04							8.0E+02	8.9E-05
PAOC17	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	1	1	2.30E-02	2.30E-02						7.0E+05	3.3E-08	2.8E+03	8.2E-06					8.9E+05	2.6E-08	1.0E+04	2.3E-06
PAOC17	SVOC	Chrysene	218-01-9	B2	1	1	1.50E-01	1.50E-01								2.0E+03	7.5E-05							8.0E+03	1.9E-05
PAOC17	SVOC	Fluoranthene	206-44-0	D	1	1	3.70E-01	3.70E-01		1.0E+06	3.7E-07	7.4E+05	5.0E-07	9.3E+06	4.0E-08	4.6E+04	8.0E-06	1.0E+06	3.7E-07	8.9E+05	4.2E-07	4.1E+06	9.0E-08	1.3E+05	2.8E-06
PAOC17	SVOC	Fluorene	86-73-7	D	1	1	1.20E-02	1.20E-02		5.8E+05	2.1E-08	1.3E+05	9.2E-08	9.3E+06	1.3E-09	2.7E+04	4.4E-07	1.0E+06	1.2E-08	1.5E+05	8.0E-08	4.1E+06	2.9E-09	8.7E+04	1.4E-07
PAOC17	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	1	1	5.90E-02	5.90E-02								2.0E+01	3.0E-03							8.0E+01	7.4E-04
PAOC17	SVOC	2-Methylnaphthalene	91-57-6	ID	1	1	1.40E-02	1.40E-02								8.1E+03	1.7E-06							2.6E+04	5.4E-07
PAOC17	SVOC	Naphthalene	91-20-3	C	1	1	7.40E-03	7.40E-03		2.5E+02	3.0E-05	3.0E+02	2.5E-05	2.0E+05	3.7E-08	1.6E+04	4.6E-07	4.7E+02	1.6E-05	3.5E+02	2.1E-05	8.8E+04	8.4E-08	5.2E+04	1.4E-07
PAOC17	SVOC	Phenanthrene	85-01-8	D	1	1	1.60E-01	1.60E-01		2.8E+03	5.7E-05	1.6E+02	1.0E-03	6.7E+03	2.4E-05	1.6E+03	1.0E-04	5.1E+03	3.1E-05	1.9E+02	8.4E-04	2.9E+03	5.5E-05	5.2E+03	3.1E-05
PAOC17	SVOC	Pyrene	129-00-0	NC	1	1	2.30E-01	2.30E-01		1.0E+06	2.3E-07	6.5E+05	3.5E-07	6.7E+06	3.4E-08	2.9E+04	7.9E-06	1.0E+06	2.3E-07	7.8E+05	2.9E-07	2.9E+06	7.9E-08	8.4E+04	2.7E-06
PAOC17	PCB	PCBs (total)	1336-36-3	B2	1	1	3.05E-02	3.05E-02		3.0E+03	1.0E-05	2.4E+02	1.3E-04	5.2E+03	5.9E-06	4.0E+00	7.6E-03	1.6E+04	1.9E-06	8.1E+02	3.8E-05	6.5E+03	4.7E-06	1.6E+01	1.9E-03
PAOC17	INORG	Antimony	7440-36-0		1	1	7.80E-02	7.80E-02						1.3E+04	6.0E-06	1.8E+02	4.3E-04					5.9E+03	1.3E-05	6.7E+02	1.2E-04
PAOC17	INORG	Arsenic	7440-38-2	A	1	1	2.80E+00	2.80E+00						7.2E+02	3.9E-03	7.6E+00	3.7E-01					9.1E+02	3.1E-03	3.7E+01	7.6E-02
PAOC17	INORG	Barium	7440-39-3	NC	1	1	1.68E+01	1.68E+01						3.3E+05	5.1E-05	3.7E+04	4.5E-04					1.5E+05	1.1E-04	1.3E+05	1.3E-04
PAOC17	INORG	Cadmium	7440-43-9	B1	1	1	1.40E-01	1.40E-01						1.7E+03	8.2E-05	5.5E+02	2.5E-04					2.2E+03	6.4E-05	2.1E+03	6.7E-05
PAOC17	INORG	Chromium III	16065-83-1	D	1	1	5.09E+00	5.09E+00						3.3E+05	1.5E-05	7.9E+05	6.4E-06					1.5E+05	3.4E-05	1.0E+06	5.1E-06
PAOC17	INORG	Chromium VI	18540-29-9	A	1	1	3.10E-01	3.10E-01						2.6E+02	1.2E-03	2.5E+03	1.2E-04					2.4E+02	1.3E-03	9.2E+03	3.4E-05
PAOC17	INORG	Cobalt	7440-48-4	LC	1	1	2.20E+00	2.20E+00						1.3E+04	1.7E-04	2.6E+03	8.5E-04					5.9E+03	3.7E-04	9.0E+03	2.4E-04
PAOC17	INORG	Copper	7440-50-8	D	1	1	7.40E+00	7.40E+00						1.3E+05	5.7E-05	2.0E+04	3.7E-04					5.9E+04	1.3E-04	7.3E+04	1.0E-04
PAOC17	INORG	Cyanide (total)	57-12-5	D	1	1	3.10E-01	3.10E-01						2.5E+02	1.2E-03	1.2E+01	2.6E-02					2.5E+02	1.2E-03	2.5E+02	1.2E-03
PAOC17	INORG	Lead	7439-92-1	B2	1	1	1.69E+01	1.69E+01						1.0E+05	1.7E-04	4.0E+02	4.2E-02					4.4E+04	3.8E-04	9.0E+02	1.9E-02
PAOC17	INORG	Manganese	7439-96-5	D	1	1	1.58E+02	1.58E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC17	INORG	Mercury	7439-97-6	D	1	1	2.00E-02	2.00E-02		4.8E+01	4.2E-04	5.2E+01	3.8E-04	2.0E+04	1.0E-06	1.6E+02	1.3E-04	8.9E+01	2.2E-04	6.2E+01	3.2E-04	8.8E+03	2.3E-06	5.8E+02	3.4E-05
PAOC17	INORG	Nickel	7440-02-0	A	1	1	5.20E+00	5.20E+00						1.3E+04	4.0E-04	4.0E+04	1.3E-04					1.6E+04	3.3E-04	1.5E+05	3.5E-05
PAOC17	INORG	Silver	7440-22-4	D	1	1	5.20E-02	5.20E-02						6.7E+03	7.8E-06	2.5E+03	2.1E-05					2.9E+03	1.8E-05	9.0E+03	5.8E-06
PAOC17	INORG	Thallium	7440-28-0		1	1	7.20E-02	7.20E-02								3.5E+01	2.1E-03							1.3E+02	5.5E-04
PAOC17	INORG	Vanadium	7440-62-2		1	1	7.60E+00	7.60E+00								7.5E+02	1.0E-02							5.5E+03	1.4E-03
PAOC17	INORG	Zinc	7440-66-6	ID	1	1	3.12E+01	3.12E+01								1.7E+05	1.8E-04							6.3E+05	5.0E-05
PAOC18	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	1	1	6.30E-02	6.30E-02						7.0E+05	9.0E-08	2.8E+03	2.3E-05					8.9E+05	7.1E-08	1.0E+04	6.3E-06
PAOC18	INORG	Antimony	7440-36-0		1	1	1.00E-01	1.00E-01						1.3E+04	7.7E-06	1.8E+02	5.6E-04					5.9E+03	1.7E-05	6.7E+02	1.5E-04
PAOC18	INORG	Arsenic	7440-38-2	A	1	1	4.10E+00	4.10E+00						7.2E+02	5.7E-03	7.6E+00	5.4E-01					9.1E+02	4.5E-03	3.7E+01	1.1E-01
PAOC18	INORG	Barium	7440-39-3	NC	1	1	2.36E+01	2.36E+01						3.3E+05	7.2E-05	3.7E+04	6.4E-04					1.5E+05	1.6E-04	1.3E+05	1.8E-04
PAOC18	INORG	Chromium III	16065-83-1	D	1	1	8.30E+00	8.30E+00						3.3E+05	2.5E-05	7.9E+05	1.1E-05					1.5E+05	5.5E-05	1.0E+06	8.3E-06
PAOC18	INORG	Chromium VI	18540-29-9	A	1	1	1.20E+00	1.20E+00						2.6E+02	4.6E-03	2.5E+03	4.8E-04					2.4E+02	5.0E-03	9.2E+03	1.3E-04
PAOC18	INORG	Cobalt	7440-48-4	LC	1	1	4.10E+00	4.10E+00						1.3E+04	3.2E-04	2.6E+03	1.6E-03					5.9E+03	6.9E-04	9.0E+03	4.6E-04
PAOC18	INORG	Copper	7440-50-8	D	1	1	1.08E+01	1.08E+01						1.3E+05	8.3E-05	2.0E+04	5.4E-04					5.9E+04	1.8E-04	7.3E+04	1.5E-04
PAOC18	INORG	Lead	7439-92-1	B2	1	1	5.50E+00	5.50E+00						1.0E+05	5.5E-05	4.0E+02	1.4E-02					4.4E+04	1.3E-04	9.0E+02	6.1E-03
PAOC18	INORG	Manganese	7439-96-5	D	1	1	2.41E+02	2.41E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC18	INORG	Mercury	7439-97-6	D	1	1	1.50E-02	1.50E-02		4.8E+01	3.1E-04	5.2E+01	2.9E-04	2.0E+04	7.5E-07	1.6E+02	9.4E-05	8.9E+01	1.7E-04	6.2E+01	2.4E-04	8.8E+03	1.7E-06	5.8E+02	2.6E-05
PAOC18	INORG	Nickel	7440-02-0	A	1	1	1.08E+01	1.08E+01						1.3E+04	8.3E-04	4.0E+04	2.7E-04					1.6E+04	6.8E-04	1.5E+05	7.2E-05
PAOC18	INORG	Selenium	7782-49-2	D	1	1	2.00E-01	2.00E-01						1.3E+05	1.5E-06	2.6E+03	7.7E-05					5.9E+04	3.4E-06	9.6E+03	2.1E-05
PAOC18	INORG	Silver	7440-22-4	D	1	1	6.10E-02	6.10E-02						6.7E+03	9.1E-06	2.5E+03	2.4E-05					2.9E+03	2.1E-05	9.0E+03	6.8E-06
PAOC18	INORG	Thallium	7440-28-0		1	1	1.10E-01	1.10E-01								3.5E+01	3.1E-03							1.3E+02	8.5E-04
PAOC18	INORG	Vanadium	7440-62-2		1	1	1.29E+01	1.29E+01								7.5E+02	1.7E-02							5.5E+03	2.3E-03
PAOC18	INORG	Zinc	7440-66-6	ID	1	1	2.82E+01	2.82E+01								1.7E+05	1.7E-04							6.3E+05	4.5E-05
PAOC21	VOC	Cyclohexane	110-82-7	ID	2	1	2.60E-04	2.60E-04																	
PAOC21	SVOC	Anthracene	120-12-7	D	2	1	2.10E-02	2.10E-02		1.0E+06	2.1E-08	1.4E+06	1.5E-08	6.7E+07	3.1E-10	2.3E+05	9.1E-08	1.0E+06	2.1E-08	1.6E+06	1.3E-08	2.9E+07	7.2E-10	7.3E+05	2.9E-08
PAOC21	SVOC	Benzo(a)anthracene	56-55-3	B2	2	2	7.30E-02	1.80E-01								2.0E+01	9.0E-03							8.0E+01	2.3E-03
PAOC21	SVOC	Benzo(a)pyrene	50-32-8	B2	2	2	6.40E-02	1.80E-01						1.5E+03	1.2E-04	2.0E+00	9.0E-02					1.9E+03	9.5E-05	8.0E+00	2.3E-02
PAOC21	SVOC	Benzo(b)fluoranthene	205-99-2	B2	2	2	8.00E-02	2.60E-01								2.0E+01	1.3E-02							8.0E+01	3.3E-03
PAOC21	SVOC	Benzo(g,h,i)perylene	191-24-2	D	2	2	3.90E-02	1.10E-01						8.0E+05	1.4E-07	2.5E+03	4.4E-05					3.5E+05	3.1E-07	7.0E+03	1.6E-05

Table 1a: Screening Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/kg)	Max Detected (mg/kg)	Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Max Detect to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Max Detect to Res VSIC	Residential PSIC (mg/kg)	Ratio of Max Detect to Res PSIC	Residential DCC (mg/kg)	Ratio of Max Detect to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Max Detect to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Max Detect to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Max Detect to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Max Detect to Industrial II DCC
PAOC21	SVOC	Benzo(k)fluoranthene	207-08-9	B2	2	2	3.50E-02	1.40E-01								2.0E+02	7.0E-04							8.0E+02	1.8E-04
PAOC21	SVOC	Chrysene	218-01-9	B2	2	2	7.40E-02	2.40E-01								2.0E+03	1.2E-04							8.0E+03	3.0E-05
PAOC21	SVOC	Fluoranthene	206-44-0	D	2	2	1.60E-01	2.30E-01		1.0E+06	2.3E-07	7.4E+05	3.1E-07	9.3E+06	2.5E-08	4.6E+04	5.0E-06	1.0E+06	2.3E-07	8.9E+05	2.6E-07	4.1E+06	5.6E-08	1.3E+05	1.8E-06
PAOC21	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	2	2	3.30E-02	1.10E-01								2.0E+01	5.5E-03							8.0E+01	1.4E-03
PAOC21	SVOC	2-Methylnaphthalene	91-57-6	ID	2	1	1.40E-01	1.40E-01								8.1E+03	1.7E-05							2.6E+04	5.4E-06
PAOC21	SVOC	Naphthalene	91-20-3	C	2	1	6.00E-02	6.00E-02		2.5E+02	2.4E-04	3.0E+02	2.0E-04	2.0E+05	3.0E-07	1.6E+04	3.8E-06	4.7E+02	1.3E-04	3.5E+02	1.7E-04	8.8E+04	6.8E-07	5.2E+04	1.2E-06
PAOC21	SVOC	Phenanthrene	85-01-8	D	2	2	8.00E-02	1.00E-01		2.8E+03	3.6E-05	1.6E+02	6.3E-04	6.7E+03	1.5E-05	1.6E+03	6.3E-05	5.1E+03	2.0E-05	1.9E+02	5.3E-04	2.9E+03	3.4E-05	5.2E+03	1.9E-05
PAOC21	SVOC	Pyrene	129-00-0	NC	2	2	1.30E-01	2.10E-01		1.0E+06	2.1E-07	6.5E+05	3.2E-07	6.7E+06	3.1E-08	2.9E+04	7.2E-06	1.0E+06	2.1E-07	7.8E+05	2.7E-07	2.9E+06	7.2E-08	8.4E+04	2.5E-06
PAOC21	PCB	PCBs (total)	1336-36-3	B2	2	1	3.65E-02	3.65E-02		3.0E+03	1.2E-05	2.4E+02	1.5E-04	5.2E+03	7.0E-06	4.0E+00	9.1E-03	1.6E+04	2.3E-06	8.1E+02	4.5E-05	6.5E+03	5.6E-06	1.6E+01	2.3E-03
PAOC21	INORG	Antimony	7440-36-0		2	1	6.30E-01	6.30E-01						1.3E+04	4.8E-05	1.8E+02	3.5E-03					5.9E+03	1.1E-04	6.7E+02	9.4E-04
PAOC21	INORG	Arsenic	7440-38-2	A	2	2	3.00E+00	4.50E+00						7.2E+02	6.3E-03	7.6E+00	5.9E-01					9.1E+02	4.9E-03	3.7E+01	1.2E-01
PAOC21	INORG	Barium	7440-39-3	NC	2	2	2.45E+01	1.39E+02						3.3E+05	4.2E-04	3.7E+04	3.8E-03					1.5E+05	9.3E-04	1.3E+05	1.1E-03
PAOC21	INORG	Beryllium	7440-41-7	B1	2	1	4.90E-02	4.90E-02						1.3E+03	3.8E-05	4.1E+02	1.2E-04					5.9E+02	8.3E-05	1.6E+03	3.1E-05
PAOC21	INORG	Cadmium	7440-43-9	B1	2	2	1.00E-01	1.10E-01						1.7E+03	6.5E-05	5.5E+02	2.0E-04					2.2E+03	5.0E-05	2.1E+03	5.2E-05
PAOC21	INORG	Chromium III	16065-83-1	D	2	2	6.69E+00	1.02E+02						3.3E+05	3.1E-04	7.9E+05	1.3E-04					1.5E+05	6.8E-04	1.0E+06	1.0E-04
PAOC21	INORG	Chromium VI	18540-29-9	A	2	1	1.50E+00	1.50E+00						2.6E+02	5.8E-03	2.5E+03	6.0E-04					2.4E+02	6.3E-03	9.2E+03	1.6E-04
PAOC21	INORG	Cobalt	7440-48-4	LC	2	2	2.90E+00	6.54E+01						1.3E+04	5.0E-03	2.6E+03	2.5E-02					5.9E+03	1.1E-02	9.0E+03	7.3E-03
PAOC21	INORG	Copper	7440-50-8	D	2	2	1.26E+01	6.56E+01						1.3E+05	5.0E-04	2.0E+04	3.3E-03					5.9E+04	1.1E-03	7.3E+04	9.0E-04
PAOC21	INORG	Lead	7439-92-1	B2	2	2	1.08E+01	5.46E+01						1.0E+05	5.5E-04	4.0E+02	1.4E-01					4.4E+04	1.2E-03	9.0E+02	6.1E-02
PAOC21	INORG	Manganese	7439-96-5	D	3	3	9.66E+01	2.27E+03	4.40E+02					3.3E+03	5.5E-01	2.5E+04	7.3E-02					1.5E+03	**1.2E+00**	9.0E+04	2.0E-02
PAOC21	INORG	Mercury	7439-97-6	D	2	1	3.50E-01	3.50E-01		4.8E+01	7.3E-03	5.2E+01	6.7E-03	2.0E+04	1.8E-05	1.6E+02	2.2E-03	8.9E+01	3.9E-03	6.2E+01	5.6E-03	8.8E+03	4.0E-05	5.8E+02	6.0E-04
PAOC21	INORG	Nickel	7440-02-0	A	2	2	1.19E+01	4.84E+01						1.3E+04	3.7E-03	4.0E+04	1.2E-03					1.6E+04	3.0E-03	1.5E+05	3.2E-04
PAOC21	INORG	Selenium	7782-49-2	D	2	1	2.40E-01	2.40E-01						1.3E+05	1.8E-06	2.6E+03	9.2E-05					5.9E+04	4.1E-06	9.6E+03	2.5E-05
PAOC21	INORG	Silver	7440-22-4	D	2	2	3.40E-02	1.80E-01						6.7E+03	2.7E-05	2.5E+03	7.2E-05					2.9E+03	6.2E-05	9.0E+03	2.0E-05
PAOC21	INORG	Thallium	7440-28-0		2	2	3.60E-02	6.80E-02								3.5E+01	1.9E-03							1.3E+02	5.2E-04
PAOC21	INORG	Vanadium	7440-62-2		2	2	1.00E+01	2.85E+01								7.5E+02	3.8E-02							5.5E+03	5.2E-03
PAOC21	INORG	Zinc	7440-66-6	ID	2	2	3.09E+01	8.40E+01								1.7E+05	4.9E-04							6.3E+05	1.3E-04
PAOC22	VOC	Benzene	71-43-2	A	2	1	2.10E-02	2.10E-02		1.6E+00	1.3E-02	1.3E+01	1.6E-03	3.8E+05	5.5E-08	1.8E+02	1.2E-04	8.4E+00	2.5E-03	4.5E+01	4.7E-04	4.7E+05	4.5E-08	4.0E+02	5.3E-05
PAOC22	VOC	Cumene	98-82-8	D	2	1	2.40E-01	2.40E-01		3.9E+02	6.2E-04	1.7E+03	1.4E-04	5.8E+06	4.1E-08	3.9E+02	6.2E-04	3.9E+02	6.2E-04	2.0E+03	1.2E-04	2.6E+06	9.2E-08	3.9E+02	6.2E-04
PAOC22	VOC	Ethyl Benzene	100-41-4	D	2	1	4.00E-02	4.00E-02		8.7E+01	4.6E-04	7.2E+02	5.6E-05	1.0E+07	4.0E-09	1.4E+02	2.9E-04	1.4E+02	2.9E-04	2.4E+03	1.7E-05	1.3E+07	3.1E-09	1.4E+02	2.9E-04
PAOC22	VOC	Methylcyclohexane	108-87-2		2	1	1.60E-01	1.60E-01																	
PAOC22	SVOC	Biphenyl	92-52-4	D	2	1	2.70E+00	2.70E+00																	
PAOC22	SVOC	2-Methylnaphthalene	91-57-6	ID	2	1	3.80E+01	3.80E+01								8.1E+03	4.7E-03							2.6E+04	1.5E-03
PAOC22	SVOC	Naphthalene	91-20-3	C	2	1	8.00E+00	8.00E+00		2.5E+02	3.2E-02	3.0E+02	2.7E-02	2.0E+05	4.0E-05	1.6E+04	5.0E-04	4.7E+02	1.7E-02	3.5E+02	2.3E-02	8.8E+04	9.1E-05	5.2E+04	1.5E-04
PAOC22	SVOC	Phenanthrene	85-01-8	D	2	1	5.00E-01	5.00E-01		2.8E+03	1.8E-04	1.6E+02	3.1E-03	6.7E+03	7.5E-05	1.6E+03	3.1E-04	5.1E+03	9.8E-05	1.9E+02	2.6E-03	2.9E+03	1.7E-04	5.2E+03	9.6E-05
PAOC22	PCB	PCBs (total)	1336-36-3	B2	4	2	2.58E-01	2.20E+01		3.0E+03	7.3E-03	2.4E+02	9.2E-02	5.2E+03	4.2E-03	4.0E+00	**5.5E+00**	1.6E+04	1.4E-03	8.1E+02	2.7E-02	6.5E+03	3.4E-03	1.6E+01	**1.4E+00**
PAOC22	INORG	Antimony	7440-36-0		2	2	3.40E-02	4.50E-02						1.3E+04	3.5E-06	1.8E+02	2.5E-04					5.9E+03	7.6E-06	6.7E+02	6.7E-05
PAOC22	INORG	Arsenic	7440-38-2	A	2	2	4.10E+00	5.60E+00						7.2E+02	7.8E-03	7.6E+00	7.4E-01					9.1E+02	6.2E-03	3.7E+01	1.5E-01
PAOC22	INORG	Barium	7440-39-3	NC	2	2	2.88E+01	6.44E+01						3.3E+05	2.0E-04	3.7E+04	1.7E-03					1.5E+05	4.3E-04	1.3E+05	5.0E-04
PAOC22	INORG	Chromium III	16065-83-1	D	2	2	8.55E+00	1.33E+01						3.3E+05	4.0E-05	7.9E+05	1.7E-05					1.5E+05	8.9E-05	1.0E+06	1.3E-05
PAOC22	INORG	Chromium VI	18540-29-9	A	2	2	3.50E-01	1.00E+00						2.6E+02	3.8E-03	2.5E+03	4.0E-04					2.4E+02	4.2E-03	9.2E+03	1.1E-04
PAOC22	INORG	Cobalt	7440-48-4	LC	2	2	4.60E+00	5.80E+00						1.3E+04	4.5E-04	2.6E+03	2.2E-03					5.9E+03	9.8E-04	9.0E+03	6.4E-04
PAOC22	INORG	Copper	7440-50-8	D	2	2	1.34E+01	1.66E+01						1.3E+05	1.3E-04	2.0E+04	8.3E-04					5.9E+04	2.8E-04	7.3E+04	2.3E-04
PAOC22	INORG	Lead	7439-92-1	B2	2	2	6.80E+00	7.40E+00						1.0E+05	7.4E-05	4.0E+02	1.9E-02					4.4E+04	1.7E-04	9.0E+02	8.2E-03
PAOC22	INORG	Manganese	7439-96-5	D	2	2	2.18E+02	3.40E+02	4.40E+02					3.3E+03		2.5E+04						1.5E+03		9.0E+04	
PAOC22	INORG	Mercury	7439-97-6	D	2	2	2.40E-02	3.10E-02		4.8E+01	6.5E-04	5.2E+01	6.0E-04	2.0E+04	1.6E-06	1.6E+02	1.9E-04	8.9E+01	3.5E-04	6.2E+01	5.0E-04	8.8E+03	3.5E-06	5.8E+02	5.3E-05
PAOC22	INORG	Nickel	7440-02-0	A	2	2	1.33E+01	1.50E+01						1.3E+04	1.2E-03	4.0E+04	3.8E-04					1.6E+04	9.4E-04	1.5E+05	1.0E-04
PAOC22	INORG	Selenium	7782-49-2	D	2	2	3.70E-01	4.50E-01						1.3E+05	3.5E-06	2.6E+03	1.7E-04					5.9E+04	7.6E-06	9.6E+03	4.7E-05
PAOC22	INORG	Silver	7440-22-4	D	2	1	2.70E-02	2.70E-02						6.7E+03	4.0E-06	2.5E+03	1.1E-05					2.9E+03	9.3E-06	9.0E+03	3.0E-06
PAOC22	INORG	Thallium	7440-28-0		2	2	9.50E-02	2.40E-01								3.5E+01	6.9E-03							1.3E+02	1.8E-03
PAOC22	INORG	Vanadium	7440-62-2		2	2	1.44E+01	2.15E+01								7.5E+02	2.9E-02							5.5E+03	3.9E-03
PAOC22	INORG	Zinc	7440-66-6	ID	2	2	3.03E+01	4.35E+01								1.7E+05	2.6E-04							6.3E+05	6.9E-05

Notes:

Only constituents detected in each area are shown.

The criteria for soil are the lower of the criteria at either the target cancer risk of 1E-5or target hazard quotient of 1.

The concentrations for all polychlorinated biphenyls (PCBs) Aroclors were summed before comparing to the criteria for PCBs (total).

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the criteria for Xylenes (total).

The lead criterion is the low end of USEPA's acceptable range of concentrations of lead in soil (750 to 1750 mg/kg) (USEPA 2003).

Background concentrations from MDEQ Part 201 (MDEQ 2006) were considered only for manganese.

Ratios of site-related concentration to the criteria greater than 1 are shaded in bold.

Chem Group - chemical group

Carc Class - USEPA Weight-of-Evidence Cancer Classification

SVIIC - MDEQ Soil Volatilization to Indoor Air Inhalation Criteria

VSIC - MDEQ Volatile Soil Inhalation Criteria (ambient air)

PSIC - MDEQ Particulate Soil Inhalation Criteria

DCC - MDEQ Direct Contact Criteria (mg/kg)

Table 1b: Exceedance Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Location	Top Depth (ft)	Bottom Depth (ft)	Sample Date	Chem Group	Chemical	CASRN	Conc (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Conc to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Conc to Res VSIC	Residential PSIC (mg/kg)	Ratio of Conc to Res PSIC	Residential DCC (mg/kg)	Ratio of Conc to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Conc to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Conc to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Conc to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Conc to Industrial II DCC
Background	BG-06	7	9	03/07/08	INORG	Manganese	7439-96-5	4.11E+03					3.3E+03	**1.1E+00**	2.5E+04	1.5E-01					1.5E+03	**2.4E+00**	9.0E+04	4.1E-02
PAOC02	BH-70-08	4	6	03/05/08	VOC	Trichloroethene	79-01-6	8.20E-02	7.1E+00	1.2E-02	7.8E+01	1.1E-03	1.8E+06	4.6E-08	5.0E+02	1.6E-04	3.7E+01	2.2E-03	2.6E+02	3.2E-04	2.3E+06	3.6E-08	5.0E+02	1.6E-04
PAOC02	BH-87-08	7	9	03/06/08	VOC	Trichloroethene	79-01-6	1.40E-01	7.1E+00	2.0E-02	7.8E+01	1.8E-03	1.8E+06	7.8E-08	5.0E+02	2.8E-04	3.7E+01	3.8E-03	2.6E+02	5.4E-04	2.3E+06	6.1E-08	5.0E+02	2.8E-04
PAOC02	BH-PS-7	2	2	04/25/95	INORG	Arsenic	7440-38-2	1.20E+01					7.2E+02	1.7E-02	7.6E+00	**1.6E+00**					9.1E+02	1.3E-02	3.7E+01	3.2E-01
PAOC02	MW-69-08	18	20	03/12/08	VOC	Tetrachloroethene	127-18-4	7.40E-02	1.1E+01	6.7E-03	1.8E+02	4.1E-04	5.4E+06	1.4E-08	8.8E+01	8.4E-04	6.0E+01	1.2E-03	6.0E+02	1.2E-04	6.8E+06	1.1E-08	8.8E+01	8.4E-04
PAOC02	MW-74-08	0	2	03/14/08	VOC	1,1-Dichloroethene	75-35-4	1.10E-01	6.2E-02	**1.8E+00**	1.1E+00	1.0E-01	6.2E+04	1.8E-06	2.0E+02	5.5E-04	3.3E-01	3.3E-01	3.7E+00	3.0E-02	7.8E+04	1.4E-06	5.7E+02	1.9E-04
PAOC02	MW-74-08	8	10	03/14/08	VOC	1,1-Dichloroethene	75-35-4	2.60E-01	6.2E-02	**4.2E+00**	1.1E+00	2.4E-01	6.2E+04	4.2E-06	2.0E+02	1.3E-03	3.3E-01	7.9E-01	3.7E+00	7.0E-02	7.8E+04	3.3E-06	5.7E+02	4.6E-04
PAOC02	MW-74-08	8	10	03/14/08	VOC	Trichloroethene	79-01-6	7.60E+00	7.1E+00	**1.1E+00**	7.8E+01	9.7E-02	1.8E+06	4.2E-06	5.0E+02	1.5E-02	3.7E+01	2.1E-01	2.6E+02	2.9E-02	2.3E+06	3.3E-06	5.0E+02	1.5E-02
PAOC04	BH-92-08	7.5	9.5	03/14/08	INORG	Arsenic	7440-38-2	1.21E+01					7.2E+02	1.7E-02	7.6E+00	**1.6E+00**					9.1E+02	1.3E-02	3.7E+01	3.3E-01
PAOC05	A	14	15	01/18/90	VOC	Benzene	71-43-2	5.20E+00	1.6E+00	**3.3E+00**	1.3E+01	4.0E-01	3.8E+05	1.4E-05	1.8E+02	2.9E-02	8.4E+00	6.2E-01	4.5E+01	1.2E-01	4.7E+05	1.1E-05	4.0E+02	1.3E-02
PAOC05	BH-36-07	0	2	12/03/07	SVOC	Benzo(a)pyrene	50-32-8	2.60E+00					1.5E+03	1.7E-03	2.0E+00	**1.3E+00**					1.9E+03	1.4E-03	8.0E+00	3.3E-01
PAOC05	C	14	15	01/18/90	VOC	Benzene	71-43-2	3.10E+00	1.6E+00	**1.9E+00**	1.3E+01	2.4E-01	3.8E+05	8.2E-06	1.8E+02	1.7E-02	8.4E+00	3.7E-01	4.5E+01	6.9E-02	4.7E+05	6.6E-06	4.0E+02	7.8E-03
PAOC05	F	14	15	01/18/90	VOC	Benzene	71-43-2	8.00E-02	1.6E+00	5.0E-02	1.3E+01	6.2E-03	3.8E+05	2.1E-07	1.8E+02	4.4E-04	8.4E+00	9.5E-03	4.5E+01	1.8E-03	4.7E+05	1.7E-07	4.0E+02	2.0E-04
PAOC05	SB16P3_E_SIDEWALL	5	5	07/06/95	VOC	Benzene	71-43-2	1.50E+00	1.6E+00	9.4E-01	1.3E+01	1.2E-01	3.8E+05	3.9E-06	1.8E+02	8.3E-03	8.4E+00	1.8E-01	4.5E+01	3.3E-02	4.7E+05	3.2E-06	4.0E+02	3.8E-03
PAOC05	SB16P3_N_SIDEWALL	4	4	06/30/95	VOC	Benzene	71-43-2	7.70E-02	1.6E+00	4.8E-02	1.3E+01	5.9E-03	3.8E+05	2.0E-07	1.8E+02	4.3E-04	8.4E+00	9.2E-03	4.5E+01	1.7E-03	4.7E+05	1.6E-07	4.0E+02	1.9E-04
PAOC05	SB16P3_N_SIDEWALL~1	5	5	06/30/95	VOC	Toluene	108-88-3	1.40E+01	2.5E+02	5.6E-02	2.8E+03	5.0E-03	2.7E+07	5.2E-07	2.5E+02	5.6E-02	2.5E+02	5.6E-02	3.3E+03	4.2E-03	1.2E+07	1.2E-06	2.5E+02	5.6E-02
PAOC05	SB16P3_N_SIDEWALL~1	5	5	06/30/95	VOC	Xylenes (total)	1330-20-7	6.30E+01	1.5E+02	4.2E-01	4.6E+04	1.4E-03	2.9E+08	2.2E-07	1.5E+02	4.2E-01	1.5E+02	4.2E-01	5.4E+04	1.2E-03	1.3E+08	4.8E-07	1.5E+02	4.2E-01
PAOC05	SB16P3_N_SIDEWALL~2	5	5	07/06/95	VOC	Toluene	108-88-3	2.00E+01	2.5E+02	8.0E-02	2.8E+03	7.1E-03	2.7E+07	7.4E-07	2.5E+02	8.0E-02	2.5E+02	8.0E-02	3.3E+03	6.1E-03	1.2E+07	1.7E-06	2.5E+02	8.0E-02
PAOC05	SB16P3_N_SIDEWALL~2	5	5	07/06/95	VOC	Xylenes (total)	1330-20-7	6.00E+01	1.5E+02	4.0E-01	4.6E+04	1.3E-03	2.9E+08	2.1E-07	1.5E+02	4.0E-01	1.5E+02	4.0E-01	5.4E+04	1.1E-03	1.3E+08	4.6E-07	1.5E+02	4.0E-01
PAOC05	SB16P3_NC_FLOOR	11	11	06/30/95	VOC	Benzene	71-43-2	7.40E-01	1.6E+00	4.6E-01	1.3E+01	5.7E-02	3.8E+05	1.9E-06	1.8E+02	4.1E-03	8.4E+00	8.8E-02	4.5E+01	1.6E-02	4.7E+05	1.6E-06	4.0E+02	1.9E-03
PAOC05	SB16P3_NE_FLOOR	11	11	06/30/95	VOC	Benzene	71-43-2	3.40E+00	1.6E+00	**2.1E+00**	1.3E+01	2.6E-01	3.8E+05	8.9E-06	1.8E+02	1.9E-02	8.4E+00	4.0E-01	4.5E+01	7.6E-02	4.7E+05	7.2E-06	4.0E+02	8.5E-03
PAOC05	SB16P3_NE_FLOOR~2	11	11	07/05/95	VOC	Benzene	71-43-2	5.00E+00	1.6E+00	**3.1E+00**	1.3E+01	3.8E-01	3.8E+05	1.3E-05	1.8E+02	2.8E-02	8.4E+00	6.0E-01	4.5E+01	1.1E-01	4.7E+05	1.1E-05	4.0E+02	1.3E-02
PAOC05	SB16P3_NW_FLOOR~1	9	9	06/30/95	VOC	Benzene	71-43-2	9.20E-02	1.6E+00	5.8E-02	1.3E+01	7.1E-03	3.8E+05	2.4E-07	1.8E+02	5.1E-04	8.4E+00	1.1E-02	4.5E+01	2.0E-03	4.7E+05	2.0E-07	4.0E+02	2.3E-04
PAOC05	SB16P3_SE_FLOOR	13	13	06/28/95	VOC	Benzene	71-43-2	6.30E-01	1.6E+00	3.9E-01	1.3E+01	4.8E-02	3.8E+05	1.7E-06	1.8E+02	3.5E-03	8.4E+00	7.5E-02	4.5E+01	1.4E-02	4.7E+05	1.3E-06	4.0E+02	1.6E-03
PAOC05	SB16P3_SFLOOR	8	8	06/28/95	VOC	Benzene	71-43-2	3.50E-01	1.6E+00	2.2E-01	1.3E+01	2.7E-02	3.8E+05	9.2E-07	1.8E+02	1.9E-03	8.4E+00	4.2E-02	4.5E+01	7.8E-03	4.7E+05	7.4E-07	4.0E+02	8.8E-04
PAOC05	SB-N-1	18	20	12/22/93	VOC	Benzene	71-43-2	1.27E+00	1.6E+00	7.9E-01	1.3E+01	9.8E-02	3.8E+05	3.3E-06	1.8E+02	7.1E-03	8.4E+00	1.5E-01	4.5E+01	2.8E-02	4.7E+05	2.7E-06	4.0E+02	3.2E-03
PAOC05	TANK 2	NA	NA	01/17/89	VOC	Ethyl Benzene	100-41-4	1.25E+02	8.7E+01	**1.4E+00**	7.2E+02	1.7E-01	1.0E+07	1.3E-05	1.4E+02	8.9E-01	1.4E+02	8.9E-01	2.4E+03	5.2E-02	1.3E+07	9.6E-06	1.4E+02	8.9E-01
PAOC05	TANK 2	NA	NA	01/17/89	VOC	Xylenes (total)	1330-20-7	4.50E+02	1.5E+02	**3.0E+00**	4.6E+04	9.8E-03	2.9E+08	1.6E-06	1.5E+02	**3.0E+00**	1.5E+02	**3.0E+00**	5.4E+04	8.3E-03	1.3E+08	3.5E-06	1.5E+02	**3.0E+00**
PAOC05	TANK 3	NA	NA	01/17/89	VOC	Ethyl Benzene	100-41-4	3.00E+01	8.7E+01	3.4E-01	7.2E+02	4.2E-02	1.0E+07	3.0E-06	1.4E+02	2.1E-01	1.4E+02	2.1E-01	2.4E+03	1.3E-02	1.3E+07	2.3E-06	1.4E+02	2.1E-01
PAOC05	TANK 3	NA	NA	01/17/89	VOC	Xylenes (total)	1330-20-7	1.25E+02	1.5E+02	8.3E-01	4.6E+04	2.7E-03	2.9E+08	4.3E-07	1.5E+02	8.3E-01	1.5E+02	8.3E-01	5.4E+04	2.3E-03	1.3E+08	9.6E-07	1.5E+02	8.3E-01
PAOC05	TANK 5	NA	NA	01/17/89	VOC	Xylenes (total)	1330-20-7	4.00E+01	1.5E+02	2.7E-01	4.6E+04	8.7E-04	2.9E+08	1.4E-07	1.5E+02	2.7E-01	1.5E+02	2.7E-01	5.4E+04	7.4E-04	1.3E+08	3.1E-07	1.5E+02	2.7E-01
PAOC05	TANK 6	NA	NA	01/17/89	VOC	Ethyl Benzene	100-41-4	3.50E+03	8.7E+01	**4.0E+01**	7.2E+02	**4.9E+00**	1.0E+07	3.5E-04	1.4E+02	**2.5E+01**	1.4E+02	**2.5E+01**	2.4E+03	**1.5E+00**	1.3E+07	2.7E-04	1.4E+02	**2.5E+01**
PAOC05	TANK 6	NA	NA	01/17/89	VOC	Toluene	108-88-3	8.50E+02	2.5E+02	**3.4E+00**	2.8E+03	3.0E-01	2.7E+07	3.1E-05	2.5E+02	**3.4E+00**	2.5E+02	**3.4E+00**	3.3E+03	2.6E-01	1.2E+07	7.1E-05	2.5E+02	**3.4E+00**
PAOC05	TANK 6	NA	NA	01/17/89	VOC	Xylenes (total)	1330-20-7	2.30E+04	1.5E+02	**1.5E+02**	4.6E+04	5.0E-01	2.9E+08	7.9E-05	1.5E+02	**1.5E+02**	1.5E+02	**1.5E+02**	5.4E+04	4.3E-01	1.3E+08	1.8E-04	1.5E+02	**1.5E+02**
PAOC05	WB16P3_SIDEWALL~12	5	5	08/11/95	VOC	Benzene	71-43-2	2.90E+00	1.6E+00	**1.8E+00**	1.3E+01	2.2E-01	3.8E+05	7.6E-06	1.8E+02	1.6E-02	8.4E+00	3.5E-01	4.5E+01	6.4E-02	4.7E+05	6.2E-06	4.0E+02	7.3E-03
PAOC05	WB16P3_SIDEWALL~9	5	5	08/08/95	VOC	Benzene	71-43-2	2.30E+00	1.6E+00	**1.4E+00**	1.3E+01	1.8E-01	3.8E+05	6.1E-06	1.8E+02	1.3E-02	8.4E+00	2.7E-01	4.5E+01	5.1E-02	4.7E+05	4.9E-06	4.0E+02	5.8E-03
PAOC06	BH-47-07	17.5	20	10/09/07	INORG	Arsenic	7440-38-2	1.11E+01					7.2E+02	1.5E-02	7.6E+00	**1.5E+00**					9.1E+02	1.2E-02	3.7E+01	3.0E-01
PAOC06	BH-80-08	4	6	03/05/08	SVOC	2,6-Dinitrotoluene	606-20-2	1.50E-01																
PAOC09	BH-77-08	8	10	03/11/08	VOC	cis-1,2-Dichloroethene	156-59-2	7.30E-01	2.2E+01	3.3E-02	1.8E+02	4.1E-03	2.3E+06	3.2E-07	6.4E+02	1.1E-03	4.1E+01	1.8E-02	2.1E+02	3.5E-03	1.0E+06	7.3E-07	6.4E+02	1.1E-03
PAOC09	BH-77-08	8	10	03/11/08	VOC	Trichloroethene	79-01-6	2.20E-01	7.1E+00	3.1E-02	7.8E+01	2.8E-03	1.8E+06	1.2E-07	5.0E+02	4.4E-04	3.7E+01	5.9E-03	2.6E+02	8.5E-04	2.3E+06	9.6E-08	5.0E+02	4.4E-04
PAOC09	BH-77-08	8	10	03/11/08	VOC	Trichloroethene	79-01-6	1.20E-01	7.1E+00	1.7E-02	7.8E+01	1.5E-03	1.8E+06	6.7E-08	5.0E+02	2.4E-04	3.7E+01	3.2E-03	2.6E+02	4.6E-04	2.3E+06	5.2E-08	5.0E+02	2.4E-04
PAOC09	BH-77-08	8	10	03/11/08	VOC	Vinyl Chloride	75-01-4	6.60E-02	2.7E-01	2.4E-01	4.2E+00	1.6E-02	3.5E+05	1.9E-07	3.8E+00	1.7E-02	2.8E+00	2.4E-02	2.9E+01	2.3E-03	8.9E+05	7.4E-08	3.4E+01	1.9E-03
PAOC09	BH-77-08	8	10	03/11/08	VOC	Vinyl Chloride	75-01-4	4.50E-02	2.7E-01	1.7E-01	4.2E+00	1.1E-02	3.5E+05	1.3E-07	3.8E+00	1.2E-02	2.8E+00	1.6E-02	2.9E+01	1.6E-03	8.9E+05	5.1E-08	3.4E+01	1.3E-03
PAOC11	BH-14-07	0	2	10/16/07	INORG	Antimony	7440-36-0	5.50E+00					1.3E+04	4.2E-04	1.8E+02	3.1E-02					5.9E+03	9.3E-04	6.7E+02	8.2E-03
PAOC12	MW-13-07	0	2	10/18/07	INORG	Lead	7439-92-1	4.46E+02					1.0E+05	4.5E-03	4.0E+02	**1.1E+00**					4.4E+04	1.0E-02	9.0E+02	5.0E-01
PAOC13	SS-8-A-SIDE-AREA1	NA	NA	07/25/95	VOC	Ethyl Benzene	100-41-4	4.00E+01	8.7E+01	4.6E-01	7.2E+02	5.6E-02	1.0E+07	4.0E-06	1.4E+02	2.9E-01	1.4E+02	2.9E-01	2.4E+03	1.7E-02	1.3E+07	3.1E-06	1.4E+02	2.9E-01
PAOC13	SS-8-A-SIDE-AREA1	NA	NA	07/25/95	VOC	Trichloroethene	79-01-6	2.70E-01	7.1E+00	3.8E-02	7.8E+01	3.5E-03	1.8E+06	1.5E-07	5.0E+02	5.4E-04	3.7E+01	7.3E-03	2.6E+02	1.0E-03	2.3E+06	1.2E-07	5.0E+02	5.4E-04
PAOC13	SS-9-A	NA	NA	07/25/95	VOC	Tetrachloroethene	127-18-4	2.60E-01	1.1E+01	2.4E-02	1.8E+02	1.4E-03	5.4E+06	4.8E-08	8.8E+01	3.0E-03	6.0E+01	4.3E-03	6.0E+02	4.3E-04	6.8E+06	3.8E-08	8.8E+01	3.0E-03
PAOC21	MW-28-07	0	2	10/17/07	INORG	Manganese	7439-96-5	2.27E+03					3.3E+03	5.5E-01	2.5E+04	7.3E-02					1.5E+03	**1.2E+00**	9.0E+04	2.0E-02
PAOC22	BH-72-08	12	14	03/13/08	PCB	PCBs (total)	1336-36-3	2.20E+01	3.0E+03	7.3E-03	2.4E+02	9.2E-02	5.2E+03	4.2E-03	4.0E+00	**5.5E+00**	1.6E+04	1.4E-03	8.1E+02	2.7E-02	6.5E+03	3.4E-03	1.6E+01	**1.4E+00**

Note:
See Table 1a.

Table 2a: Screening Summary for Groundwater
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Residential DWC (mg/L)	Ratio of Max Detect to Res DWC	Industrial DWC (mg/L)	Ratio of Max Detect to Ind DWC	Residential GVIIC (mg/L)	Ratio of Max Detect to Res GVIIC	Industrial GVIIC (mg/L)	Ratio of Max Detect to Ind GVIIC	GCC (mg/L)	Ratio of Max Detect to GCC
PAOC01	VOC	2-Butanone	78-93-3	ID	5	1	2.50E-03	2.50E-03	1.3E+01	1.9E-04	3.8E+01	6.6E-05	2.4E+05	1.0E-08	2.4E+05	1.0E-08	2.4E+05	1.0E-08
PAOC01	VOC	1,3-Dichlorobenzene	541-73-1	D	5	3	1.80E-04	2.90E-04	6.6E-03	4.4E-02	1.9E-02	1.5E-02					2.0E+00	1.5E-04
PAOC01	VOC	1,4-Dichlorobenzene	106-46-7	C	5	2	3.00E-04	4.80E-04	7.5E-02	6.4E-03	7.5E-02	6.4E-03	1.6E+01	3.0E-05	7.4E+01	6.5E-06	6.4E+00	7.5E-05
PAOC01	VOC	cis-1,2-Dichloroethene	156-59-2	ID	5	1	8.80E-03	8.80E-03	7.0E-02	1.3E-01	7.0E-02	1.3E-01	9.3E+01	9.5E-05	2.1E+02	4.2E-05	2.0E+02	4.4E-05
PAOC01	VOC	trans-1,2-Dichloroethene	156-60-5		5	1	2.90E-03	2.90E-03	1.0E-01	2.9E-02	1.0E-01	2.9E-02	8.5E+01	3.4E-05	2.0E+02	1.5E-05	2.2E+02	1.3E-05
PAOC01	VOC	4-Methyl-2-pentanone	108-10-1	ID	5	1	3.20E-03	3.20E-03	1.8E+00	1.8E-03	5.2E+00	6.2E-04	2.0E+04	1.6E-07	2.0E+04	1.6E-07	1.3E+04	2.5E-07
PAOC01	VOC	Trichloroethene	79-01-6	C-B2	5	1	5.10E-02	5.10E-02	5.0E-03	**1.0E+01**	5.0E-03	**1.0E+01**	1.5E+01	3.4E-03	9.7E+01	5.3E-04	2.2E+01	2.3E-03
PAOC01	PCB	PCBs (total)	1336-36-3	B2	5	1	6.20E-04	6.20E-04	5.0E-04	**1.2E+00**	5.0E-04	**1.2E+00**	4.5E-02	1.4E-02	4.5E-02	1.4E-02	3.3E-03	1.9E-01
PAOC01	INORG	Aluminum	7429-90-5	ID	5	4	1.16E-02	5.23E-01	3.0E-01	**1.7E+00**	4.1E+00	1.3E-01					6.4E+04	8.2E-06
PAOC01	INORG	Barium	7440-39-3	NC	5	5	1.20E-02	3.94E-01	2.0E+00	2.0E-01	2.0E+00	2.0E-01					1.4E+04	2.8E-05
PAOC01	INORG	Cadmium	7440-43-9	B1	5	1	7.10E-04	7.10E-04	5.0E-03	1.4E-01	5.0E-03	1.4E-01					1.9E+02	3.7E-06
PAOC01	INORG	Chromium III	16065-83-1	D	5	5	2.50E-03	2.60E-03	3.8E+01	6.8E-05	1.1E+02	2.4E-05					2.9E+05	9.0E-09
PAOC01	INORG	Cobalt	7440-48-4	LC	5	2	2.10E-03	2.50E-03	4.0E-02	6.3E-02	1.0E-01	2.5E-02					2.4E+03	1.0E-06
PAOC01	INORG	Iron	7439-89-6	D	5	5	8.71E-02	1.81E+00	2.0E+00	9.1E-01	5.6E+00	3.2E-01					5.8E+04	3.1E-05
PAOC01	INORG	Manganese	7439-96-5	D	5	5	1.45E-02	2.15E+00	8.6E-01	**2.5E+00**	2.5E+00	8.6E-01					9.1E+03	2.4E-04
PAOC01	INORG	Nickel	7440-02-0	A	5	3	3.50E-03	6.70E-03	1.0E-01	6.7E-02	1.0E-01	6.7E-02					7.4E+04	9.1E-08
PAOC01	INORG	Vanadium	7440-62-2		5	1	3.20E-03	3.20E-03	4.5E-03	7.1E-01	6.2E-02	5.2E-02					9.7E+02	3.3E-06
PAOC01	INORG	Zinc	7440-66-6	ID	5	4	5.80E-03	1.05E-02	2.4E+00	4.4E-03	5.0E+00	2.1E-03					1.1E+05	9.5E-08
PAOC02	VOC	Acetone	67-64-1	ID	9	1	1.80E-01	1.80E-01	7.3E-01	2.5E-01	2.1E+00	8.6E-02	1.0E+06	1.8E-07	1.0E+06	1.8E-07	3.1E+04	5.8E-06
PAOC02	VOC	2-Butanone	78-93-3	ID	9	2	7.40E-04	3.60E-02	1.3E+01	2.8E-03	3.8E+01	9.5E-04	2.4E+05	1.5E-07	2.4E+05	1.5E-07	2.4E+05	1.5E-07
PAOC02	VOC	Chloroform	67-66-3	B2	9	2	2.30E-04	1.70E-02	8.0E-02	2.1E-01	8.0E-02	2.1E-01	2.8E+01	6.1E-04	1.8E+02	9.4E-05	1.5E+02	1.1E-04
PAOC02	VOC	1,1-Dichloroethane	75-34-3	SC	9	1	2.30E-01	2.30E-01	8.8E-01	2.6E-01	2.5E+00	9.2E-02	1.0E+03	2.3E-04	2.3E+03	1.0E-04	2.4E+03	9.6E-05
PAOC02	VOC	1,1-Dichloroethene	75-35-4	C	9	4	4.70E-04	5.70E-02	7.0E-03	**8.1E+00**	7.0E-03	**8.1E+00**	2.0E-01	2.9E-01	1.3E+00	4.4E-02	1.1E+01	5.2E-03
PAOC02	VOC	cis-1,2-Dichloroethene	156-59-2	ID	9	1	7.60E-02	7.60E-02	7.0E-02	**1.1E+00**	7.0E-02	**1.1E+00**	9.3E+01	8.2E-04	2.1E+02	3.6E-04	2.0E+02	3.8E-04
PAOC02	VOC	2-Hexanone	591-78-6		9	1	3.80E-03	3.80E-03	1.0E+00	3.8E-03	2.9E+00	1.3E-03	4.2E+03	9.0E-07	8.7E+03	4.4E-07	5.2E+03	7.3E-07
PAOC02	VOC	4-Methyl-2-pentanone	108-10-1	ID	9	2	7.90E-04	7.60E-03	1.8E+00	4.2E-03	5.2E+00	1.5E-03	2.0E+04	3.8E-07	2.0E+04	3.8E-07	1.3E+04	5.8E-07
PAOC02	VOC	Toluene	108-88-3	ID	9	1	2.40E-04	2.40E-04	1.0E+00	2.4E-04	1.0E+00	2.4E-04	5.3E+02	4.5E-07	5.3E+02	4.5E-07	5.3E+02	4.5E-07
PAOC02	VOC	1,1,1-Trichloroethane	71-55-6	ID	9	1	1.00E+00	1.00E+00	2.0E-01	**5.0E+00**	2.0E-01	**5.0E+00**	6.6E+02	1.5E-03	1.3E+03	7.7E-04	1.3E+03	7.7E-04
PAOC02	VOC	Trichloroethene	79-01-6	C-B2	9	1	2.10E+00	2.10E+00	5.0E-03	**4.2E+02**	5.0E-03	**4.2E+02**	1.5E+01	1.4E-01	9.7E+01	2.2E-02	2.2E+01	9.5E-02
PAOC02	VOC	Trichlorofluoromethane	75-69-4		9	1	2.20E-04	2.20E-04	2.6E+00	8.5E-05	7.3E+00	3.0E-05	1.1E+03	2.0E-07	1.1E+03	2.0E-07	1.1E+03	2.0E-07
PAOC02	SVOC	Acenaphthene	83-32-9		8	1	6.60E-04	6.60E-04	1.3E+00	5.1E-04	3.8E+00	1.7E-04	4.2E+00	1.6E-04	4.2E+00	1.6E-04	4.2E+00	1.6E-04
PAOC02	SVOC	Anthracene	120-12-7	D	8	1	1.30E-03	1.30E-03	4.3E-02	3.0E-02	4.3E-02	3.0E-02	4.3E-02	3.0E-02	4.3E-02	3.0E-02	4.3E-02	3.0E-02
PAOC02	SVOC	Benzo(a)anthracene	56-55-3	B2	8	2	3.50E-04	3.40E-03	2.1E-03	**1.6E+00**	8.5E-03	4.0E-01					9.4E-03	3.6E-01
PAOC02	SVOC	Benzo(a)pyrene	50-32-8	B2	8	2	3.00E-04	3.30E-03	5.0E-03	6.6E-01	5.0E-03	6.6E-01					1.0E-03	**3.3E+00**
PAOC02	SVOC	Benzo(b)fluoranthene	205-99-2	B2	8	2	3.50E-04	4.10E-03	1.5E-03	**2.7E+00**	1.5E-03	**2.7E+00**					1.5E-03	**2.7E+00**
PAOC02	SVOC	Benzo(g,h,i)perylene	191-24-2	D	8	1	2.20E-03	2.20E-03	1.0E-03	**2.2E+00**	1.0E-03	**2.2E+00**					1.0E-03	**2.2E+00**
PAOC02	SVOC	Benzo(k)fluoranthene	207-08-9	B2	8	1	1.70E-03	1.70E-03	1.0E-03	**1.7E+00**	1.0E-03	**1.7E+00**					1.0E-03	**1.7E+00**
PAOC02	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	8	3	9.00E-04	9.70E-04	6.0E-03	1.6E-01	6.0E-03	1.6E-01					3.2E-01	3.0E-03
PAOC02	SVOC	Carbazole	86-74-8	B2	8	1	9.70E-04	9.70E-04	8.5E-02	1.1E-02	3.5E-01	2.8E-03					7.4E+00	1.3E-04
PAOC02	SVOC	Chrysene	218-01-9	B2	8	2	3.20E-04	3.30E-03	1.6E-03	**2.1E+00**	1.6E-03	**2.1E+00**					1.6E-03	**2.1E+00**
PAOC02	SVOC	Dibenz(a,h)anthracene	53-70-3	B2	8	1	6.10E-04	6.10E-04	2.0E-03	3.1E-01	2.0E-03	3.1E-01					2.0E-03	3.1E-01
PAOC02	SVOC	Di-n-butylphthalate	84-74-2	D	8	1	7.30E-04	7.30E-04	8.8E-01	8.3E-04	2.5E+00	2.9E-04					1.1E+01	6.6E-05
PAOC02	SVOC	Fluoranthene	206-44-0	D	8	3	2.40E-04	8.40E-03	2.1E-01	4.0E-02	2.1E-01	4.0E-02	2.1E-01	4.0E-02	2.1E-01	4.0E-02	2.1E-01	4.0E-02
PAOC02	SVOC	Fluorene	86-73-7	D	8	1	7.20E-04	7.20E-04	8.8E-01	8.2E-04	2.0E+00	3.6E-04	2.0E+00	3.6E-04	2.0E+00	3.6E-04	2.0E+00	3.6E-04
PAOC02	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	8	1	2.00E-03	2.00E-03	2.0E-03	1.0E+00	2.0E-03	1.0E+00					2.0E-03	1.0E+00
PAOC02	SVOC	Phenanthrene	85-01-8	D	8	2	5.90E-04	5.80E-03	5.2E-02	1.1E-01	1.5E-01	3.9E-02	1.0E+00	5.8E-03	1.0E+00	5.8E-03	1.0E+00	5.8E-03
PAOC02	SVOC	Pyrene	129-00-0	NC	8	2	5.90E-04	6.30E-03	1.4E-01	4.5E-02	1.4E-01	4.5E-02	1.4E-01	4.5E-02	1.4E-01	4.5E-02	1.4E-01	4.5E-02
PAOC02	INORG	Aluminum	7429-90-5	ID	8	8	2.25E-02	4.67E-01	3.0E-01	**1.6E+00**	4.1E+00	1.1E-01					6.4E+04	7.3E-06
PAOC02	INORG	Antimony	7440-36-0		8	6	1.70E-04	1.70E-03	6.0E-03	2.8E-01	6.0E-03	2.8E-01					6.8E+01	2.5E-05
PAOC02	INORG	Barium	7440-39-3	NC	8	8	8.10E-03	2.99E-01	2.0E+00	1.5E-01	2.0E+00	1.5E-01					1.4E+04	2.1E-05
PAOC02	INORG	Chromium III	16065-83-1	D	8	4	1.40E-03	5.10E-03	3.8E+01	1.3E-04	1.1E+02	4.6E-05					2.9E+05	1.8E-08
PAOC02	INORG	Cobalt	7440-48-4	LC	8	1	1.33E-02	1.33E-02	4.0E-02	3.3E-01	1.0E-01	1.3E-01					2.4E+03	5.5E-06
PAOC02	INORG	Copper	7440-50-8	D	8	1	4.10E-03	4.10E-03	1.4E+00	2.9E-03	4.0E+00	1.0E-03					7.4E+03	5.5E-07
PAOC02	INORG	Cyanide (amenable)	57-12-5A		8	2	1.40E-02	2.00E-02										
PAOC02	INORG	Iron	7439-89-6	D	8	8	1.66E-01	7.88E+00	2.0E+00	**3.9E+00**	5.6E+00	**1.4E+00**					5.8E+04	1.4E-04
PAOC02	INORG	Lead	7439-92-1	B2	8	2	2.50E-03	2.25E-02	4.0E-03	**5.6E+00**	4.0E-03	**5.6E+00**						

Table 2a: Screening Summary for Groundwater
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Residential DWC (mg/L)	Ratio of Max Detect to Res DWC	Industrial DWC (mg/L)	Ratio of Max Detect to Ind DWC	Residential GVIIC (mg/L)	Ratio of Max Detect to Res GVIIC	Industrial GVIIC (mg/L)	Ratio of Max Detect to Ind GVIIC	GCC (mg/L)	Ratio of Max Detect to GCC
PAOC02	INORG	Manganese	7439-96-5	D	8	8	1.08E-02	5.95E-01	8.6E-01	6.9E-01	2.5E+00	2.4E-01					9.1E+03	6.5E-05
PAOC02	INORG	Mercury	7439-97-6	D	8	2	1.20E-04	1.20E-04	2.0E-03	6.0E-02	2.0E-03	6.0E-02	5.6E-02	2.1E-03	5.6E-02	2.1E-03	5.6E-02	2.1E-03
PAOC02	INORG	Nickel	7440-02-0	A	8	1	8.60E-03	8.60E-03	1.0E-01	8.6E-02	1.0E-01	8.6E-02					7.4E+04	1.2E-07
PAOC02	INORG	Selenium	7782-49-2	D	8	2	4.50E-03	5.40E-03	5.0E-02	1.1E-01	5.0E-02	1.1E-01					9.7E+02	5.6E-06
PAOC02	INORG	Vanadium	7440-62-2		8	3	1.00E-03	3.30E-03	4.5E-03	7.3E-01	6.2E-02	5.3E-02					9.7E+02	3.4E-06
PAOC02	INORG	Zinc	7440-66-6	ID	8	2	7.20E-03	3.14E-02	2.4E+00	1.3E-02	5.0E+00	6.3E-03					1.1E+05	2.9E-07
PAOC03	VOC	Toluene	108-88-3	ID	3	1	5.40E-04	5.40E-04	1.0E+00	5.4E-04	1.0E+00	5.4E-04	5.3E+02	1.0E-06	5.3E+02	1.0E-06	5.3E+02	1.0E-06
PAOC03	PCB	PCBs (total)	1336-36-3	B2	2	1	1.05E-04	1.05E-04	5.0E-04	2.1E-01	5.0E-04	2.1E-01	4.5E-02	2.3E-03	4.5E-02	2.3E-03	3.3E-03	3.2E-02
PAOC03	INORG	Aluminum	7429-90-5	ID	3	3	1.48E-01	6.44E-01	3.0E-01	**2.1E+00**	4.1E+00	1.6E-01					6.4E+04	1.0E-05
PAOC03	INORG	Antimony	7440-36-0		3	3	1.40E-04	1.30E-03	6.0E-03	2.2E-01	6.0E-03	2.2E-01					6.8E+01	1.9E-05
PAOC03	INORG	Arsenic	7440-38-2	A	3	1	5.90E-03	5.90E-03	1.0E-02	5.9E-01	1.0E-02	5.9E-01					4.3E+00	1.4E-03
PAOC03	INORG	Barium	7440-39-3	NC	3	3	9.70E-03	1.19E-01	2.0E+00	6.0E-02	2.0E+00	6.0E-02					1.4E+04	8.5E-06
PAOC03	INORG	Chromium III	16065-83-1	D	2	2	5.00E-04	5.00E-04	3.8E+01	1.3E-05	1.1E+02	4.5E-06					2.9E+05	1.7E-09
PAOC03	INORG	Chromium VI	18540-29-9	A	2	2	6.00E-03	1.00E-02	1.0E-01	1.0E-01	1.0E-01	1.0E-01					4.6E+02	2.2E-05
PAOC03	INORG	Copper	7440-50-8	D	3	3	3.90E-03	6.30E-03	1.4E+00	4.5E-03	4.0E+00	1.6E-03					7.4E+03	8.5E-07
PAOC03	INORG	Iron	7439-89-6	D	3	3	3.46E-01	1.03E+00	2.0E+00	5.2E-01	5.6E+00	1.8E-01					5.8E+04	1.8E-05
PAOC03	INORG	Lead	7439-92-1	B2	3	1	5.60E-03	5.60E-03	4.0E-03	**1.4E+00**	4.0E-03	**1.4E+00**						
PAOC03	INORG	Manganese	7439-96-5	D	3	3	1.51E-02	2.54E-01	8.6E-01	3.0E-01	2.5E+00	1.0E-01					9.1E+03	2.8E-05
PAOC03	INORG	Nickel	7440-02-0	A	3	1	9.40E-03	9.40E-03	1.0E-01	9.4E-02	1.0E-01	9.4E-02					7.4E+04	1.3E-07
PAOC03	INORG	Vanadium	7440-62-2		3	2	3.30E-03	5.40E-03	4.5E-03	**1.2E+00**	6.2E-02	8.7E-02					9.7E+02	5.6E-06
PAOC03	INORG	Zinc	7440-66-6	ID	3	2	1.62E-02	2.15E-02	2.4E+00	9.0E-03	5.0E+00	4.3E-03					1.1E+05	2.0E-07
PAOC05	VOC	Benzene	71-43-2	A	25	13	5.00E-04	1.40E+01	5.0E-03	**2.8E+03**	5.0E-03	**2.8E+03**	5.6E+00	**2.5E+00**	3.5E+01	4.0E-01	1.1E+01	**1.3E+00**
PAOC05	VOC	2-Butanone	78-93-3	ID	5	2	2.70E-03	7.00E-03	1.3E+01	5.4E-04	3.8E+01	1.8E-04	2.4E+05	2.9E-08	2.4E+05	2.9E-08	2.4E+05	2.9E-08
PAOC05	VOC	Carbon Disulfide	75-15-0		5	1	3.60E-04	3.60E-04	8.0E-01	4.5E-04	2.3E+00	1.6E-04	2.5E+02	1.4E-06	5.5E+02	6.5E-07	1.2E+03	3.0E-07
PAOC05	VOC	Chloroethane	75-00-3	LC	9	1	5.90E-04	5.90E-04	4.3E-01	1.4E-03	1.7E+00	3.5E-04	5.7E+03	1.0E-07	5.7E+03	1.0E-07	4.4E+02	1.3E-06
PAOC05	VOC	1,1-Dichloroethane	75-34-3	SC	9	1	2.00E-03	2.00E-03	8.8E-01	2.3E-03	2.5E+00	8.0E-04	1.0E+03	2.0E-06	2.3E+03	8.7E-07	2.4E+03	8.3E-07
PAOC05	VOC	1,1-Dichloroethene	75-35-4	C	9	2	9.20E-04	1.20E-03	7.0E-03	1.7E-01	7.0E-03	1.7E-01	2.0E-01	6.0E-03	1.3E+00	9.2E-04	1.1E+01	1.1E-04
PAOC05	VOC	trans-1,2-Dichloroethene	156-60-5		9	2	1.40E-02	1.60E-02	1.0E-01	1.6E-01	1.0E-01	1.6E-01	8.5E+01	1.9E-04	2.0E+02	8.0E-05	2.2E+02	7.3E-05
PAOC05	VOC	Ethyl Benzene	100-41-4	D	25	9	4.50E-03	2.10E+00	7.0E-01	**3.0E+00**	7.0E-01	**3.0E+00**	1.1E+02	1.9E-02	1.7E+02	1.2E-02	1.7E+02	1.2E-02
PAOC05	VOC	Methyl tert-butyl ether	1634-04-4		5	1	2.30E-04	2.30E-04	2.4E-01	9.6E-04	6.9E-01	3.3E-04	4.7E+04	4.9E-09	4.7E+04	4.9E-09	6.1E+02	3.8E-07
PAOC05	VOC	Tetrachloroethene	127-18-4	C-B2	9	1	1.30E-03	1.30E-03	5.0E-03	2.6E-01	5.0E-03	2.6E-01	2.5E+01	5.2E-05	1.7E+02	7.6E-06	1.2E+01	1.1E-04
PAOC05	VOC	Toluene	108-88-3	ID	25	10	1.80E-03	2.20E+01	1.0E+00	**2.2E+01**	1.0E+00	**2.2E+01**	5.3E+02	4.2E-02	5.3E+02	4.2E-02	5.3E+02	4.2E-02
PAOC05	VOC	1,1,1-Trichloroethane	71-55-6	ID	9	2	1.10E-03	3.60E-03	2.0E-01	1.8E-02	2.0E-01	1.8E-02	6.6E+02	5.5E-06	1.3E+03	2.8E-06	1.3E+03	2.8E-06
PAOC05	VOC	Trichloroethene	79-01-6	C-B2	9	1	2.40E-03	2.40E-03	5.0E-03	4.8E-01	5.0E-03	4.8E-01	1.5E+01	1.6E-04	9.7E+01	2.5E-05	2.2E+01	1.1E-04
PAOC05	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	5	1	8.50E-04	8.50E-04	1.0E+00	8.5E-04	2.9E+00	2.9E-04	5.6E+01	1.5E-05	5.6E+01	1.5E-05	5.6E+01	1.5E-05
PAOC05	VOC	1,3,5-Trimethylbenzene	108-67-8	ID	5	1	2.90E-04	2.90E-04	1.0E+00	2.9E-04	2.9E+00	1.0E-04	6.1E+01	4.8E-06	6.1E+01	4.8E-06	6.1E+01	4.8E-06
PAOC05	VOC	Vinyl Chloride	75-01-4	A	9	3	1.60E-03	7.50E-02	2.0E-03	**3.8E+01**	2.0E-03	**3.8E+01**	1.1E+00	6.8E-02	1.3E+01	5.8E-03	1.0E+00	7.5E-02
PAOC05	VOC	Xylenes (total)	1330-20-7	ID	21	7	1.40E-02	1.60E+01	1.0E+01	**1.6E+00**	1.0E+01	**1.6E+00**	1.9E+02	8.4E-02	1.9E+02	8.4E-02	1.9E+02	8.4E-02
PAOC05	SVOC	Acetophenone	98-86-2	D	5	1	5.50E-04	5.50E-04	1.5E+00	3.7E-04	4.4E+00	1.3E-04	6.1E+03	9.0E-08	6.1E+03	9.0E-08	6.1E+03	9.0E-08
PAOC05	SVOC	Benzo(a)anthracene	56-55-3	B2	5	1	7.30E-04	7.30E-04	2.1E-03	3.5E-01	8.5E-03	8.6E-02					9.4E-03	7.8E-02
PAOC05	SVOC	Benzo(a)pyrene	50-32-8	B2	5	1	6.40E-04	6.40E-04	5.0E-03	1.3E-01	5.0E-03	1.3E-01					1.0E-03	6.4E-01
PAOC05	SVOC	Benzo(b)fluoranthene	205-99-2	B2	5	1	1.20E-03	1.20E-03	1.5E-03	8.0E-01	1.5E-03	8.0E-01					1.5E-03	8.0E-01
PAOC05	SVOC	Benzo(g,h,i)perylene	191-24-2	D	5	1	5.70E-04	5.70E-04	1.0E-03	5.7E-01	1.0E-03	5.7E-01					1.0E-03	5.7E-01
PAOC05	SVOC	Benzo(k)fluoranthene	207-08-9	B2	5	1	3.80E-04	3.80E-04	1.0E-03	3.8E-01	1.0E-03	3.8E-01					1.0E-03	3.8E-01
PAOC05	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	5	2	1.50E-03	2.10E-03	6.0E-03	3.5E-01	6.0E-03	3.5E-01					3.2E-01	6.6E-03
PAOC05	SVOC	Chrysene	218-01-9	B2	5	1	9.40E-04	9.40E-04	1.6E-03	5.9E-01	1.6E-03	5.9E-01					1.6E-03	5.9E-01
PAOC05	SVOC	Fluoranthene	206-44-0	D	5	1	2.50E-03	2.50E-03	2.1E-01	1.2E-02	2.1E-01	1.2E-02	2.1E-01	1.2E-02	2.1E-01	1.2E-02	2.1E-01	1.2E-02
PAOC05	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	B2	5	1	4.90E-04	4.90E-04	2.0E-03	2.5E-01	2.0E-03	2.5E-01					2.0E-03	2.5E-01
PAOC05	SVOC	2-Methylnaphthalene	91-57-6	ID	5	1	3.80E-04	3.80E-04	2.6E-01	1.5E-03	7.5E-01	5.1E-04					2.5E+01	1.5E-05
PAOC05	SVOC	Naphthalene	91-20-3	C	5	1	9.20E-04	9.20E-04	5.2E-01	1.8E-03	1.5E+00	6.1E-04	3.1E+01	3.0E-05	3.1E+01	3.0E-05	3.1E+01	3.0E-05
PAOC05	SVOC	Phenanthrene	85-01-8	D	5	1	8.70E-04	8.70E-04	5.2E-02	1.7E-02	1.5E-01	5.8E-03	1.0E+00	8.7E-04	1.0E+00	8.7E-04	1.0E+00	8.7E-04
PAOC05	SVOC	Pyrene	129-00-0	NC	5	1	1.70E-03	1.70E-03	1.4E-01	1.2E-02	1.4E-01	1.2E-02	1.4E-01	1.2E-02	1.4E-01	1.2E-02	1.4E-01	1.2E-02
PAOC05	PCB	PCBs (total)	1336-36-3	B2	5	1	7.15E-05	7.15E-05	5.0E-04	1.4E-01	5.0E-04	1.4E-01	4.5E-02	1.6E-03	4.5E-02	1.6E-03	3.3E-03	2.2E-02
PAOC05	INORG	Aluminum	7429-90-5	ID	5	5	1.98E-02	9.29E-01	3.0E-01	**3.1E+00**	4.1E+00	2.3E-01					6.4E+04	1.5E-05
PAOC05	INORG	Antimony	7440-36-0		5	2	1.00E-03	1.90E-03	6.0E-03	3.2E-01	6.0E-03	3.2E-01					6.8E+01	2.8E-05
PAOC05	INORG	Arsenic	7440-38-2	A	5	1	9.20E-03	9.20E-03	1.0E-02	9.2E-01	1.0E-02	9.2E-01					4.3E+00	2.1E-03

Table 2a: Screening Summary for Groundwater
Pontiac Validation Center, Pontiac, Michigan

Area	Chem Group	Chemical	CASRN	Carc Class	Analyzed	Detected	Min Detected (mg/L)	Max Detected (mg/L)	Residential DWC (mg/L)	Ratio of Max Detect to Res DWC	Industrial DWC (mg/L)	Ratio of Max Detect to Ind DWC	Residential GVIIC (mg/L)	Ratio of Max Detect to Res GVIIC	Industrial GVIIC (mg/L)	Ratio of Max Detect to Ind GVIIC	GCC (mg/L)	Ratio of Max Detect to GCC
PAOC05	INORG	Barium	7440-39-3	NC	5	5	9.50E-02	4.48E-01	2.0E+00	2.2E-01	2.0E+00	2.2E-01					1.4E+04	3.2E-05
PAOC05	INORG	Chromium III	16065-83-1	D	5	5	2.50E-03	1.14E-02	3.8E+01	3.0E-04	1.1E+02	1.0E-04					2.9E+05	3.9E-08
PAOC05	INORG	Chromium VI	18540-29-9	A	5	1	3.00E-02	3.00E-02	1.0E-01	3.0E-01	1.0E-01	3.0E-01					4.6E+02	6.5E-05
PAOC05	INORG	Copper	7440-50-8	D	5	1	7.50E-03	7.50E-03	1.4E+00	5.4E-03	4.0E+00	1.9E-03					7.4E+03	1.0E-06
PAOC05	INORG	Iron	7439-89-6	D	5	4	8.25E-02	5.75E-01	2.0E+00	2.9E-01	5.6E+00	1.0E-01					5.8E+04	9.9E-06
PAOC05	INORG	Manganese	7439-96-5	D	5	5	2.50E-03	2.33E-01	8.6E-01	2.7E-01	2.5E+00	9.3E-02					9.1E+03	2.6E-05
PAOC05	INORG	Nickel	7440-02-0	A	5	3	3.20E-03	5.50E-03	1.0E-01	5.5E-02	1.0E-01	5.5E-02					7.4E+04	7.4E-08
PAOC05	INORG	Vanadium	7440-62-2		5	3	1.80E-03	7.20E-03	4.5E-03	**1.6E+00**	6.2E-02	1.2E-01					9.7E+02	7.4E-06
PAOC10	VOC	Benzene	71-43-2	A	1	1	2.20E-04	2.20E-04	5.0E-03	4.4E-02	5.0E-03	4.4E-02	5.6E+00	3.9E-05	3.5E+01	6.3E-06	1.1E+01	2.0E-05
PAOC10	VOC	Toluene	108-88-3	ID	1	1	8.80E-04	8.80E-04	1.0E+00	8.8E-04	1.0E+00	8.8E-04	5.3E+02	1.7E-06	5.3E+02	1.7E-06	5.3E+02	1.7E-06
PAOC10	VOC	1,2,4-Trimethylbenzene	95-63-6	ID	1	1	2.20E-04	2.20E-04	1.0E+00	2.2E-04	2.9E+00	7.6E-05	5.6E+01	3.9E-06	5.6E+01	3.9E-06	5.6E+01	3.9E-06
PAOC10	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	B2	2	2	1.40E-03	6.90E-03	6.0E-03	**1.2E+00**	6.0E-03	**1.2E+00**					3.2E-01	2.2E-02
PAOC10	SVOC	Fluoranthene	206-44-0	D	2	1	2.30E-04	2.30E-04	2.1E-01	1.1E-03	2.1E-01	1.1E-03	2.1E-01	1.1E-03	2.1E-01	1.1E-03	2.1E-01	1.1E-03
PAOC10	SVOC	Phenanthrene	85-01-8	D	2	1	2.20E-04	2.20E-04	5.2E-02	4.2E-03	1.5E-01	1.5E-03	1.0E+00	2.2E-04	1.0E+00	2.2E-04	1.0E+00	2.2E-04
PAOC10	INORG	Aluminum	7429-90-5	ID	1	1	9.27E-01	9.27E-01	3.0E-01	**3.1E+00**	4.1E+00	2.3E-01					6.4E+04	1.4E-05
PAOC10	INORG	Antimony	7440-36-0		1	1	8.00E-04	8.00E-04	6.0E-03	1.3E-01	6.0E-03	1.3E-01					6.8E+01	1.2E-05
PAOC10	INORG	Arsenic	7440-38-2	A	1	1	4.93E-02	4.93E-02	1.0E-02	**4.9E+00**	1.0E-02	**4.9E+00**					4.3E+00	1.1E-02
PAOC10	INORG	Barium	7440-39-3	NC	1	1	4.60E-02	4.60E-02	2.0E+00	2.3E-02	2.0E+00	2.3E-02					1.4E+04	3.3E-06
PAOC10	INORG	Chromium III	16065-83-1	D	1	1			3.8E+01		1.1E+02						2.9E+05	
PAOC10	INORG	Chromium VI	18540-29-9	A	1	1	8.00E-03	8.00E-03	1.0E-01	8.0E-02	1.0E-01	8.0E-02					4.6E+02	1.7E-05
PAOC10	INORG	Copper	7440-50-8	D	1	1	7.20E-03	7.20E-03	1.4E+00	5.1E-03	4.0E+00	1.8E-03					7.4E+03	9.7E-07
PAOC10	INORG	Iron	7439-89-6	D	1	1	7.67E-01	7.67E-01	2.0E+00	3.8E-01	5.6E+00	1.4E-01					5.8E+04	1.3E-05
PAOC10	INORG	Manganese	7439-96-5	D	1	1	1.11E-02	1.11E-02	8.6E-01	1.3E-02	2.5E+00	4.4E-03					9.1E+03	1.2E-06
PAOC10	INORG	Nickel	7440-02-0	A	1	1	3.30E-03	3.30E-03	1.0E-01	3.3E-02	1.0E-01	3.3E-02					7.4E+04	4.5E-08
PAOC10	INORG	Vanadium	7440-62-2		1	1	4.88E-02	4.88E-02	4.5E-03	**1.1E+01**	6.2E-02	7.9E-01					9.7E+02	5.0E-05
PAOC11/PAOC14	VOC	1,3-Dichlorobenzene	541-73-1	D	2	2	2.10E-04	2.20E-04	6.6E-03	3.3E-02	1.9E-02	1.2E-02					2.0E+00	1.1E-04
PAOC11/PAOC14	INORG	Aluminum	7429-90-5	ID	2	1	9.80E-03	9.80E-03	3.0E-01	3.3E-02	4.1E+00	2.4E-03					6.4E+04	1.5E-07
PAOC11/PAOC14	INORG	Barium	7440-39-3	NC	2	2	2.96E-01	3.10E-01	2.0E+00	1.6E-01	2.0E+00	1.6E-01					1.4E+04	2.2E-05
PAOC11/PAOC14	INORG	Chromium III	16065-83-1	D	2	2	2.50E-03	2.50E-03	3.8E+01	6.6E-05	1.1E+02	2.3E-05					2.9E+05	8.6E-09
PAOC11/PAOC14	INORG	Cyanide (amenable)	57-12-5A		2	1	7.10E-03	7.10E-03										
PAOC11/PAOC14	INORG	Manganese	7439-96-5	D	2	2	1.14E-01	1.21E-01	8.6E-01	1.4E-01	2.5E+00	4.8E-02					9.1E+03	1.3E-05
PAOC13/PAOC19	VOC	Acetone	67-64-1	ID	1	1	7.90E-02	7.90E-02	7.3E-01	1.1E-01	2.1E+00	3.8E-02	1.0E+06	7.9E-08	1.0E+06	7.9E-08	3.1E+04	2.5E-06
PAOC13/PAOC19	VOC	2-Butanone	78-93-3	ID	1	1	1.40E-02	1.40E-02	1.3E+01	1.1E-03	3.8E+01	3.7E-04	2.4E+05	5.8E-08	2.4E+05	5.8E-08	2.4E+05	5.8E-08
PAOC13/PAOC19	VOC	Carbon Disulfide	75-15-0		1	1	1.80E-03	1.80E-03	8.0E-01	2.3E-03	2.3E+00	7.8E-04	2.5E+02	7.2E-06	5.5E+02	3.3E-06	1.2E+03	1.5E-06
PAOC13/PAOC19	VOC	cis-1,2-Dichloroethene	156-59-2	ID	1	1	6.00E-04	6.00E-04	7.0E-02	8.6E-03	7.0E-02	8.6E-03	9.3E+01	6.5E-06	2.1E+02	2.9E-06	2.0E+02	3.0E-06
PAOC13/PAOC19	VOC	4-Methyl-2-pentanone	108-10-1	ID	1	1	3.00E-03	3.00E-03	1.8E+00	1.7E-03	5.2E+00	5.8E-04	2.0E+04	1.5E-07	2.0E+04	1.5E-07	1.3E+04	2.3E-07
PAOC13/PAOC19	VOC	Toluene	108-88-3	ID	1	1	5.80E-04	5.80E-04	1.0E+00	5.8E-04	1.0E+00	5.8E-04	5.3E+02	1.1E-06	5.3E+02	1.1E-06	5.3E+02	1.1E-06
PAOC13/PAOC19	VOC	Vinyl Chloride	75-01-4	A	1	1	7.90E-04	7.90E-04	2.0E-03	4.0E-01	2.0E-03	4.0E-01	1.1E+00	7.2E-04	1.3E+01	6.1E-05	1.0E+00	7.9E-04

Notes:

Only constituents detected in each area are shown.

The drinking water criteria are based on the following hierarchy: State MCL, Federal MCL, Region 9 Tap Water Ingestion Criteria at the lower of the criteria calculated at either the target cancer risk of 1E-5 or target hazard quotient of 1.

The criteria for non-drinking water are the lower of the criteria at either the target cancer risk of 1E-5 or target hazard quotient of 1.

The concentrations for all polychlorinated biphenyls (PCBs) Aroclors were summed before comparing to the criteria for PCBs (total).

The concentrations for the Xylene isomers (m/p and o) were summed before comparing to the criteria for Xylenes (total).

Ratios of concentration to the criteria greater than 1 are shaded in bold.

SM - The criterion is the State MCL.

C - The criterion is based on cancer risk at a target cancer risk of 1E-5.

NC - The criterion is based on noncancer effects at a hazard quotient of 1.

Chem Group - chemical group

Carc Class - USEPA Weight-of-Evidence Cancer Classification

DWC - MDEQ Drinking Water Criteria

GCC - MDEQ Groundwater Contact Criteria

GVIIC - MDEQ Groundwater Volatilization to Indoor Air Inhalation Criteria

Table 2b: Exceedance Summary for Groundwater
Pontiac Validation Center, Pontiac, Michigan

Area	Location	Sample Date	Chem Group	Chemical	CASRN	Conc (mg/L)	Residential DWC (mg/L)	Ratio of Max Detect to Res DWC	Industrial DWC (mg/L)	Ratio of Max Detect to Ind DWC	Residential GVIIC (mg/L)	Ratio of Max Detect to Res GVIIC	Industrial GVIIC (mg/L)	Ratio of Max Detect to Ind GVIIC	GCC (mg/L)	Ratio of Max Detect to GCC
PAOC01	MW-11-07	11/27/07	INORG	Aluminum	7429-90-5	5.23E-01	3.0E-01	**1.7E+00**	4.1E+00	1.3E-01					6.4E+04	8.2E-06
PAOC01	MW-19-07	11/27/07	INORG	Aluminum	7429-90-5	4.63E-01	3.0E-01	**1.5E+00**	4.1E+00	1.1E-01					6.4E+04	7.2E-06
PAOC01	MW-2-07	11/28/07	VOC	Trichloroethene	79-01-6	5.10E-02	5.0E-03	**1.0E+01**	5.0E-03	**1.0E+01**	1.5E+01	3.4E-03	9.7E+01	5.3E-04	2.2E+01	2.3E-03
PAOC01	MW-2-07	11/28/07	PCB	PCBs (total)	1336-36-3	6.20E-04	5.0E-04	**1.2E+00**	5.0E-04	**1.2E+00**	4.5E-02	1.4E-02	4.5E-02	1.4E-02	3.3E-03	1.9E-01
PAOC01	MW-2-07	11/28/07	INORG	Manganese	7439-96-5	2.15E+00	8.6E-01	**2.5E+00**	2.5E+00	8.6E-01					9.1E+03	2.4E-04
PAOC02	MW-32-07	01/09/08	INORG	Aluminum	7429-90-5	3.25E-01	3.0E-01	**1.1E+00**	4.1E+00	7.9E-02					6.4E+04	5.1E-06
PAOC02	MW-48-07	04/08/08	INORG	Iron	7439-89-6	7.88E+00	2.0E+00	**3.9E+00**	5.6E+00	**1.4E+00**					5.8E+04	1.4E-04
PAOC02	MW-48-07	04/08/08	INORG	Iron	7439-89-6	7.67E+00	2.0E+00	**3.8E+00**	5.6E+00	**1.4E+00**					5.8E+04	1.3E-04
PAOC02	MW-63-08	04/07/08	INORG	Lead	7439-92-1	2.25E-02	4.0E-03	**5.6E+00**	4.0E-03	**5.6E+00**						
PAOC02	MW-68-08	04/07/08	SVOC	Benzo(a)pyrene	50-32-8	3.00E-04	5.0E-03	6.0E-02	5.0E-03	6.0E-02					1.0E-03	3.0E-01
PAOC02	MW-68-08	04/07/08	INORG	Aluminum	7429-90-5	4.67E-01	3.0E-01	**1.6E+00**	4.1E+00	1.1E-01					6.4E+04	7.3E-06
PAOC02	MW-74-08	04/07/08	VOC	1,1-Dichloroethene	75-35-4	5.70E-02	7.0E-03	**8.1E+00**	7.0E-03	**8.1E+00**	2.0E-01	2.9E-01	1.3E+00	4.4E-02	1.1E+01	5.2E-03
PAOC02	MW-74-08	04/07/08	VOC	cis-1,2-Dichloroethene	156-59-2	7.60E-02	7.0E-02	**1.1E+00**	7.0E-02	**1.1E+00**	9.3E+01	8.2E-04	2.1E+02	3.6E-04	2.0E+02	3.8E-04
PAOC02	MW-74-08	04/07/08	VOC	1,1,1-Trichloroethane	71-55-6	1.00E+00	2.0E-01	**5.0E+00**	2.0E-01	**5.0E+00**	6.6E+02	1.5E-03	1.3E+03	7.7E-04	1.3E+03	7.7E-04
PAOC02	MW-74-08	04/07/08	VOC	Trichloroethene	79-01-6	2.10E+00	5.0E-03	**4.2E+02**	5.0E-03	**4.2E+02**	1.5E+01	1.4E-01	9.7E+01	2.2E-02	2.2E+01	9.5E-02
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(a)anthracene	56-55-3	3.40E-03	2.1E-03	**1.6E+00**	8.5E-03	4.0E-01					9.4E-03	3.6E-01
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(a)pyrene	50-32-8	3.30E-03	5.0E-03	6.6E-01	5.0E-03	6.6E-01					1.0E-03	**3.3E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(b)fluoranthene	205-99-2	4.10E-03	1.5E-03	**2.7E+00**	1.5E-03	**2.7E+00**					1.5E-03	**2.7E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(g,h,i)perylene	191-24-2	2.20E-03	1.0E-03	**2.2E+00**	1.0E-03	**2.2E+00**					1.0E-03	**2.2E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(k)fluoranthene	207-08-9	1.70E-03	1.0E-03	**1.7E+00**	1.0E-03	**1.7E+00**					1.0E-03	**1.7E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Chrysene	218-01-9	3.30E-03	1.6E-03	**2.1E+00**	1.6E-03	**2.1E+00**					1.6E-03	**2.1E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Dibenz(a,h)anthracene	53-70-3	6.10E-04	2.0E-03	3.1E-01	2.0E-03	3.1E-01					2.0E-03	3.1E-01
PAOC02	MW-74-08	04/07/08	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	2.00E-03	2.0E-03	1.0E+00	2.0E-03	1.0E+00					2.0E-03	1.0E+00
PAOC02	MW-74-08	04/07/08	INORG	Aluminum	7429-90-5	4.59E-01	3.0E-01	**1.5E+00**	4.1E+00	1.1E-01					6.4E+04	7.2E-06
PAOC03	MW-10-07	11/27/07	INORG	Aluminum	7429-90-5	6.44E-01	3.0E-01	**2.1E+00**	4.1E+00	1.6E-01					6.4E+04	1.0E-05
PAOC03	MW-10-07	11/27/07	INORG	Lead	7439-92-1	5.60E-03	4.0E-03	**1.4E+00**	4.0E-03	**1.4E+00**						
PAOC03	MW-10-07	11/27/07	INORG	Vanadium	7440-62-2	5.40E-03	4.5E-03	**1.2E+00**	6.2E-02	8.7E-02					9.7E+02	5.6E-06
PAOC05	MW-1	05/01/90	VOC	Benzene	71-43-2	9.90E-01	5.0E-03	**2.0E+02**	5.0E-03	**2.0E+02**	5.6E+00	1.8E-01	3.5E+01	2.8E-02	1.1E+01	9.0E-02
PAOC05	MW-1	05/01/90	VOC	Vinyl Chloride	75-01-4	7.50E-02	2.0E-03	**3.8E+01**	2.0E-03	**3.8E+01**	1.1E+00	6.8E-02	1.3E+01	5.8E-03	1.0E+00	7.5E-02
PAOC05	MW-1	03/11/93	VOC	Benzene	71-43-2	3.00E+00	5.0E-03	**6.0E+02**	5.0E-03	**6.0E+02**	5.6E+00	5.4E-01	3.5E+01	8.6E-02	1.1E+01	2.7E-01
PAOC05	MW-1	01/10/94	VOC	Benzene	71-43-2	2.60E+00	5.0E-03	**5.2E+02**	5.0E-03	**5.2E+02**	5.6E+00	4.6E-01	3.5E+01	7.4E-02	1.1E+01	2.4E-01
PAOC05	MW-1	01/10/94	VOC	Benzene	71-43-2	2.70E+00	5.0E-03	**5.4E+02**	5.0E-03	**5.4E+02**	5.6E+00	4.8E-01	3.5E+01	7.7E-02	1.1E+01	2.5E-01
PAOC05	MW-3	05/01/90	VOC	Benzene	71-43-2	5.30E-03	5.0E-03	**1.1E+00**	5.0E-03	**1.1E+00**	5.6E+00	9.5E-04	3.5E+01	1.5E-04	1.1E+01	4.8E-04
PAOC05	MW-3	05/01/90	VOC	Vinyl Chloride	75-01-4	1.20E-02	2.0E-03	**6.0E+00**	2.0E-03	**6.0E+00**	1.1E+00	1.1E-02	1.3E+01	9.2E-04	1.0E+00	1.2E-02
PAOC05	MW-33-07	01/09/08	INORG	Aluminum	7429-90-5	9.29E-01	3.0E-01	**3.1E+00**	4.1E+00	2.3E-01					6.4E+04	1.5E-05
PAOC05	MW-33-07	01/09/08	INORG	Vanadium	7440-62-2	7.20E-03	4.5E-03	**1.6E+00**	6.2E-02	1.2E-01					9.7E+02	7.4E-06
PAOC05	MW-34-07	01/08/08	INORG	Aluminum	7429-90-5	3.66E-01	3.0E-01	**1.2E+00**	4.1E+00	8.9E-02					6.4E+04	5.7E-06
PAOC05	MW-37-07	01/08/08	SVOC	Benzo(a)pyrene	50-32-8	6.40E-04	5.0E-03	1.3E-01	5.0E-03	1.3E-01					1.0E-03	6.4E-01
PAOC05	MW-37-07	01/08/08	SVOC	Benzo(b)fluoranthene	205-99-2	1.20E-03	1.5E-03	8.0E-01	1.5E-03	8.0E-01					1.5E-03	8.0E-01
PAOC05	MW-6	01/10/94	VOC	Benzene	71-43-2	9.70E-01	5.0E-03	**1.9E+02**	5.0E-03	**1.9E+02**	5.6E+00	1.7E-01	3.5E+01	2.8E-02	1.1E+01	8.8E-02
PAOC05	MW-6	02/01/94	VOC	Benzene	71-43-2	1.40E-02	5.0E-03	**2.8E+00**	5.0E-03	**2.8E+00**	5.6E+00	2.5E-03	3.5E+01	4.0E-04	1.1E+01	1.3E-03
PAOC05	PW-1 #1	11/01/90	VOC	Benzene	71-43-2	1.30E+01	5.0E-03	**2.6E+03**	5.0E-03	**2.6E+03**	5.6E+00	**2.3E+00**	3.5E+01	3.7E-01	1.1E+01	**1.2E+00**
PAOC05	PW-1 #1	11/01/90	VOC	Ethyl Benzene	100-41-4	1.70E+00	7.0E-01	**2.4E+00**	7.0E-01	**2.4E+00**	1.1E+02	1.5E-02	1.7E+02	1.0E-02	1.7E+02	1.0E-02
PAOC05	PW-1 #1	11/01/90	VOC	Toluene	108-88-3	1.80E+01	1.0E+00	**1.8E+01**	1.0E+00	**1.8E+01**	5.3E+02	3.4E-02	5.3E+02	3.4E-02	5.3E+02	3.4E-02
PAOC05	PW-1 #1	11/01/90	VOC	Xylenes (total)	1330-20-7	1.60E+01	1.0E+01	**1.6E+00**	1.0E+01	**1.6E+00**	1.9E+02	8.4E-02	1.9E+02	8.4E-02	1.9E+02	8.4E-02
PAOC05	PW-1 #2	11/01/90	VOC	Benzene	71-43-2	1.40E+01	5.0E-03	**2.8E+03**	5.0E-03	**2.8E+03**	5.6E+00	**2.5E+00**	3.5E+01	4.0E-01	1.1E+01	**1.3E+00**
PAOC05	PW-1 #2	11/01/90	VOC	Ethyl Benzene	100-41-4	2.10E+00	7.0E-01	**3.0E+00**	7.0E-01	**3.0E+00**	1.1E+02	1.9E-02	1.7E+02	1.2E-02	1.7E+02	1.2E-02
PAOC05	PW-1 #2	11/01/90	VOC	Toluene	108-88-3	2.00E+01	1.0E+00	**2.0E+01**	1.0E+00	**2.0E+01**	5.3E+02	3.8E-02	5.3E+02	3.8E-02	5.3E+02	3.8E-02
PAOC05	PW-1 #2	11/01/90	VOC	Xylenes (total)	1330-20-7	1.60E+01	1.0E+01	**1.6E+00**	1.0E+01	**1.6E+00**	1.9E+02	8.4E-02	1.9E+02	8.4E-02	1.9E+02	8.4E-02
PAOC05	PW-1 #3	11/01/90	VOC	Benzene	71-43-2	1.30E+01	5.0E-03	**2.6E+03**	5.0E-03	**2.6E+03**	5.6E+00	**2.3E+00**	3.5E+01	3.7E-01	1.1E+01	**1.2E+00**
PAOC05	PW-1 #3	11/01/90	VOC	Ethyl Benzene	100-41-4	1.40E+00	7.0E-01	**2.0E+00**	7.0E-01	**2.0E+00**	1.1E+02	1.3E-02	1.7E+02	8.2E-03	1.7E+02	8.2E-03
PAOC05	PW-1 #3	11/01/90	VOC	Toluene	108-88-3	1.80E+01	1.0E+00	**1.8E+01**	1.0E+00	**1.8E+01**	5.3E+02	3.4E-02	5.3E+02	3.4E-02	5.3E+02	3.4E-02
PAOC05	PW-1 #3	11/01/90	VOC	Xylenes (total)	1330-20-7	1.60E+01	1.0E+01	**1.6E+00**	1.0E+01	**1.6E+00**	1.9E+02	8.4E-02	1.9E+02	8.4E-02	1.9E+02	8.4E-02
PAOC05	PW-1 #4	11/01/90	VOC	Benzene	71-43-2	1.20E+01	5.0E-03	**2.4E+03**	5.0E-03	**2.4E+03**	5.6E+00	**2.1E+00**	3.5E+01	3.4E-01	1.1E+01	**1.1E+00**
PAOC05	PW-1 #4	11/01/90	VOC	Ethyl Benzene	100-41-4	1.30E+00	7.0E-01	**1.9E+00**	7.0E-01	**1.9E+00**	1.1E+02	1.2E-02	1.7E+02	7.6E-03	1.7E+02	7.6E-03

Table 2b: Exceedance Summary for Groundwater
Pontiac Validation Center, Pontiac, Michigan

Area	Location	Sample Date	Chem Group	Chemical	CASRN	Conc (mg/L)	Residential DWC (mg/L)	Ratio of Max Detect to Res DWC	Industrial DWC (mg/L)	Ratio of Max Detect to Ind DWC	Residential GVIIC (mg/L)	Ratio of Max Detect to Res GVIIC	Industrial GVIIC (mg/L)	Ratio of Max Detect to Ind GVIIC	GCC (mg/L)	Ratio of Max Detect to GCC
PAOC05	PW-1 #4	11/01/90	VOC	Toluene	108-88-3	1.70E+01	1.0E+00	**1.7E+01**	1.0E+00	**1.7E+01**	5.3E+02	3.2E-02	5.3E+02	3.2E-02	5.3E+02	3.2E-02
PAOC05	PW-1 #4	11/01/90	VOC	Xylenes (total)	1330-20-7	1.50E+01	1.0E+01	**1.5E+00**	1.0E+01	**1.5E+00**	1.9E+02	7.9E-02	1.9E+02	7.9E-02	1.9E+02	7.9E-02
PAOC05	PW-1 #5	11/01/90	VOC	Benzene	71-43-2	1.30E+01	5.0E-03	**2.6E+03**	5.0E-03	**2.6E+03**	5.6E+00	**2.3E+00**	3.5E+01	3.7E-01	1.1E+01	**1.2E+00**
PAOC05	PW-1 #5	11/01/90	VOC	Ethyl Benzene	100-41-4	2.00E+00	7.0E-01	**2.9E+00**	7.0E-01	**2.9E+00**	1.1E+02	1.8E-02	1.7E+02	1.2E-02	1.7E+02	1.2E-02
PAOC05	PW-1 #5	11/01/90	VOC	Toluene	108-88-3	2.20E+01	1.0E+00	**2.2E+01**	1.0E+00	**2.2E+01**	5.3E+02	4.2E-02	5.3E+02	4.2E-02	5.3E+02	4.2E-02
PAOC05	PW-1 #5	11/01/90	VOC	Xylenes (total)	1330-20-7	1.60E+01	1.0E+01	**1.6E+00**	1.0E+01	**1.6E+00**	1.9E+02	8.4E-02	1.9E+02	8.4E-02	1.9E+02	8.4E-02
PAOC10	MW-35-07	01/08/08	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	6.90E-03	6.0E-03	**1.2E+00**	6.0E-03	**1.2E+00**					3.2E-01	2.2E-02
PAOC10	MW-35-07	01/09/08	INORG	Aluminum	7429-90-5	9.27E-01	3.0E-01	**3.1E+00**	4.1E+00	2.3E-01					6.4E+04	1.4E-05
PAOC10	MW-35-07	01/09/08	INORG	Arsenic	7440-38-2	4.93E-02	1.0E-02	**4.9E+00**	1.0E-02	**4.9E+00**					4.3E+00	1.1E-02
PAOC10	MW-35-07	01/09/08	INORG	Vanadium	7440-62-2	4.88E-02	4.5E-03	**1.1E+01**	6.2E-02	7.9E-01					9.7E+02	5.0E-05

Note:

See notes on Table 2a.

Table 3a: Upper-Bound Cumulative Cancer Risk and HI estimates for Potential Soil Exposures Pontiac Validation Center, Pontiac, Michigan							
Routine Worker Contact		**Industrial Vapor Intrusion**		**Maintenance Worker Contact**		**Construction Worker Contact**	
Risk	**HI**	**Risk**	**HI**	**Risk**	**HI**	**Risk**	**HI**
5E-05	**4E+01**	7E-05	**7E+02**	4E-06	**6E+00**	8E-06	**2E+02**
Notes:							
Upper-bound cancer risk and HI estimates are based on the maximum detected concentrations of each constituent in soil at the Site.							
Values in bold and shaded in gray exceed USEPA's cumulative cancer risk or HI limits of 1E-4 and 1, respectively.							
Routine worker estimates assume exposure for 250 days/year for 25 years.							
Maintenance worker estimates assume exposure for 30 days/year for 10 years.							
Construction worker estimates assume exposure for 250 days/year for 1 year.							

Table 3b: High-End Cumulative Cancer Risk and HI Estimates for Potential Soil Exposures
Pontiac Validation Center, Pontiac, Michigan

Routine Worker Contact		Industrial Vapor Intrusion		Maintenance Worker Contact		Construction Worker Contact	
Risk	**HI**	**Risk**	**HI**	**Risk**	**HI**	**Risk**	**HI**
3E-05	5E-01	5E-05	1E+00	3E-06	3E-01	4E-06	**2E+00**
Notes:							
Values in bold and shaded in gray exceed the USEPA's cumulative cancer risk or HI limits of 1E-4 and 1, respectively.							
High-end cancer risk and HI estimates are based on the maximum detected concentrations of each constituent in soil at the Site except as follows:							
Results from the following samples: "Floor 1","West Wall 1","North Wall 1","North Wall 2","A 14-15","S-6318-062895-DJC-E005","S-6318-063095-DJC-E012","S-6318-063095-DJC-E013","S-6318-063095-DJC-E014","S-6318-070695-DJC-E017","S-6318-070695-DJC-E018","S-6318-071495-EVD-031","S-6318-071495-EVD-032","SS-8-A-Side-Area1","SS-9-A","S-6318-070595-DJC-E016", and "C 14-15" were removed from the calculations.							
Routine worker, maintenance worker, and construction worker risk estimates included 95% Upper Confidence Limits on the mean (95% UCLs) for naphthalene, PCBs (total), manganese, and mercury.							
Vapor intrusion risk estimates included the vertically averaged concentration for 1,2,4-trimethylbenzene from location MW-33-07.							
Routine worker estimates assume exposure for 250 days/year for 25 years.							
Maintenance worker estimates assume exposure for 30 days/year for 10 years.							
Construction worker estimates assume exposure for 250 days/year for 1 year.							

Table 3c: High-End Noncancer Risk Estimates for the Construction Worker
Exposure to Soil: Critical Effects Summary
Pontiac Validation Center, Pontiac, Michigan

Chem Group	Chemical	CASRN	Most Significant Pathway	Critical Effects	HQ
SVOC	Naphthalene	91-20-3	Vapor Inhalation	Nasal effects: hyperplasia and metaplasia in respiratory and olfactory epithelium, respectively	2E-01
PCB	PCBs (total)	1336-36-3	Ingerstion	Neurological	3E-01
INORG	Manganese	7439-96-5	Particulate Inhalation	Impairment of neurobehavioral function	5E-01
VARIOUS	Remaining Chemicals	Various	Various	Various	6E-01
References:					
USEPA. Integrated Risk Information System (IRIS). On-line database.					
ATSDR. 2007. Minimal Risk Levels. November.					

Table 4: Upper-Bound Cumulative Cancer Risk and HI Estimates for Potential Groundwater Exposure Pontiac Validation Center, Pontiac, Michigan					
Industrial Vapor Intrusion		**Maintenance Worker Contact**		**Construction Worker Contact**	
Risk	**HI**	**Risk**	**HI**	**Risk**	**HI**
2E-05	4E-01	4E-05	1E+00	4E-06	5E-01
Notes:					
Upper-bound cancer risk and HI estimates are based on the maximum detected					
concentrations of each constituent in soil at the Site.					
Maintenance worker estimates assume exposure for 5 days/year for 10 years.					
Construction worker estimates assume exposure for 5 days/year for 1 year.					

Table 5: Cumulative Cancer Risk and HI Estimates for Exposure to NAPL
Pontiac Validation Center, Pontiac, MI

Recptor	Cumulative Cancer Risk	HI
Routine Worker Vapor Intursion	3E-07	4E-01
Maintenance Worker Contact	3E-06	**4E+00**
Notes:		
Values in bold and shaded in gray exceed the USEPA's cumulative cancer risk or HI limits of 1E-4 and 1, respectively.		
Direct contact expoure routes include dermal contact with, and inhalation of vapors from NAPL.		

0 150 300ft

APPROXIMATE SCALE

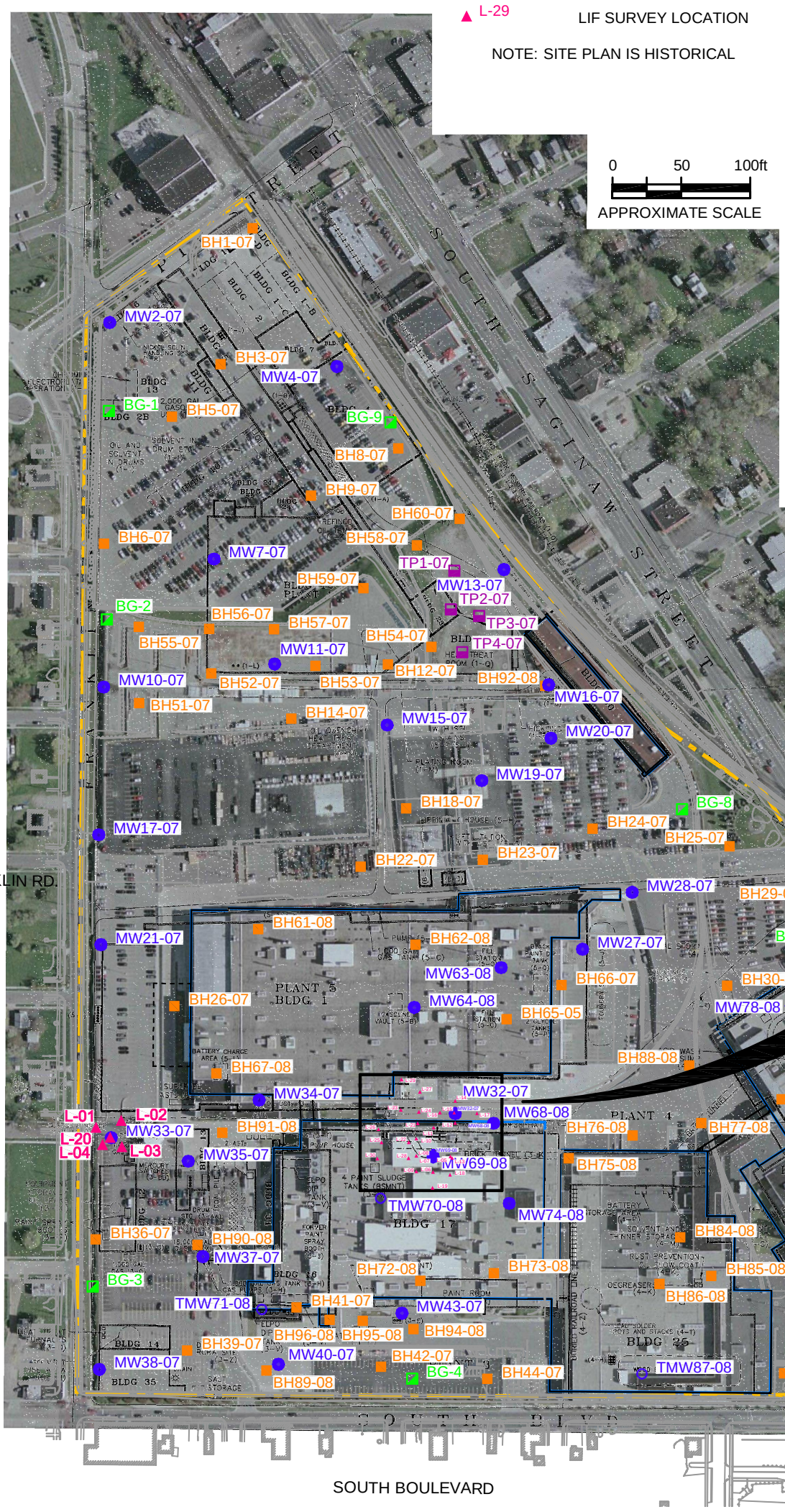
LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- TP1-07 — TEST PIT LOCATION
- MW4-07 — MONITORING WELL LOCATION
- TMW71-08 — TEMPORARY MONITORING WELL LOCATION
- BH8-07 — SOIL BORING LOCATION
- BG-9 — BACKGROUND SAMPLE SOIL BORING LOCATION
- L-29 — LIF SURVEY LOCATION

NOTE: SITE PLAN IS HISTORICAL

0 50 100ft

APPROXIMATE SCALE

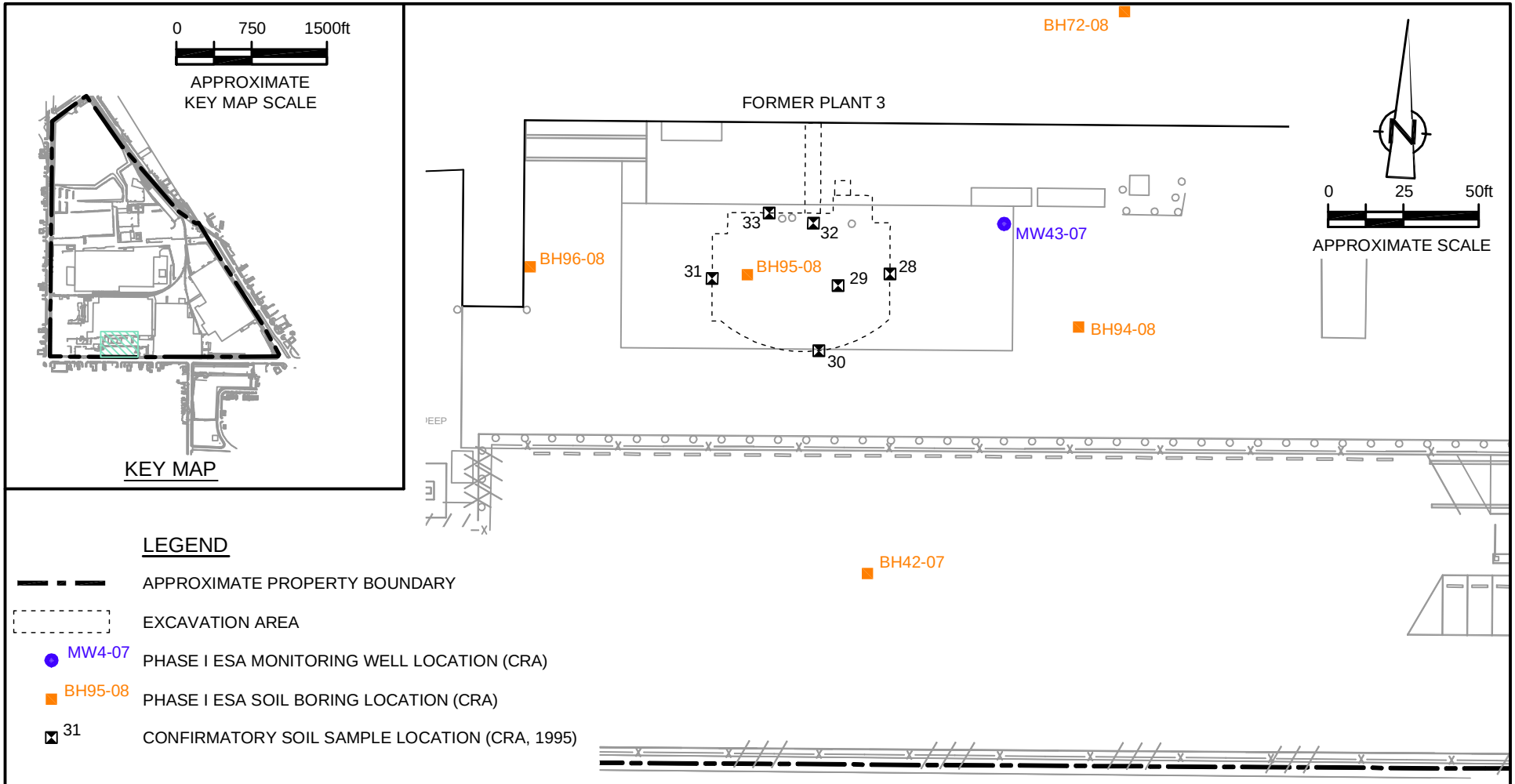


HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

figure 1

COMPLETED SOIL BORING LOCATIONS
GENERAL MOTORS PONTIAC CENTERPOINT CAMPUS
VALIDATION CENTER
200 South Boulevard West, Pontiac, Michigan

17322-05(PRES009)GN-WA001 DEC 19/2008



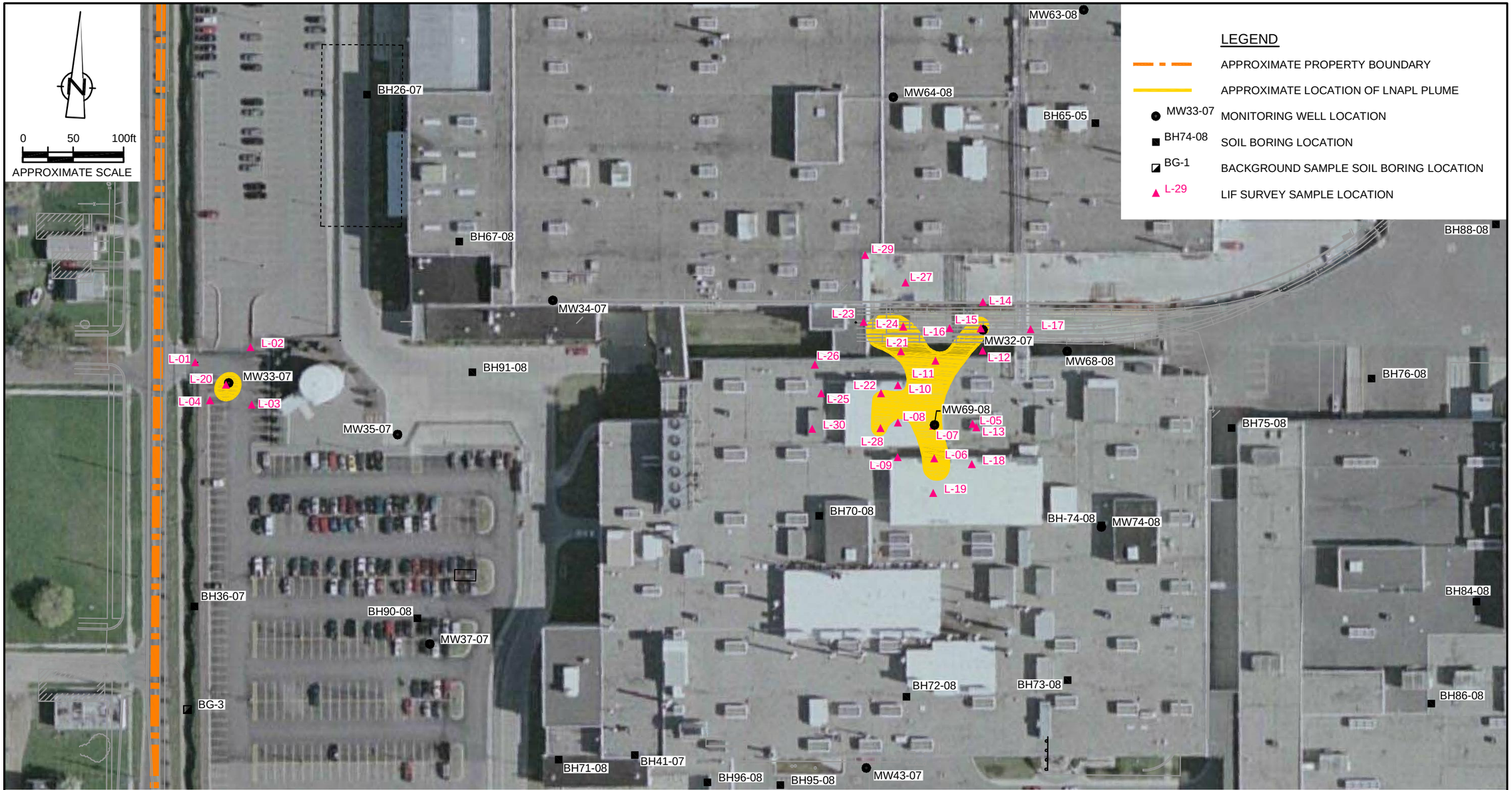
HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

SOURCE: GIFFELS ASSOCIATES, INC., FEBRUARY 27, 1995

NOTES:
1. SITE PLAN IS HISTORICAL
2. RMT 1989 SAMPLE LOCATIONS ARE NOT KNOWN

figure 2

SUSPECTED GENERAL AREA OF HISTORIC XYLENE SOIL IMPACTS (RMT INVESTIGATION)
GENERAL MOTORS PONTIAC CENTERPOINT CAMPUS VALIDATION CENTER
200 South Boulevard West, Pontiac, Michigan



HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

NOTE: SITE PLAN IS HISTORICAL

figure 3

LIF INVESTIGATION LOCATIONS
GENERAL MOTORS PONTIAC CENTERPOINT CAMPUS
VALIDATION CENTER
200 South Boulevard West, Pontiac, Michigan

17322-05(PRES009)GN-WA003 DEC 19/2008

Table 1b: Exceedance Summary for Soil
Pontiac Validation Center, Pontiac, Michigan

Area	Location	Top Depth (ft)	Bottom Depth (ft)	Sample Date	Chem Group	Chemical	CASRN	Conc (mg/kg)	Site Specific Background (mg/kg)	Residential SVIIC (mg/kg)	Ratio of Conc to Res SVIIC	Residential VSIC (mg/kg)	Ratio of Conc to Res VSIC	Residential PSIC (mg/kg)	Ratio of Conc to Res PSIC	Residential DCC (mg/kg)	Ratio of Conc to Res DCC	Industrial SVIIC (mg/kg)	Ratio of Conc to Ind SVIIC	Industrial VSIC (mg/kg)	Ratio of Conc to Ind VSIC	Industrial PSIC (mg/kg)	Ratio of Conc to Ind PSIC	Industrial II DCC (mg/kg)	Ratio of Conc to Industrial II DCC
Background	BG-06	7	9	03/07/08	INORG	Manganese	7439-96-5	4.11E+03	4.40E+02					3.3E+03	**1.1E+00**	2.5E+04	1.5E-01					1.5E+03	**2.4E+00**	9.0E+04	4.1E-02
PAOC02	MW-74-08	0	2	03/14/08	VOC	1,1-Dichloroethene	75-35-4	1.10E-01		6.2E-02	**1.8E+00**	1.1E+00	1.0E-01	6.2E+04	1.8E-06	2.0E+02	5.5E-04	3.3E-01	3.3E-01	3.7E+00	3.0E-02	7.8E+04	1.4E-06	5.7E+02	1.9E-04
PAOC02	MW-74-08	8	10	03/14/08	VOC	1,1-Dichloroethene	75-35-4	2.60E-01		6.2E-02	**4.2E+00**	1.1E+00	2.4E-01	6.2E+04	4.2E-06	2.0E+02	1.3E-03	3.3E-01	7.9E-01	3.7E+00	7.0E-02	7.8E+04	3.3E-06	5.7E+02	4.6E-04
PAOC02	MW-74-08	8	10	03/14/08	VOC	Trichloroethene	79-01-6	7.60E+00		7.1E+00	**1.1E+00**	7.8E+01	9.7E-02	1.8E+06	4.2E-06	5.0E+02	1.5E-02	3.7E+01	2.1E-01	2.6E+02	2.9E-02	2.3E+06	3.3E-06	5.0E+02	1.5E-02
PAOC04	BH-92-08	7.5	9.5	03/14/08	INORG	Arsenic	7440-38-2	1.21E+01						7.2E+02	1.7E-02	7.6E+00	**1.6E+00**					9.1E+02	1.3E-02	3.7E+01	3.3E-01
PAOC05	BH-36-07	0	2	12/03/07	SVOC	Benzo(a)pyrene	50-32-8	2.60E+00						1.5E+03	1.7E-03	2.0E+00	**1.3E+00**					1.9E+03	1.4E-03	8.0E+00	3.3E-01
PAOC06	BH-47-07	17.5	20	10/09/07	INORG	Arsenic	7440-38-2	1.11E+01						7.2E+02	1.5E-02	7.6E+00	**1.5E+00**					9.1E+02	1.2E-02	3.7E+01	3.0E-01
PAOC12	MW-13-07	0	2	10/18/07	INORG	Lead	7439-92-1	4.46E+02						1.0E+05	4.5E-03	4.0E+02	**1.1E+00**					4.4E+04	1.0E-02	9.0E+02	5.0E-01
PAOC21	MW-28-07	0	2	10/17/07	INORG	Manganese	7439-96-5	2.27E+03	4.40E+02					3.3E+03	5.5E-01	2.5E+04	7.3E-02					1.5E+03	**1.2E+00**	9.0E+04	2.0E-02
PAOC22	BH-72-08	12	14	03/13/08	PCB	PCBs (total)	1336-36-3	2.20E+01		3.0E+03	7.3E-03	2.4E+02	9.2E-02	5.2E+03	4.2E-03	4.0E+00	**5.5E+00**	1.6E+04	1.4E-03	8.1E+02	2.7E-02	6.5E+03	3.4E-03	1.6E+01	**1.4E+00**

Notes:

Only constituents exceeding the listed MDEQ criteria are shown.

The concentrations for all polychlorinated biphenyls (PCBs) Aroclors were summed before comparing to the criteria for PCBs (total).

Background concentrations from MDEQ Part 201 (MDEQ 2006) were considered for manganese. The concentrations of all other constituents were assumed to be site-related.

Ratios of site-related concentration to the criteria greater than 1 are shaded in bold.

Chem Group - chemical group

SVIIC - MDEQ Soil Volatilization to Indoor Air Inhalation Criteria

VSIC - MDEQ Volatile Soil Inhalation Criteria (ambient air)

PSIC - MDEQ Particulate Soil Inhalation Criteria

DCC - MDEQ Direct Contact Criteria (mg/kg)

Table 2b: Exceedance Summary for Groundwater
Pontiac Validation Center, Pontiac, Michigan

Area	Location	Sample Date	Chem Group	Chemical	CASRN	Conc (mg/L)	Residential DWC (mg/L)	Ratio of Max Detect to Res DWC	Industrial DWC (mg/L)	Ratio of Max Detect to Ind DWC	Residential GVIIC (mg/L)	Ratio of Max Detect to Res GVIIC	Industrial GVIIC (mg/L)	Ratio of Max Detect to Ind GVIIC	GCC (mg/L)	Ratio of Max Detect to GCC
PAOC01	MW-11-07	11/27/07	INORG	Aluminum	7429-90-5	5.23E-01	3.0E-01	**1.7E+00**	4.1E+00	1.3E-01					6.4E+04	8.2E-06
PAOC01	MW-19-07	11/27/07	INORG	Aluminum	7429-90-5	4.63E-01	3.0E-01	**1.5E+00**	4.1E+00	1.1E-01					6.4E+04	7.2E-06
PAOC01	MW-2-07	11/28/07	VOC	Trichloroethene	79-01-6	5.10E-02	5.0E-03	**1.0E+01**	5.0E-03	**1.0E+01**	1.5E+01	3.4E-03	9.7E+01	5.3E-04	2.2E+01	2.3E-03
PAOC01	MW-2-07	11/28/07	PCB	PCBs (total)	1336-36-3	6.20E-04	5.0E-04	**1.2E+00**	5.0E-04	**1.2E+00**	4.5E-02	1.4E-02	4.5E-02	1.4E-02	3.3E-03	1.9E-01
PAOC01	MW-2-07	11/28/07	INORG	Manganese	7439-96-5	2.15E+00	8.6E-01	**2.5E+00**	2.5E+00	8.6E-01					9.1E+03	2.4E-04
PAOC02	MW-32-07	01/09/08	INORG	Aluminum	7429-90-5	3.25E-01	3.0E-01	**1.1E+00**	4.1E+00	7.9E-02					6.4E+04	5.1E-06
PAOC02	MW-48-07	04/08/08	INORG	Iron	7439-89-6	7.88E+00	2.0E+00	**3.9E+00**	5.6E+00	**1.4E+00**					5.8E+04	1.4E-04
PAOC02	MW-48-07	04/08/08	INORG	Iron	7439-89-6	7.67E+00	2.0E+00	**3.8E+00**	5.6E+00	**1.4E+00**					5.8E+04	1.3E-04
PAOC02	MW-63-08	04/07/08	INORG	Lead	7439-92-1	2.25E-02	4.0E-03	**5.6E+00**	4.0E-03	**5.6E+00**						
PAOC02	MW-68-08	04/07/08	INORG	Aluminum	7429-90-5	4.67E-01	3.0E-01	**1.6E+00**	4.1E+00	1.1E-01					6.4E+04	7.3E-06
PAOC02	MW-74-08	04/07/08	VOC	1,1-Dichloroethene	75-35-4	5.70E-02	7.0E-03	**8.1E+00**	7.0E-03	**8.1E+00**	2.0E-01	2.9E-01	1.3E+00	4.4E-02	1.1E+01	5.2E-03
PAOC02	MW-74-08	04/07/08	VOC	cis-1,2-Dichloroethene	156-59-2	7.60E-02	7.0E-02	**1.1E+00**	7.0E-02	**1.1E+00**	9.3E+01	8.2E-04	2.1E+02	3.6E-04	2.0E+02	3.8E-04
PAOC02	MW-74-08	04/07/08	VOC	1,1,1-Trichloroethane	71-55-6	1.00E+00	2.0E-01	**5.0E+00**	2.0E-01	**5.0E+00**	6.6E+02	1.5E-03	1.3E+03	7.7E-04	1.3E+03	7.7E-04
PAOC02	MW-74-08	04/07/08	VOC	Trichloroethene	79-01-6	2.10E+00	5.0E-03	**4.2E+02**	5.0E-03	**4.2E+02**	1.5E+01	1.4E-01	9.7E+01	2.2E-02	2.2E+01	9.5E-02
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(a)anthracene	56-55-3	3.40E-03	2.1E-03	**1.6E+00**	8.5E-03	4.0E-01					9.4E-03	3.6E-01
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(a)pyrene	50-32-8	3.30E-03	5.0E-03	6.6E-01	5.0E-03	6.6E-01					1.0E-03	**3.3E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(b)fluoranthene	205-99-2	4.10E-03	1.5E-03	**2.7E+00**	1.5E-03	**2.7E+00**					1.5E-03	**2.7E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(g,h,i)perylene	191-24-2	2.20E-03	1.0E-03	**2.2E+00**	1.0E-03	**2.2E+00**					1.0E-03	**2.2E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Benzo(k)fluoranthene	207-08-9	1.70E-03	1.0E-03	**1.7E+00**	1.0E-03	**1.7E+00**					1.0E-03	**1.7E+00**
PAOC02	MW-74-08	04/07/08	SVOC	Chrysene	218-01-9	3.30E-03	1.6E-03	**2.1E+00**	1.6E-03	**2.1E+00**					1.6E-03	**2.1E+00**
PAOC02	MW-74-08	04/07/08	INORG	Aluminum	7429-90-5	4.59E-01	3.0E-01	**1.5E+00**	4.1E+00	1.1E-01					6.4E+04	7.2E-06
PAOC03	MW-10-07	11/27/07	INORG	Aluminum	7429-90-5	6.44E-01	3.0E-01	**2.1E+00**	4.1E+00	1.6E-01					6.4E+04	1.0E-05
PAOC03	MW-10-07	11/27/07	INORG	Lead	7439-92-1	5.60E-03	4.0E-03	**1.4E+00**	4.0E-03	**1.4E+00**						
PAOC03	MW-10-07	11/27/07	INORG	Vanadium	7440-62-2	5.40E-03	4.5E-03	**1.2E+00**	6.2E-02	8.7E-02					9.7E+02	5.6E-06
PAOC05	MW-33-07	01/09/08	INORG	Aluminum	7429-90-5	9.29E-01	3.0E-01	**3.1E+00**	4.1E+00	2.3E-01					6.4E+04	1.5E-05
PAOC05	MW-33-07	01/09/08	INORG	Vanadium	7440-62-2	7.20E-03	4.5E-03	**1.6E+00**	6.2E-02	1.2E-01					9.7E+02	7.4E-06
PAOC05	MW-34-07	01/08/08	INORG	Aluminum	7429-90-5	3.66E-01	3.0E-01	**1.2E+00**	4.1E+00	8.9E-02					6.4E+04	5.7E-06
PAOC10	MW-35-07	01/08/08	SVOC	bis(2-Ethylhexyl)phthalate	117-81-7	6.90E-03	6.0E-03	**1.2E+00**	6.0E-03	**1.2E+00**					3.2E-01	2.2E-02
PAOC10	MW-35-07	01/09/08	INORG	Aluminum	7429-90-5	9.27E-01	3.0E-01	**3.1E+00**	4.1E+00	2.3E-01					6.4E+04	1.4E-05
PAOC10	MW-35-07	01/09/08	INORG	Arsenic	7440-38-2	4.93E-02	1.0E-02	**4.9E+00**	1.0E-02	**4.9E+00**					4.3E+00	1.1E-02
PAOC10	MW-35-07	01/09/08	INORG	Vanadium	7440-62-2	4.88E-02	4.5E-03	**1.1E+01**	6.2E-02	7.9E-01					9.7E+02	5.0E-05

Notes:

Only constituents exceeding the listed MDEQ criteria are shown.

The concentrations for all polychlorinated biphenyls (PCBs) Aroclors were summed before comparing to the criteria for PCBs (total).

Ratios of concentration to the criteria greater than 1 are shaded in bold.

Chem Group - chemical group

DWC - MDEQ Drinking Water Criteria

GVIIC - MDEQ Groundwater Volatilization to Indoor Air Inhalation Criteria

GCC - MDEQ Groundwater Contact Criteria

APPENDIX G

LNAPL CHARACTERIZATION

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

May 20, 2008

Denise Heckler, Project Manager
TestAmerica Laboratories, Inc.
4101 Shuffel Drive N.W.
North Canton, OH 44720

Dear Ms. Heckler:

Included are the results from the testing of material submitted on May 15, 2008 from the KM54H, F&BI 805139 project. The product sample submitted for forensic evaluation arrived in good condition. Upon arrival, the sample LNAPL-17322-040308-CB-001 was placed in a refrigerator maintained at 4°C until removed for sample processing.

The sample LNAPL-17322-040308-CB-001 was diluted and analyzed using a gas chromatograph with a flame ionization detector (GC/FID). The data generated yielded information on the boiling range and general chemical composition of the material present. The GC/FID traces are enclosed. A GC/FID trace of a standard consisting of normal alkanes is also provided for reference purposes.

Please contact us if additional consultation is needed by our firm in the interpretation of the analytical results provided. We appreciate this opportunity to be of service to you and hope you will call if you should have any questions. We will hold your samples for 30 days before disposal unless directed otherwise.

Sincerely,

FRIEDMAN & BRUYA, INC.

Kurt Johnson
Chemist

Enclosures
es/KJ
NAA0520R.DOC

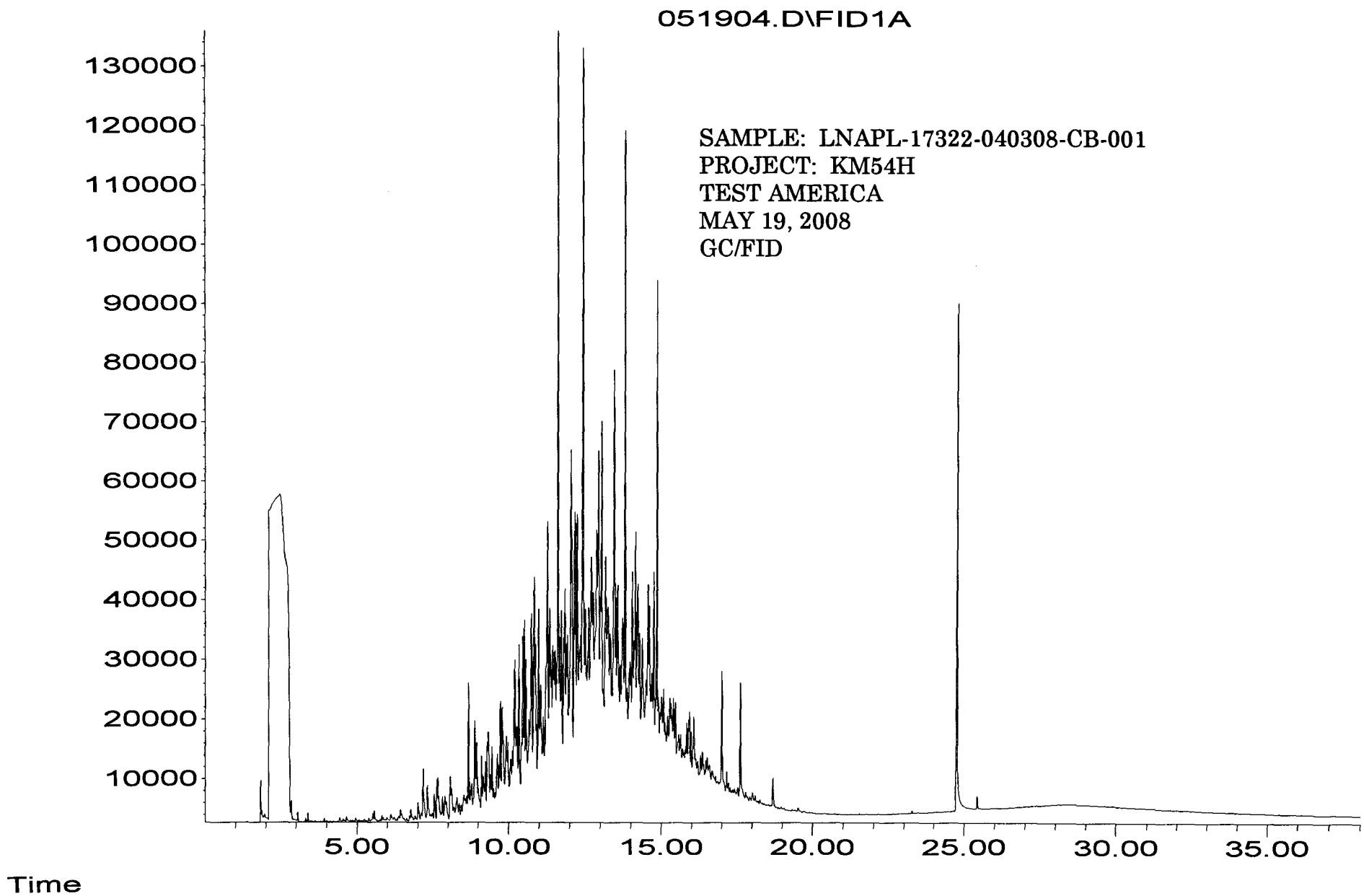
FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/20/08
Date Received: 05/15/08
Project: KM54H, F&BI 805139
Date Extracted: 05/19/08
Date Analyzed: 05/19/08

RESULTS FROM THE ANALYSIS OF THE PRODUCT SAMPLE FOR FORENSIC EVALUATION BY CAPILLARY GAS CHROMATOGRAPHY USING A FLAME IONIZATION DETECTOR (FID)

Sample ID	GC Characterization
LNAPL-17322-040308-CB-001	The GC trace using the flame ionization detector (FID) showed the presence of medium boiling compounds. The patterns displayed by these peaks are indicative of a middle distillate such as diesel fuel, kerosene or similar materials. The medium boiling compounds appear as an irregular pattern of peaks on top of a broad hump or unresolved complex mixture (UCM). This material elutes from *n*-C_{10} to *n*-C_{24} showing a maximum near *n*-C_{16}. This correlates with a temperature range of approximately 170°C to 390°C with a maximum near 290°C. Within this range, the dominant peaks present are indicative of isoprenoids including norpristane, pristane, and phytane. A discernible pattern of peaks characteristic of the normal alkanes was not present. The abundance of isoprenoids in conjunction with the apparent absence of normal alkanes indicates that the fuel present has undergone substantial biological degradation. The large peak seen near 25 minutes on the GC/FID trace is pentacosane, added as a quality assurance check for this GC analysis.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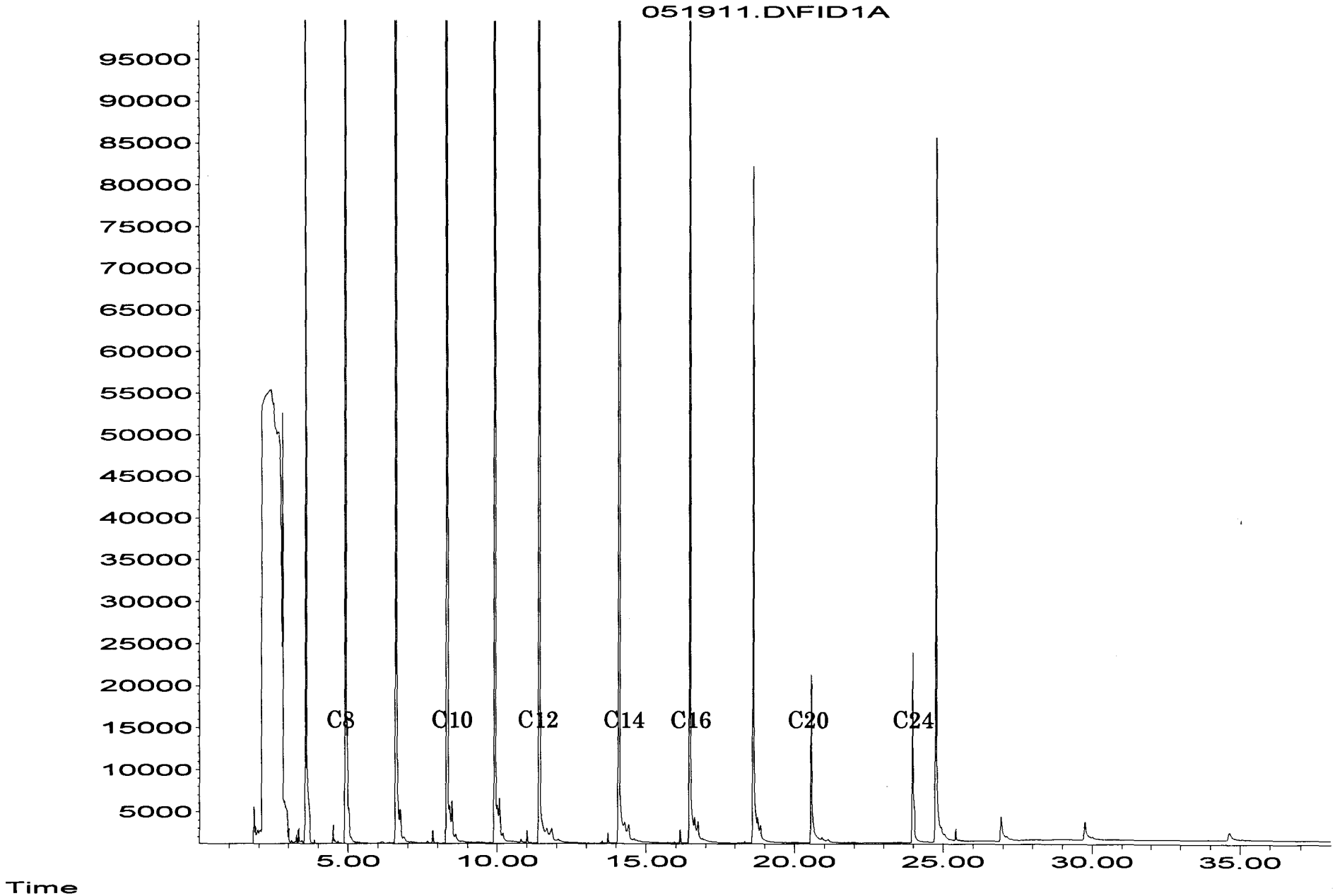
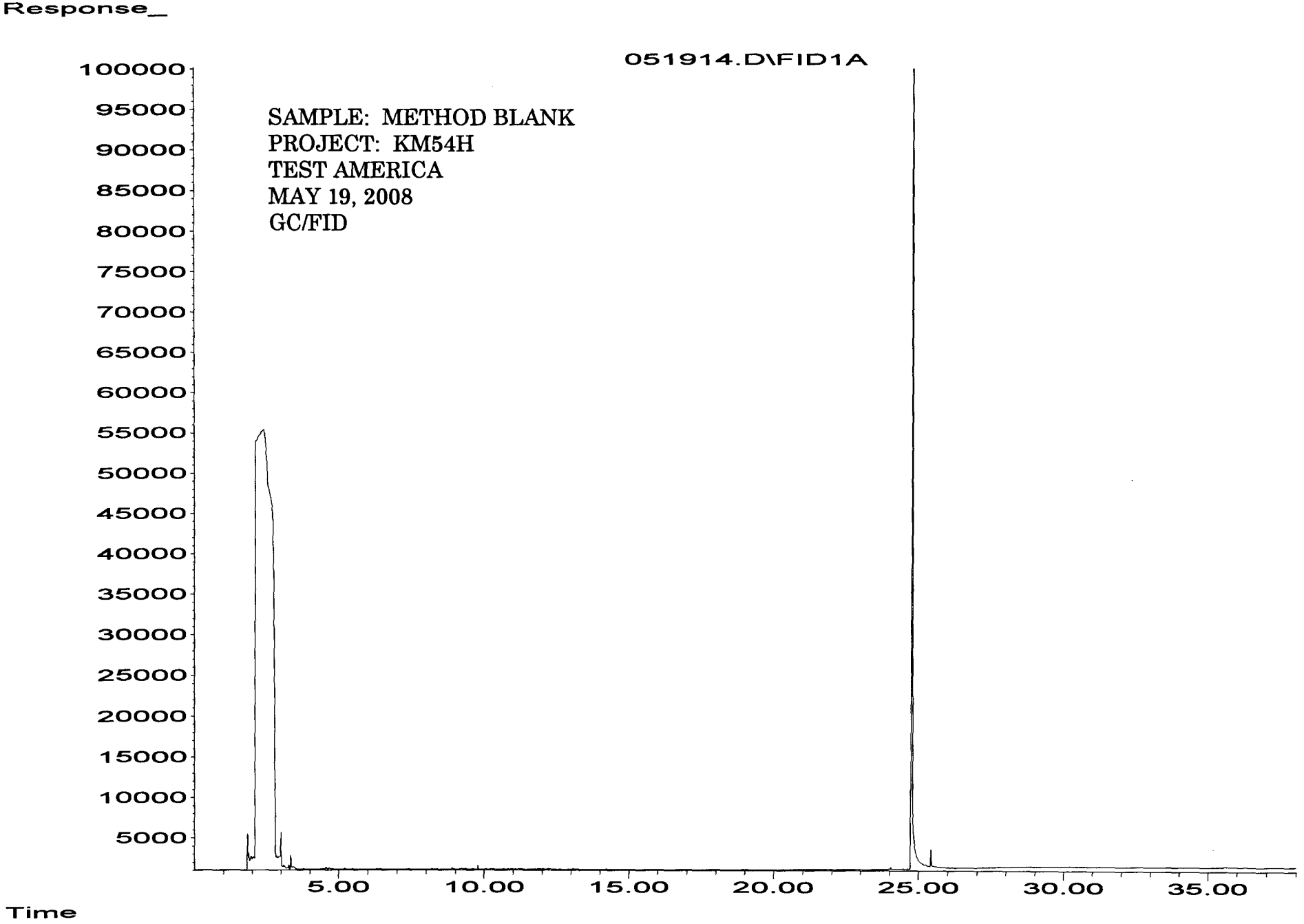
130000
120000
110000
100000
90000
80000
70000
60000
50000
40000
30000
20000
10000
SAMPLE: LNAPL-17322-040308-CB-001
PROJECT: KM54H
TEST AMERICA
MAY 19, 2008
GC/FID
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Time

N-ALKANE STANDARD
GC/FID




Response_
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SAMPLE: METHOD BLANK
PROJECT: KM54H
TEST AMERICA
MAY 19, 2008
GC/FID
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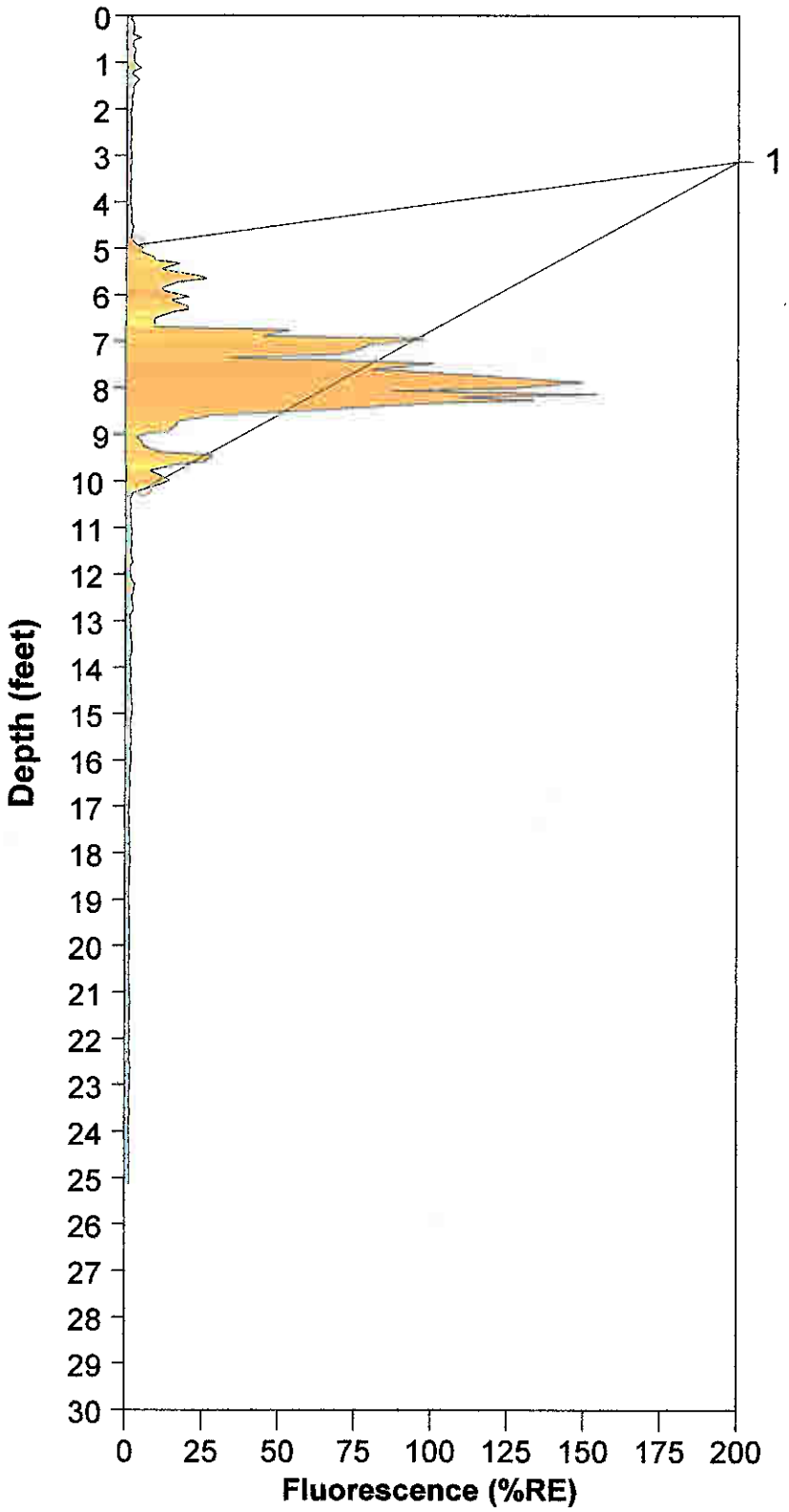
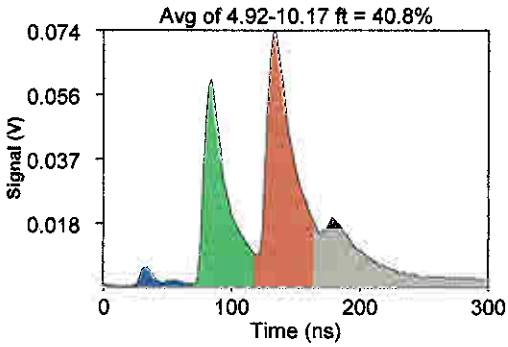
85000
80000
75000
70000
65000
60000
55000
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Time

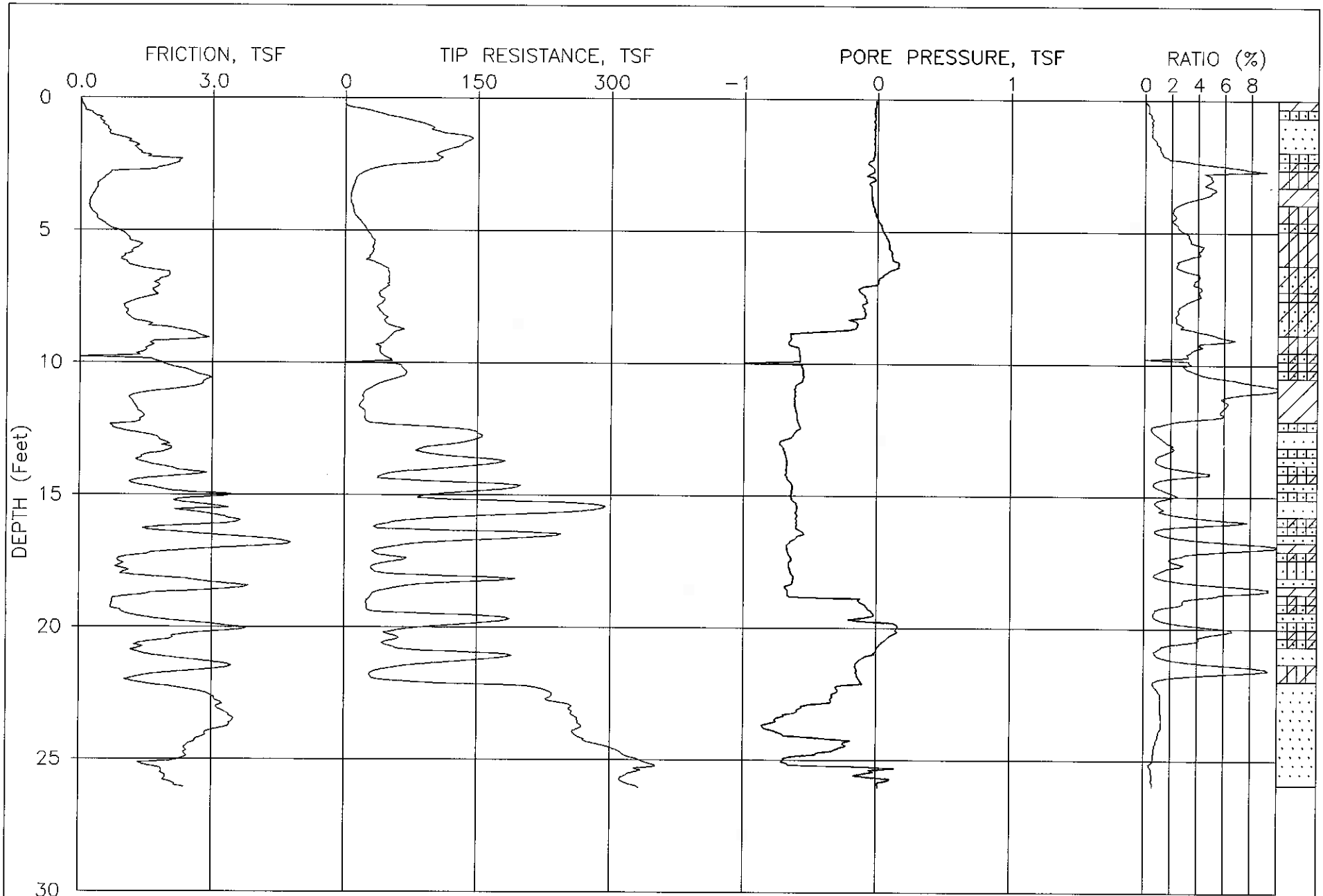
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 8:56:57 AM	Max fluorescence: 153.76% @ 8.13 ft
ROST Unit: III	Final depth BGS: 25.13 ft

L-24







JOB NUMBER: 04 1908−0024

CPT NUMBER: L−24

DATE: 04−30−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

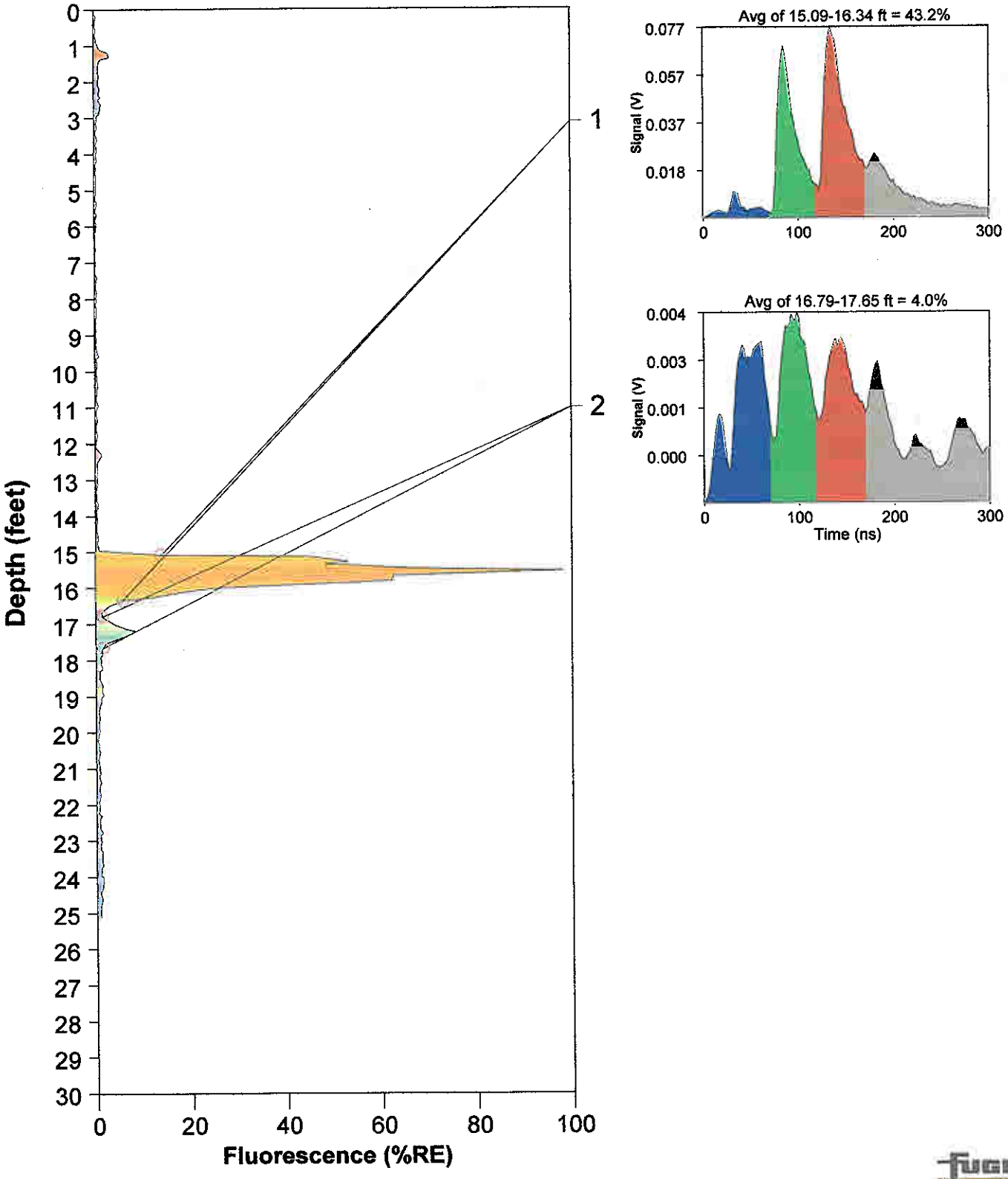
PLATE: 1 OF 1

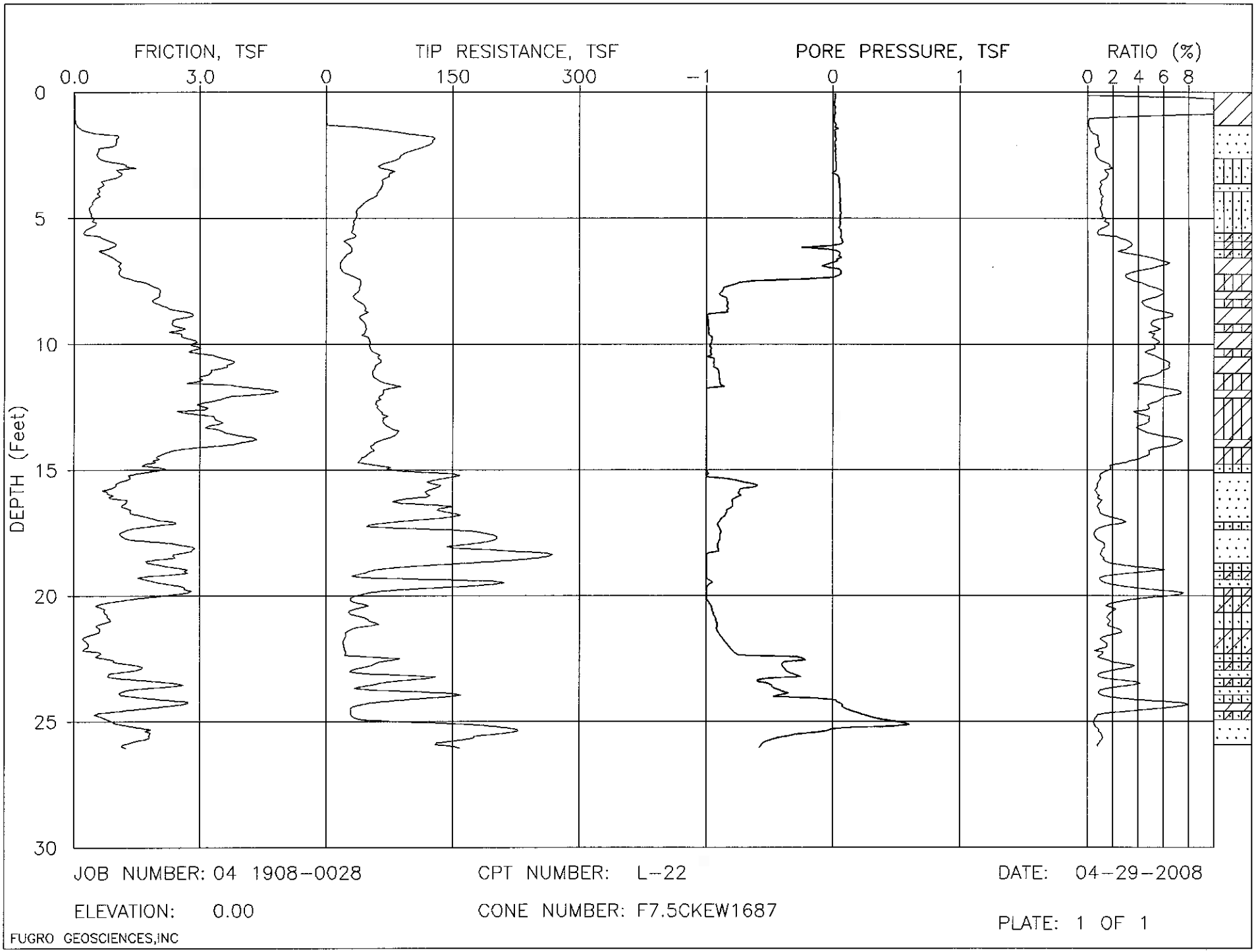
FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 4:30:27 PM	Max fluorescence: 98.06% @ 15.55 ft
ROST Unit: III	Final depth BGS: 25.13 ft

L-22





JOB NUMBER: 04 1908-0028

CPT NUMBER: L-22

DATE: 04-29-2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

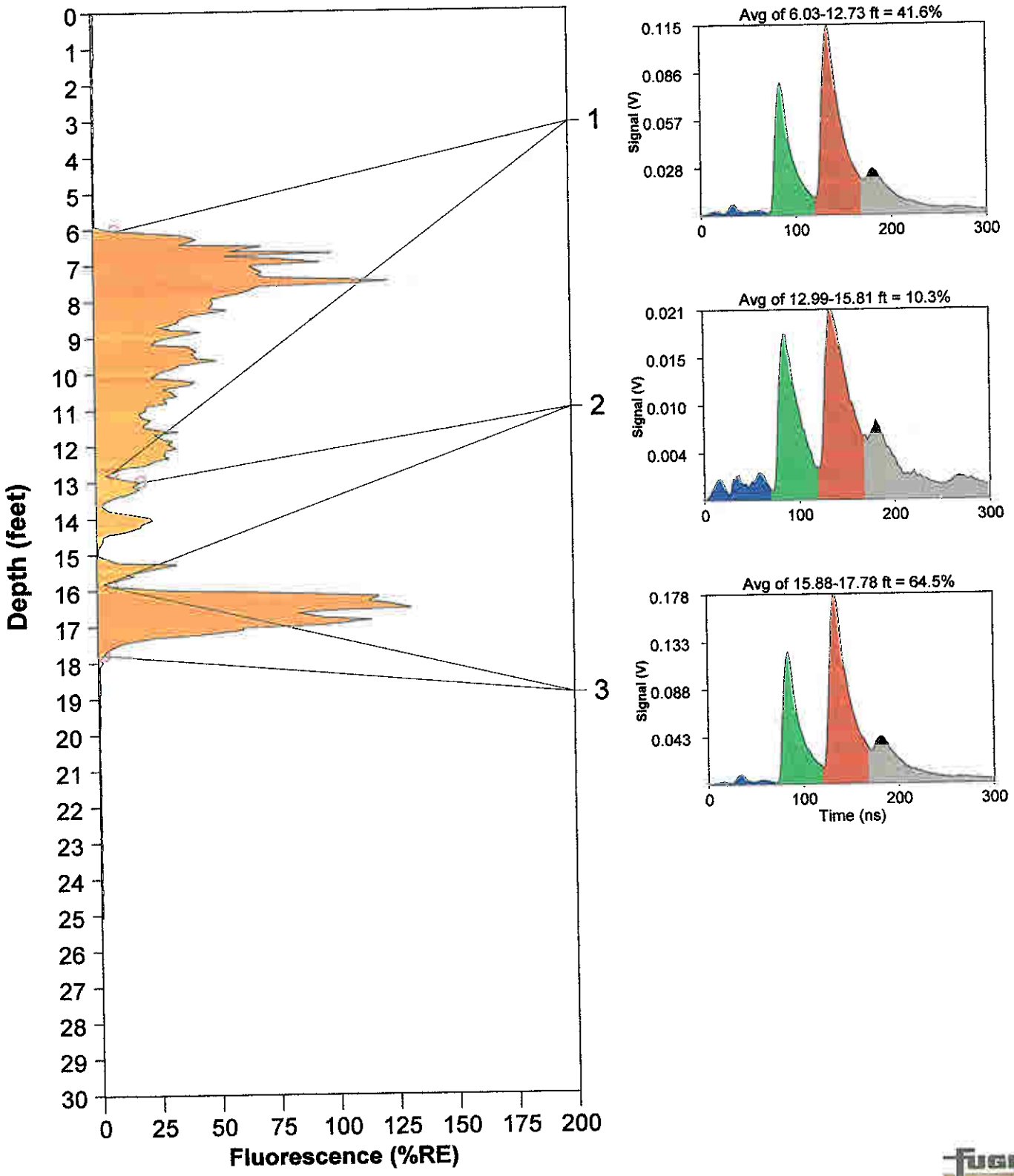
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

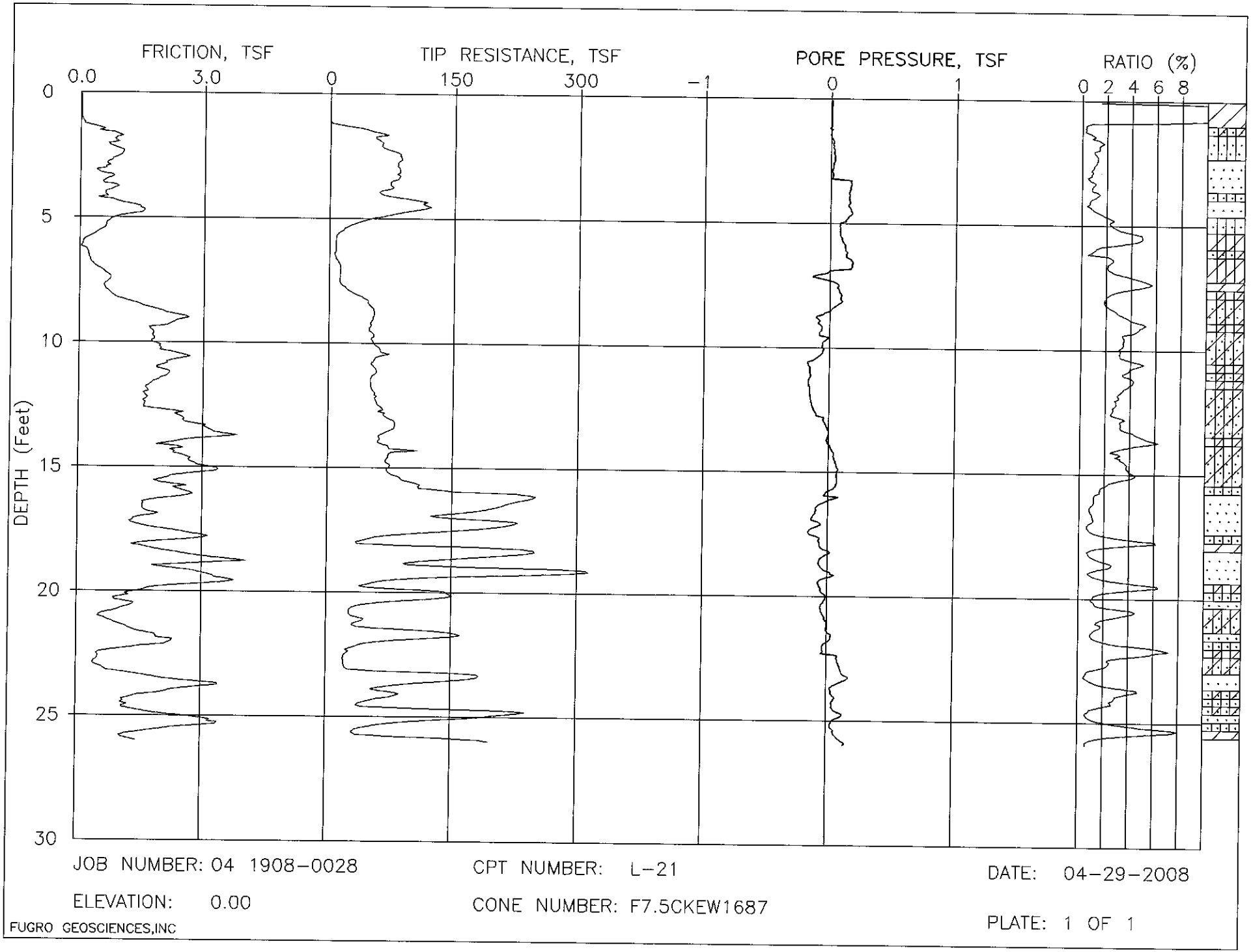
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 3:59:14 PM	Max fluorescence: 131.96% @ 16.53 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-21



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com



JOB NUMBER: 04 1908−0028

CPT NUMBER: L−21

DATE: 04−29−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

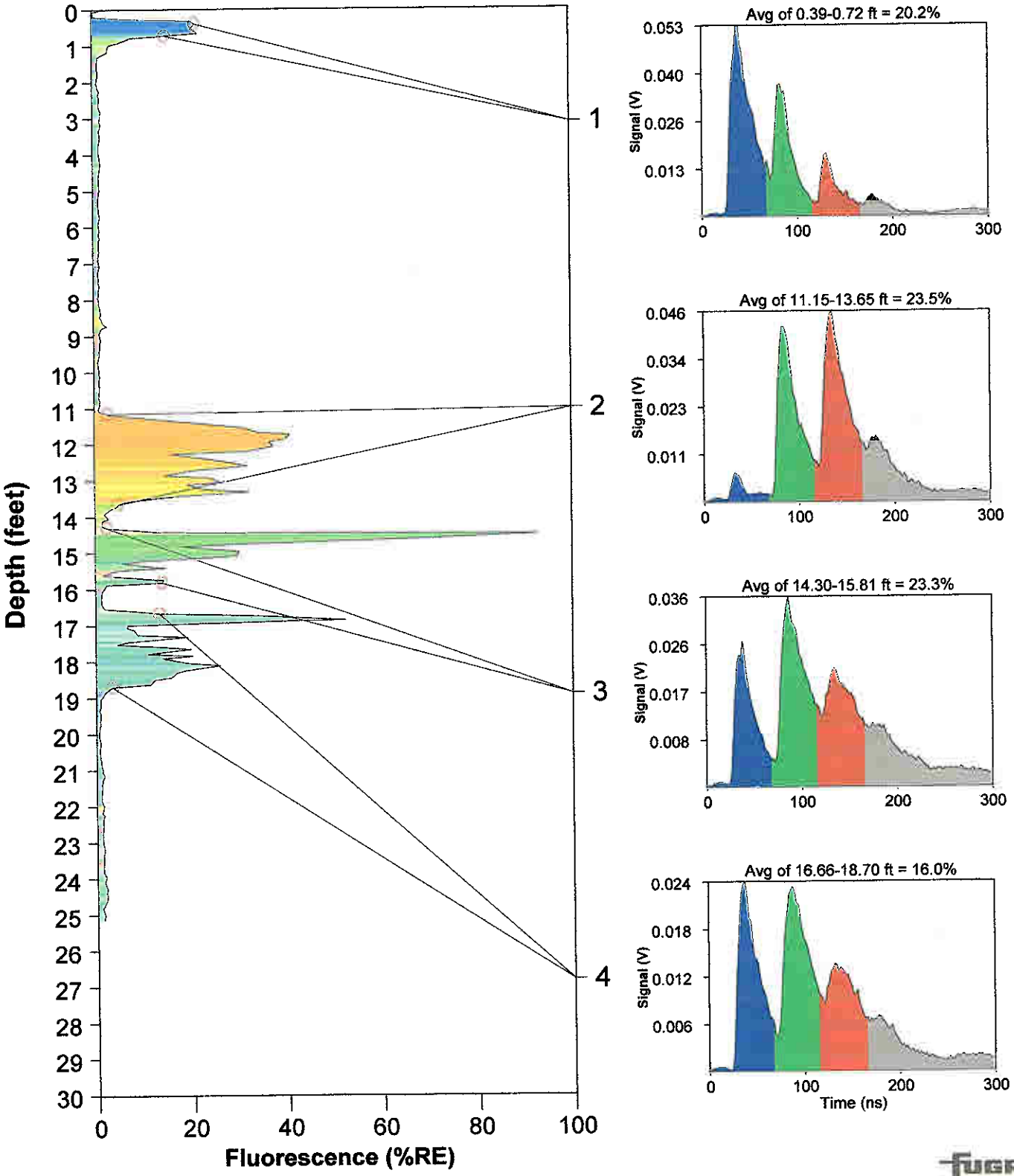
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

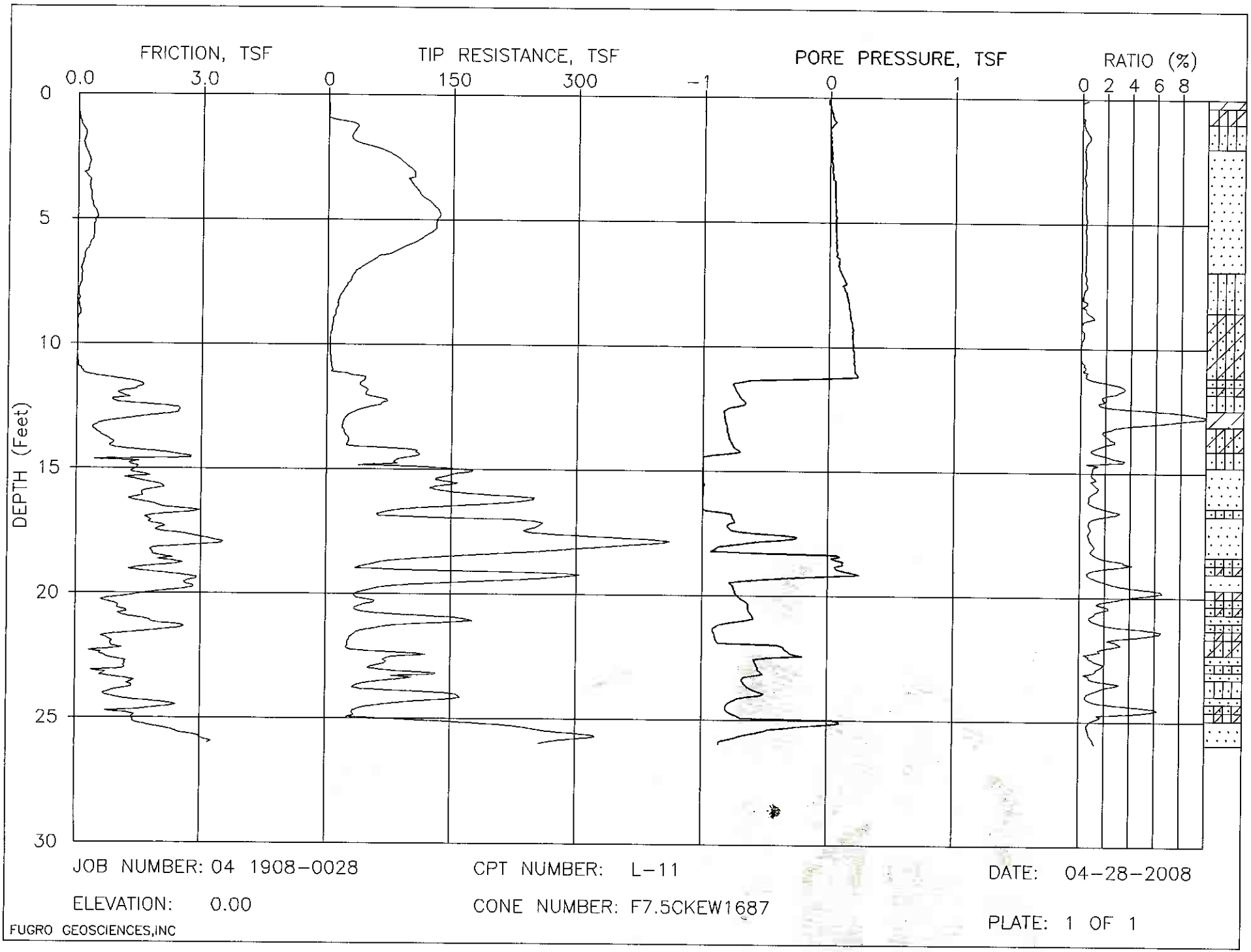
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 4:30:25 PM	Max fluorescence: 92.74% @ 14.50 ft
ROST Unit: III	Final depth BGS: 25.13 ft

L-11



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com



JOB NUMBER: 04 1908-0028

CPT NUMBER: L-11

DATE: 04-28-2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

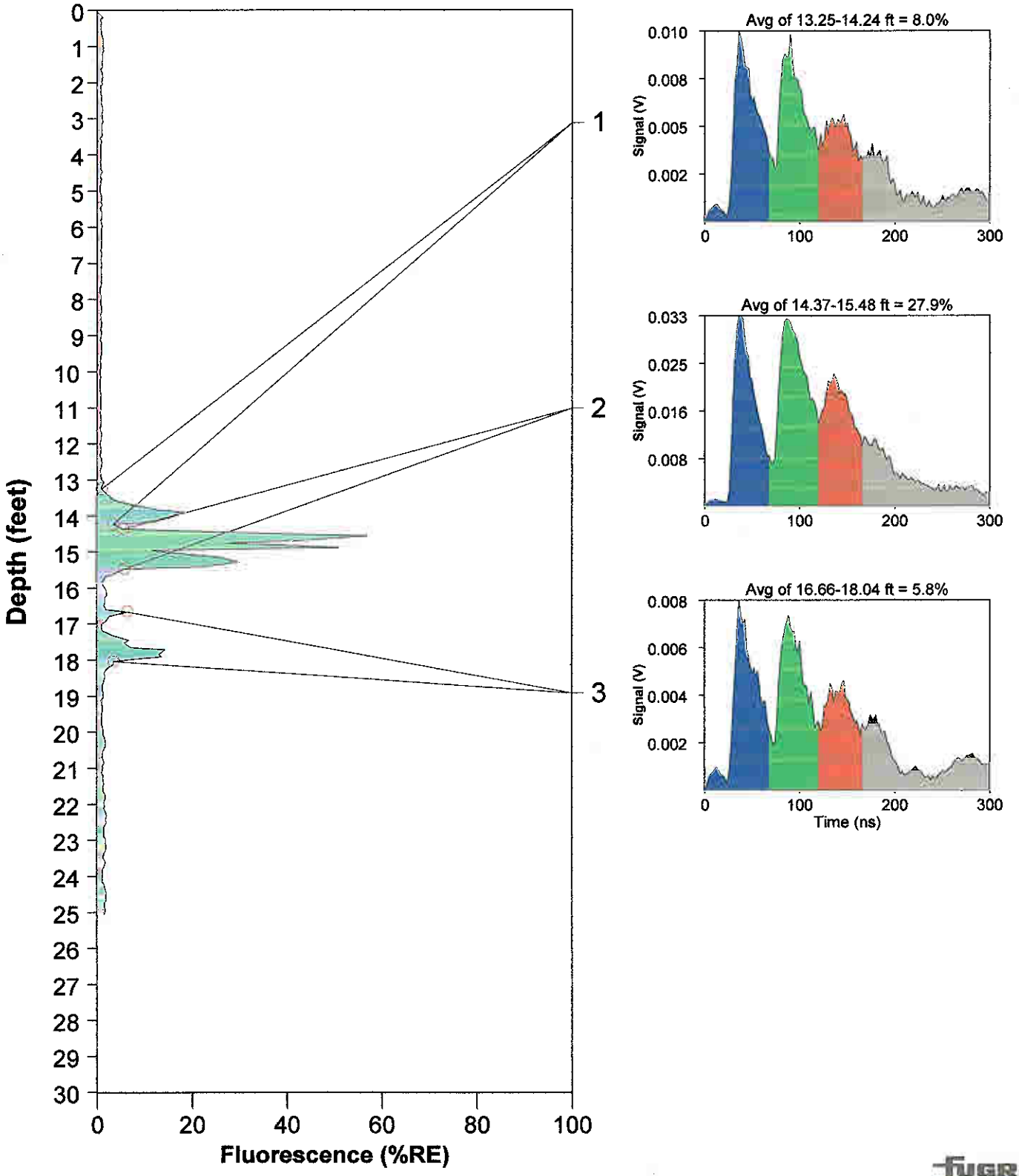
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

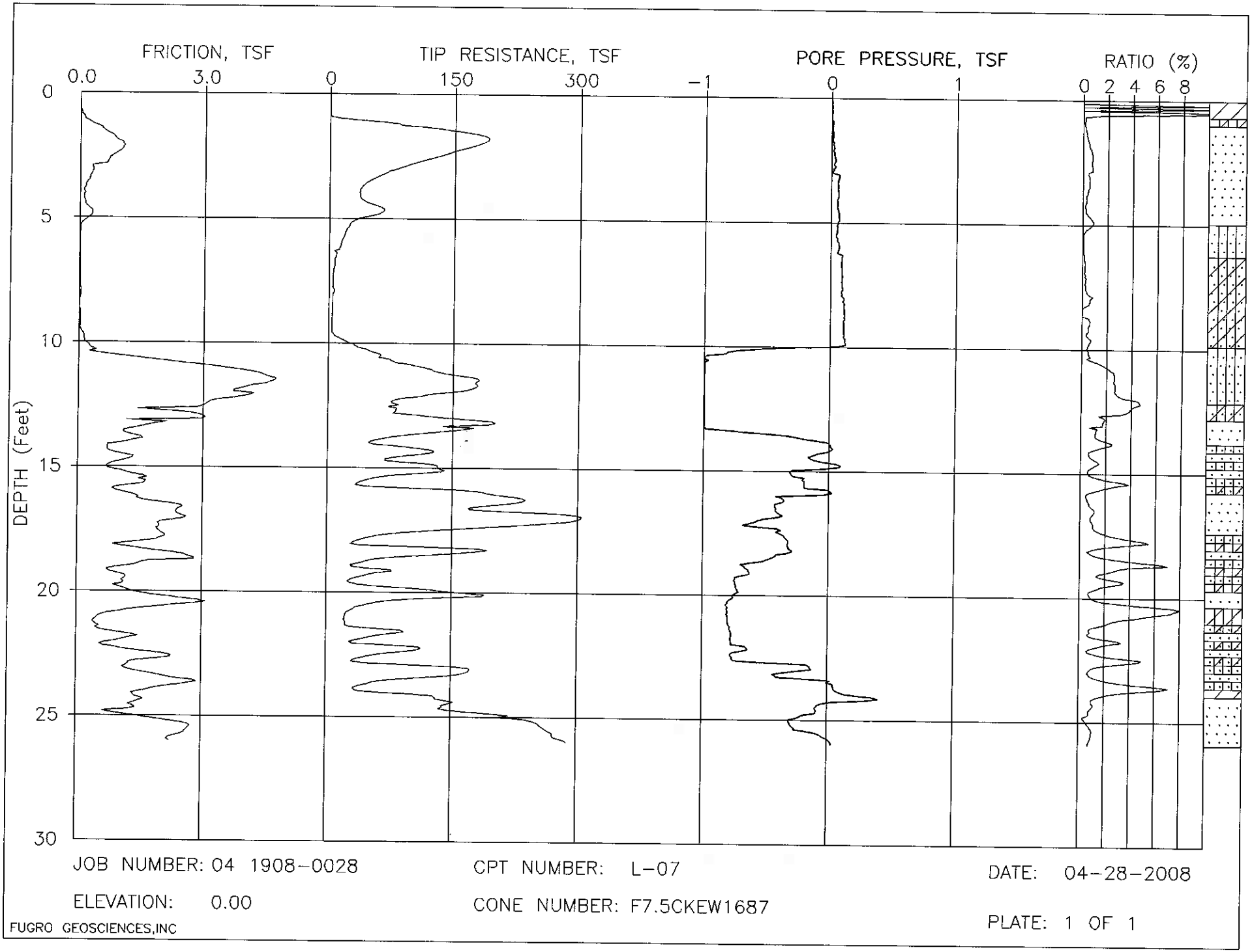
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 2:57:30 PM	Max fluorescence: 57.01% @ 14.56 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-07



Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com



JOB NUMBER: 04 1908−0028

CPT NUMBER: L−07

DATE: 04−28−2008

ELEVATION: 0.00

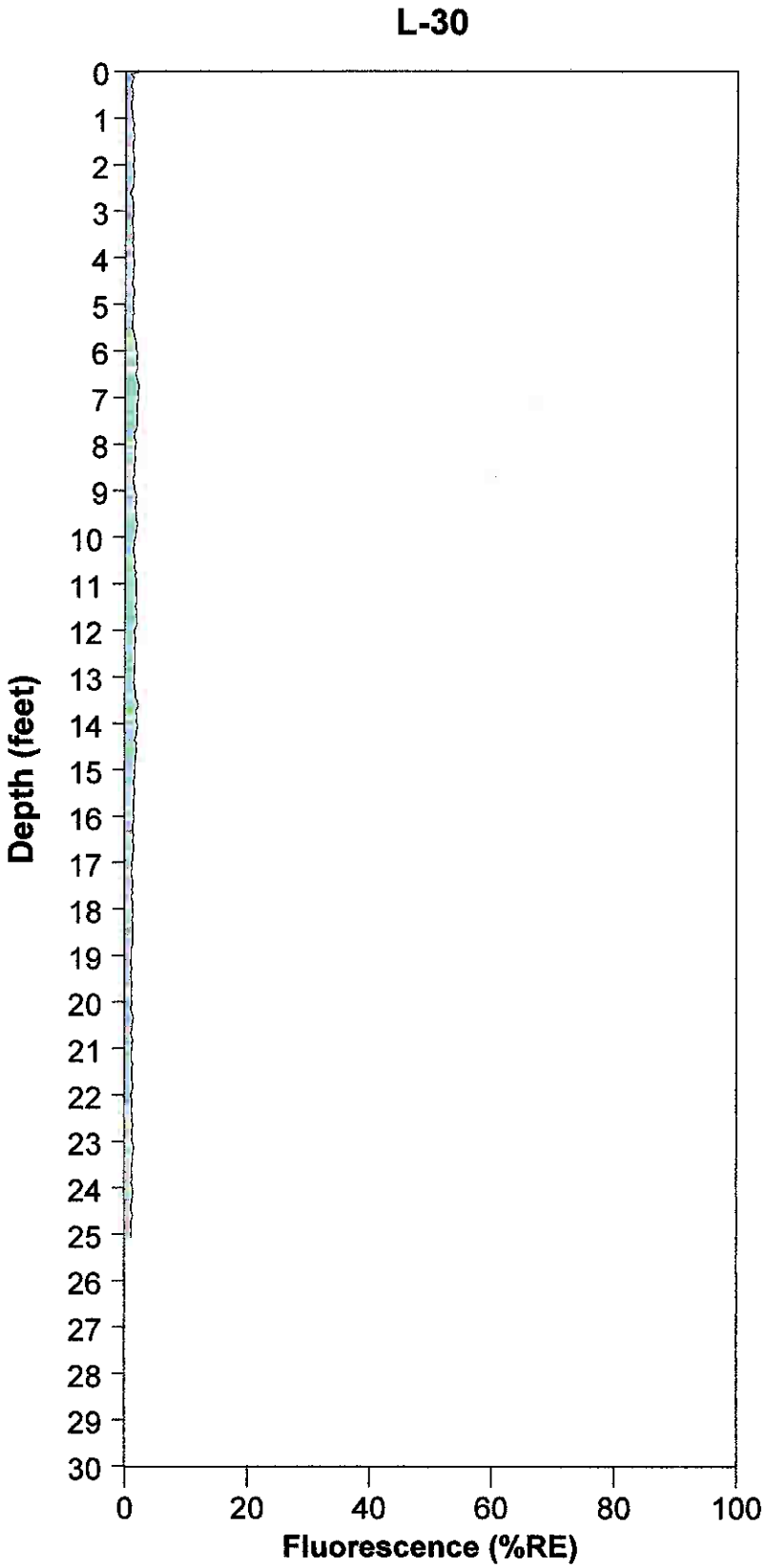
CONE NUMBER: F7.5CKEW1687

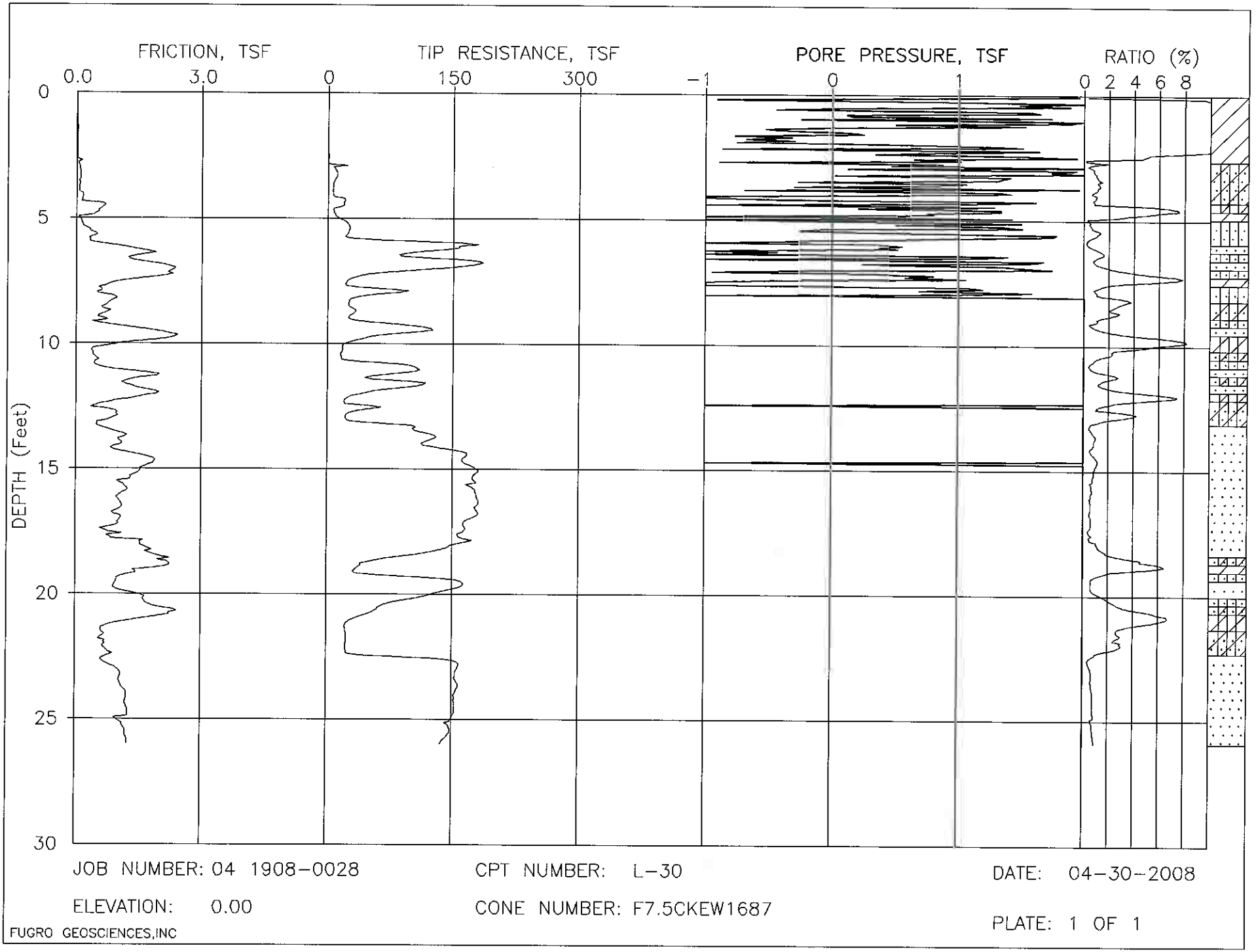
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 1:57:23 PM	Max fluorescence: 2.22% @ 6.76 ft
ROST Unit: III	Final depth BGS: 25.06 ft





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−30

DATE: 04−30−2008

ELEVATION: 0.00

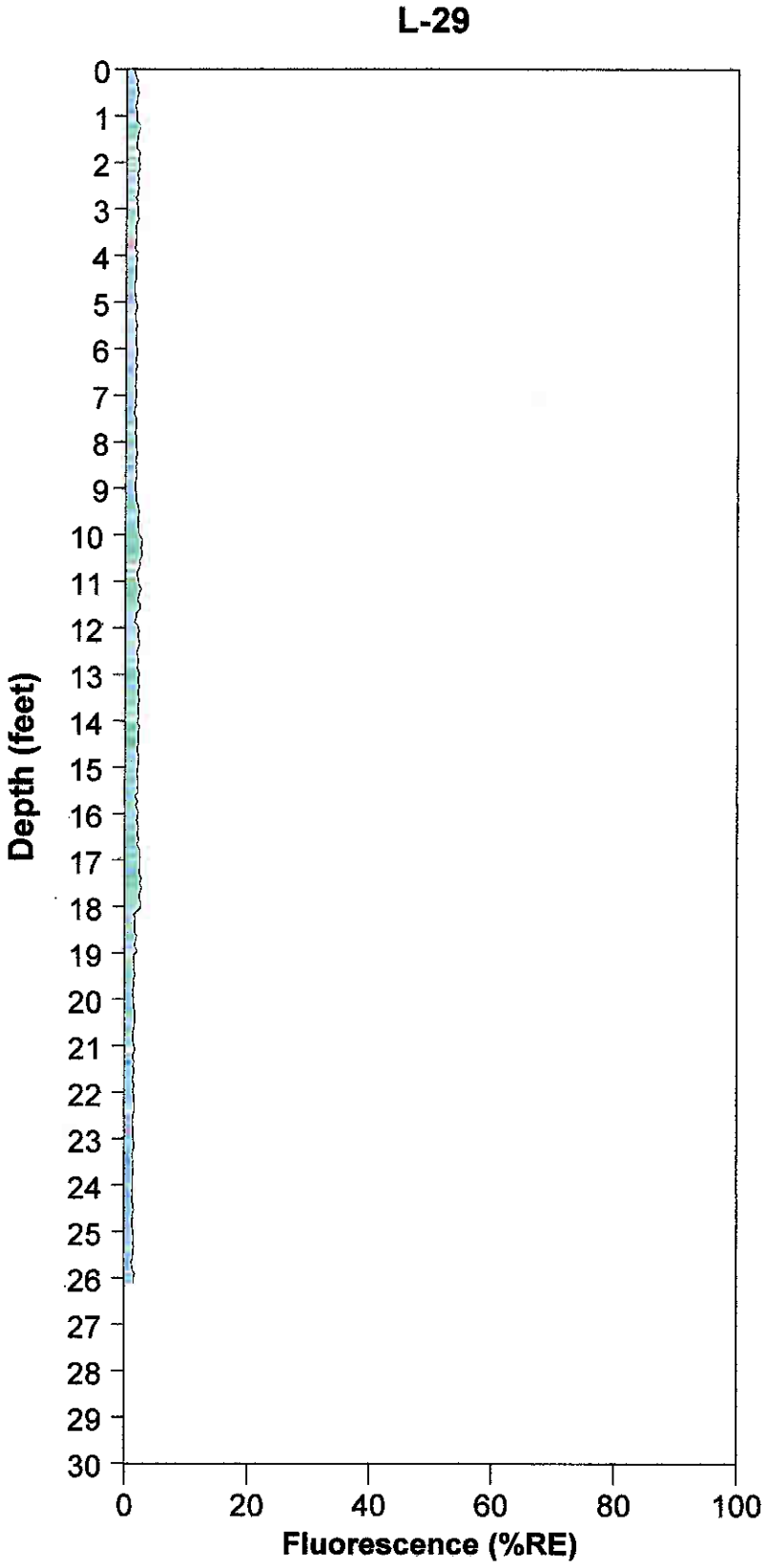
CONE NUMBER: F7.5CKEW1687

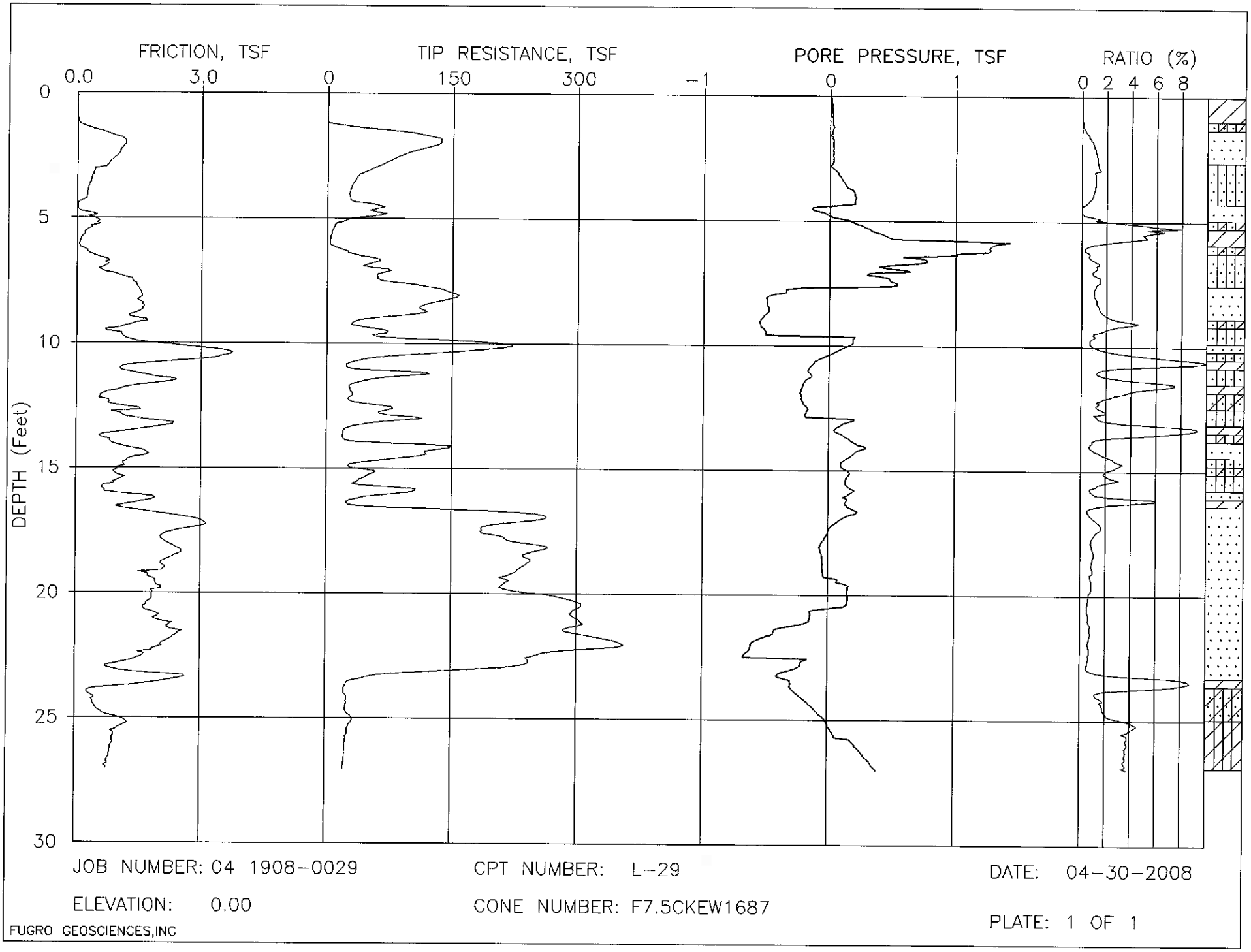
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 1:03:22 PM	Max fluorescence: 2.68% @ 17.58 ft
ROST Unit: III	Final depth BGS: 26.11 ft





JOB NUMBER: 04 1908-0029

CPT NUMBER: L-29

DATE: 04-30-2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

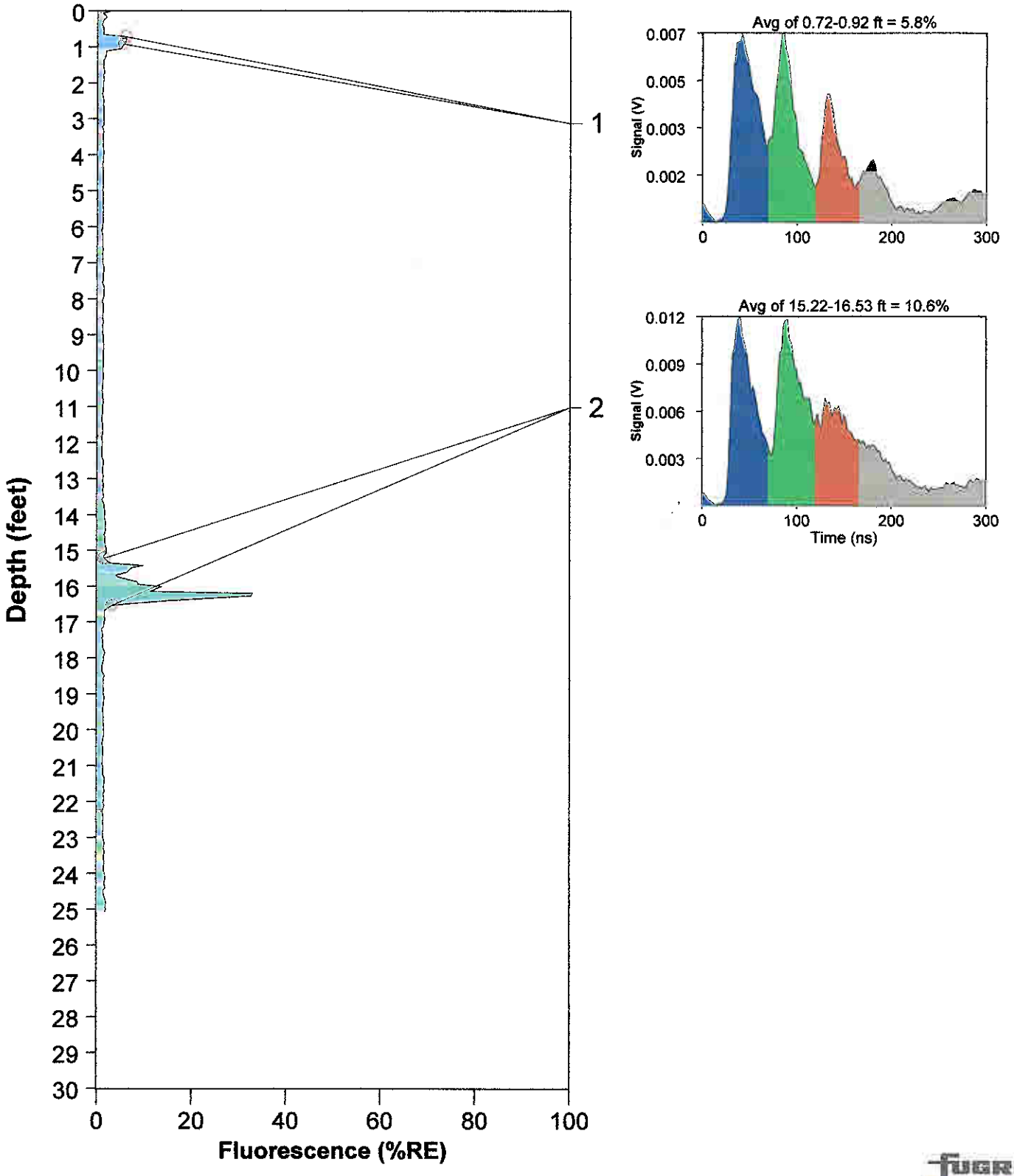
PLATE: 1 OF 1

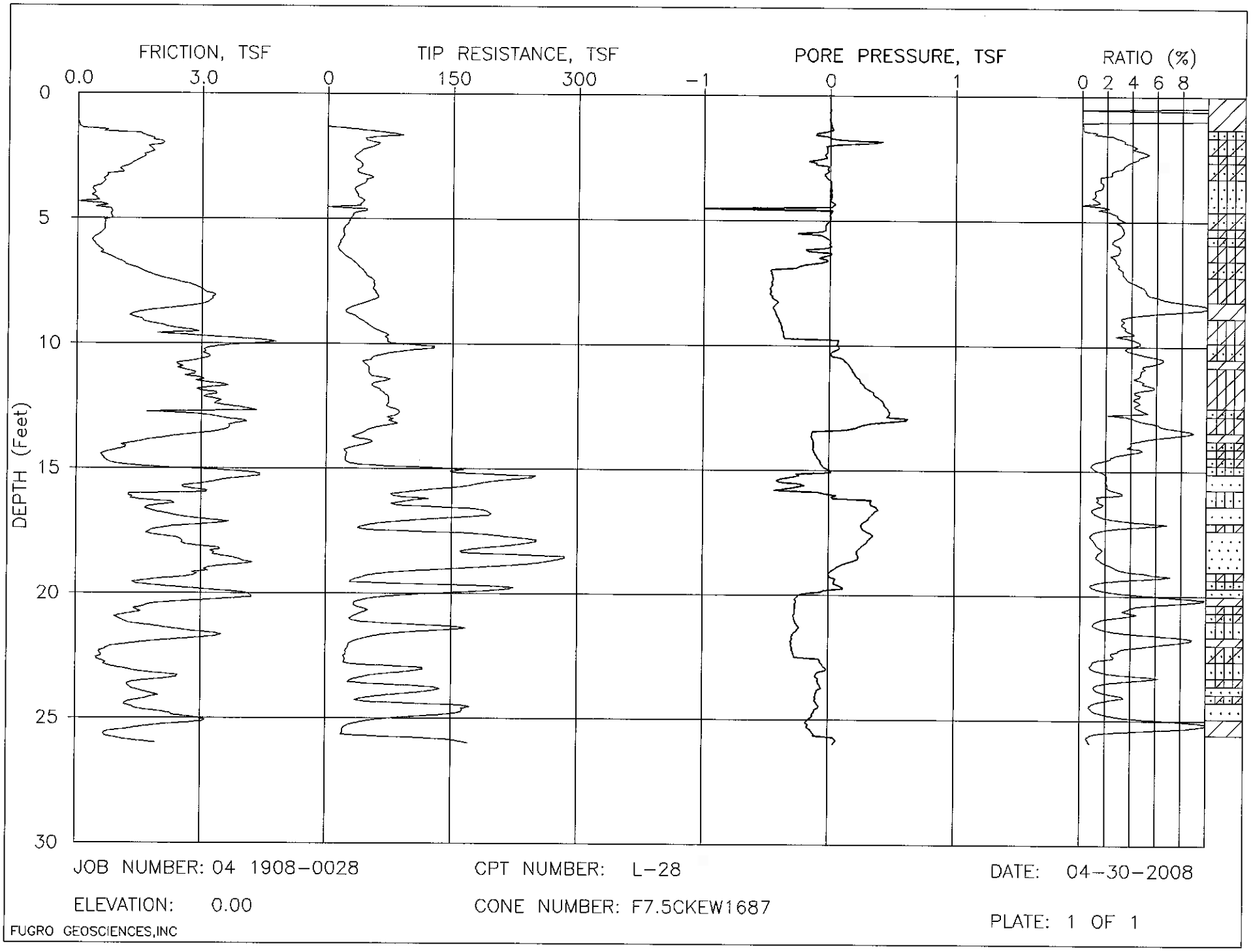
FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 11:45:02 AM	Max fluorescence: 32.85% @ 16.20 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-28





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−28

DATE: 04−30−2008

ELEVATION: 0.00

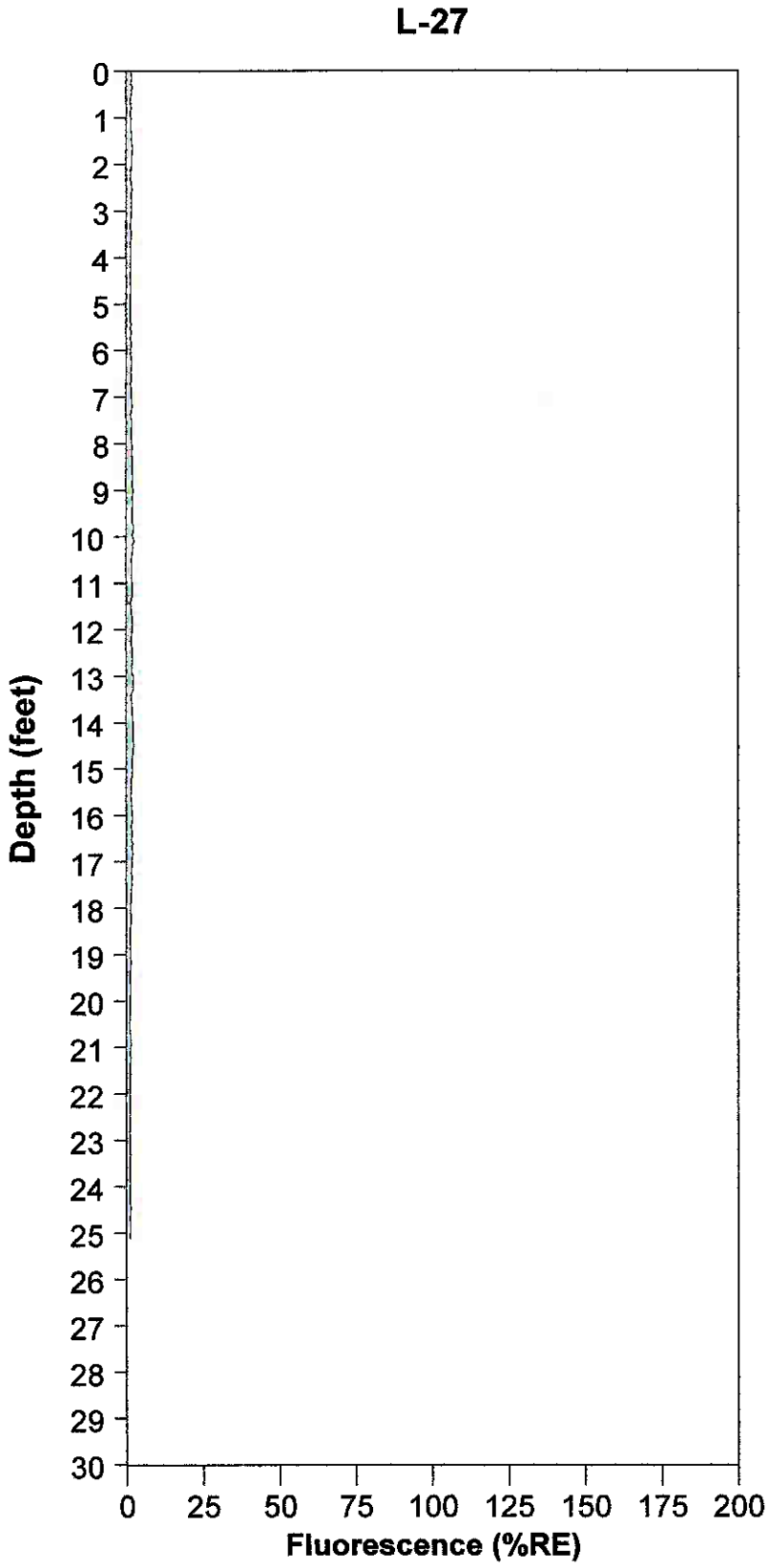
CONE NUMBER: F7.5CKEW1687

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

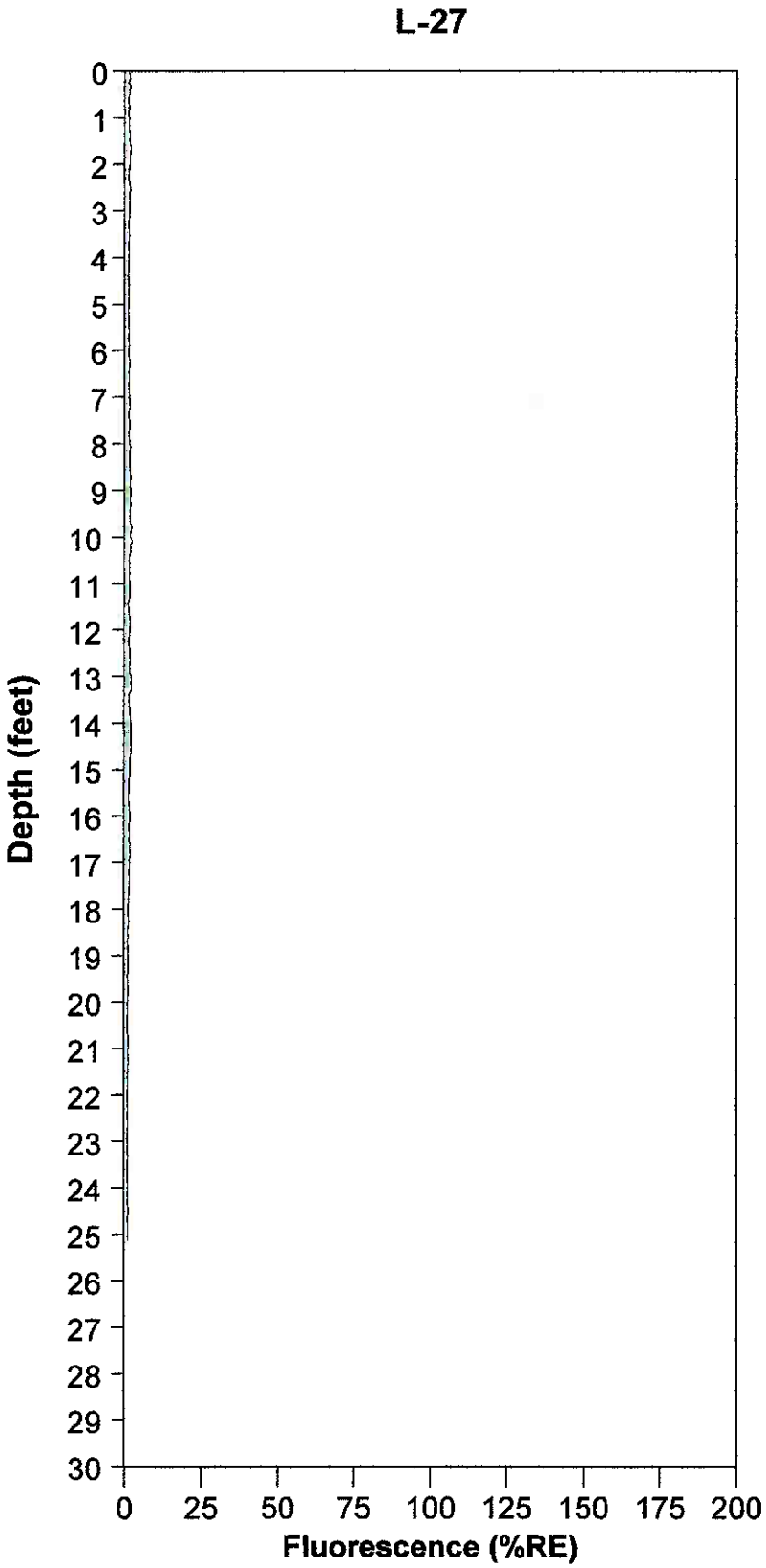
ROST Fluorescence Response Data

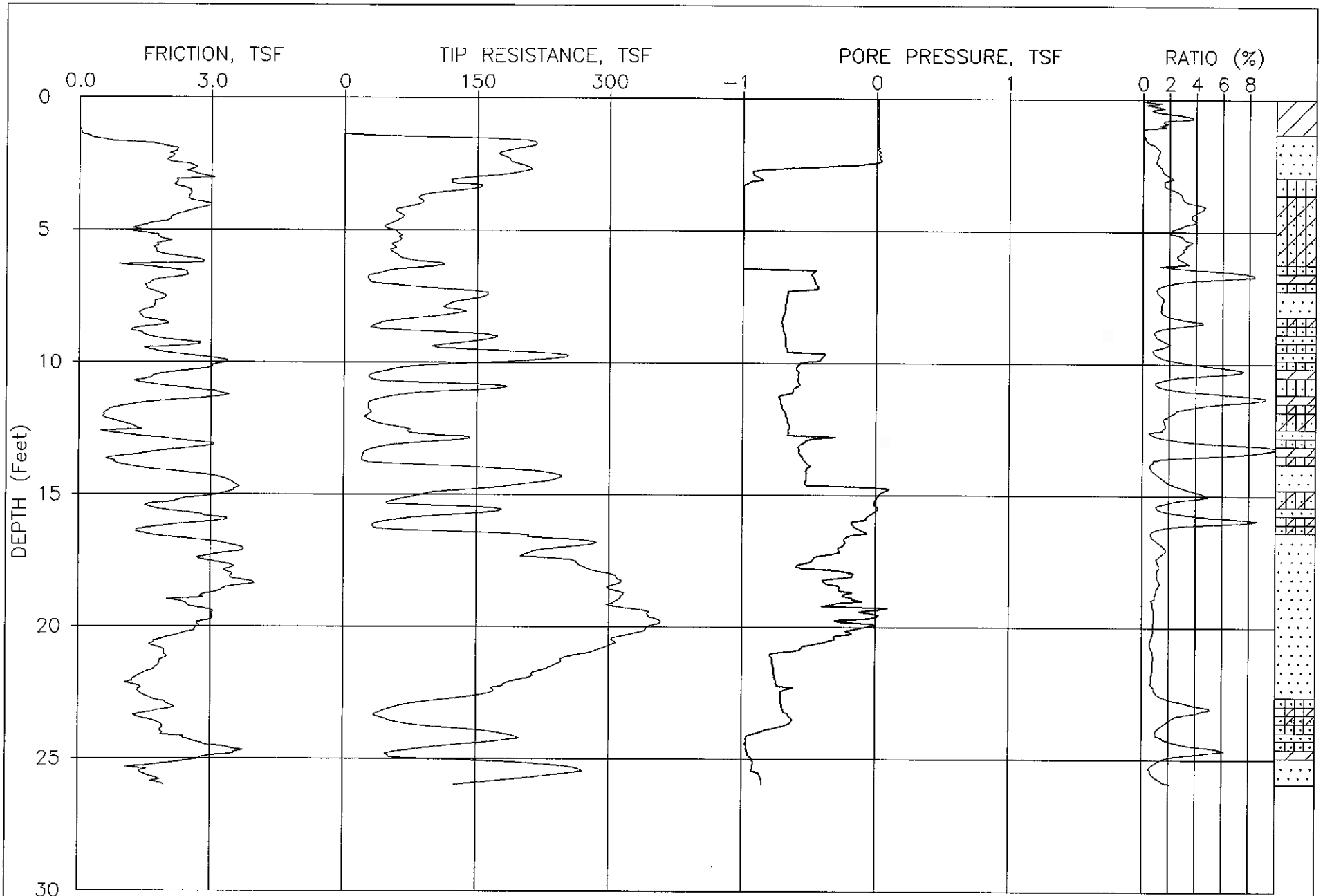
Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 11:10:38 AM	Max fluorescence: 2.45% @ 10.10 ft
ROST Unit: III	Final depth BGS: 25.13 ft



ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 11:10:38 AM	Max fluorescence: 2.45% @ 10.10 ft
ROST Unit: III	Final depth BGS: 25.13 ft





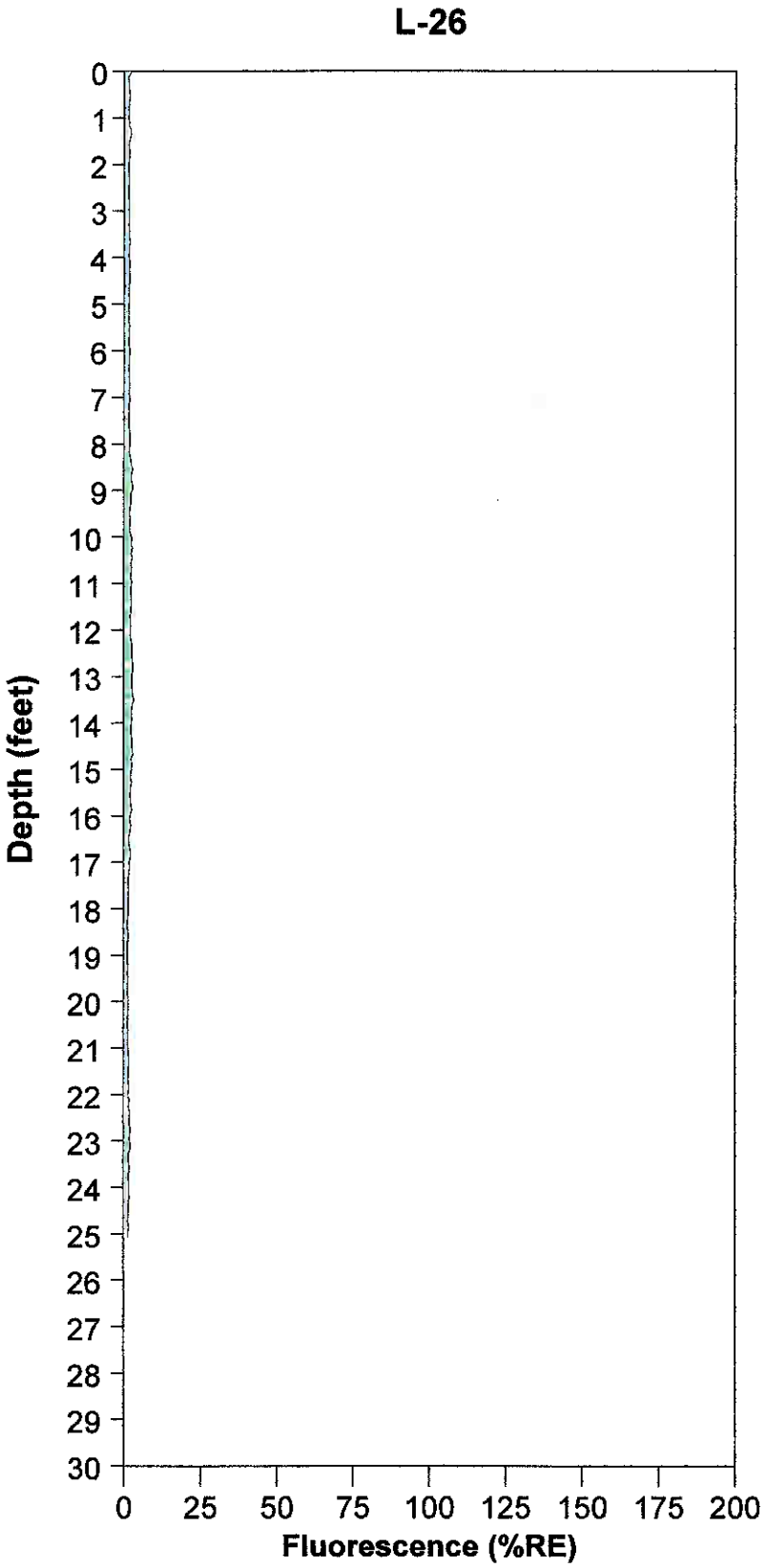
JOB NUMBER: 04 1908−0028 CPT NUMBER: L−27 DATE: 04−30−2008

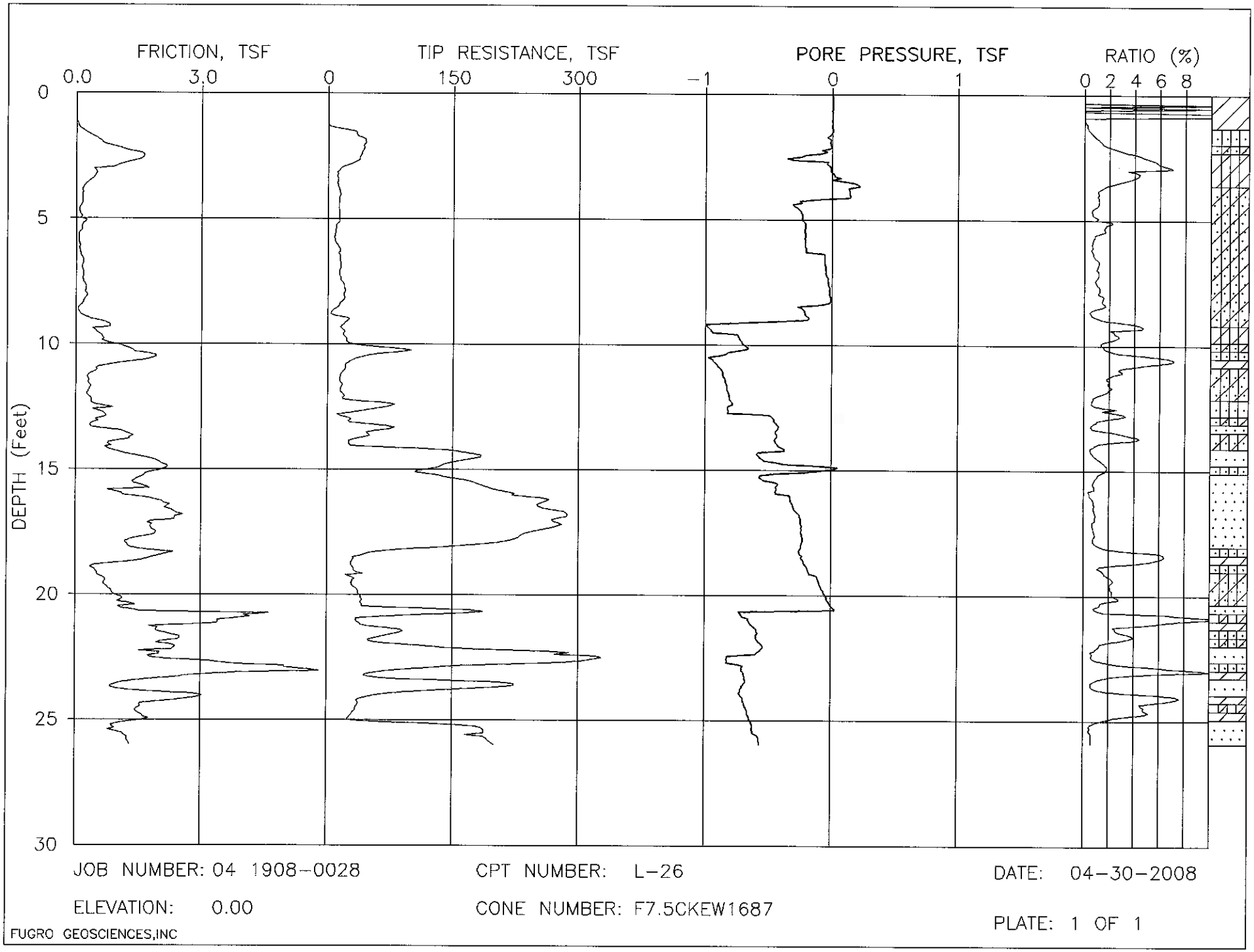
ELEVATION: 0.00 CONE NUMBER: F7.5CKEW1687 PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 10:36:55 AM	Max fluorescence: 3.16% @ 13.51 ft
ROST Unit: III	Final depth BGS: 25.06 ft





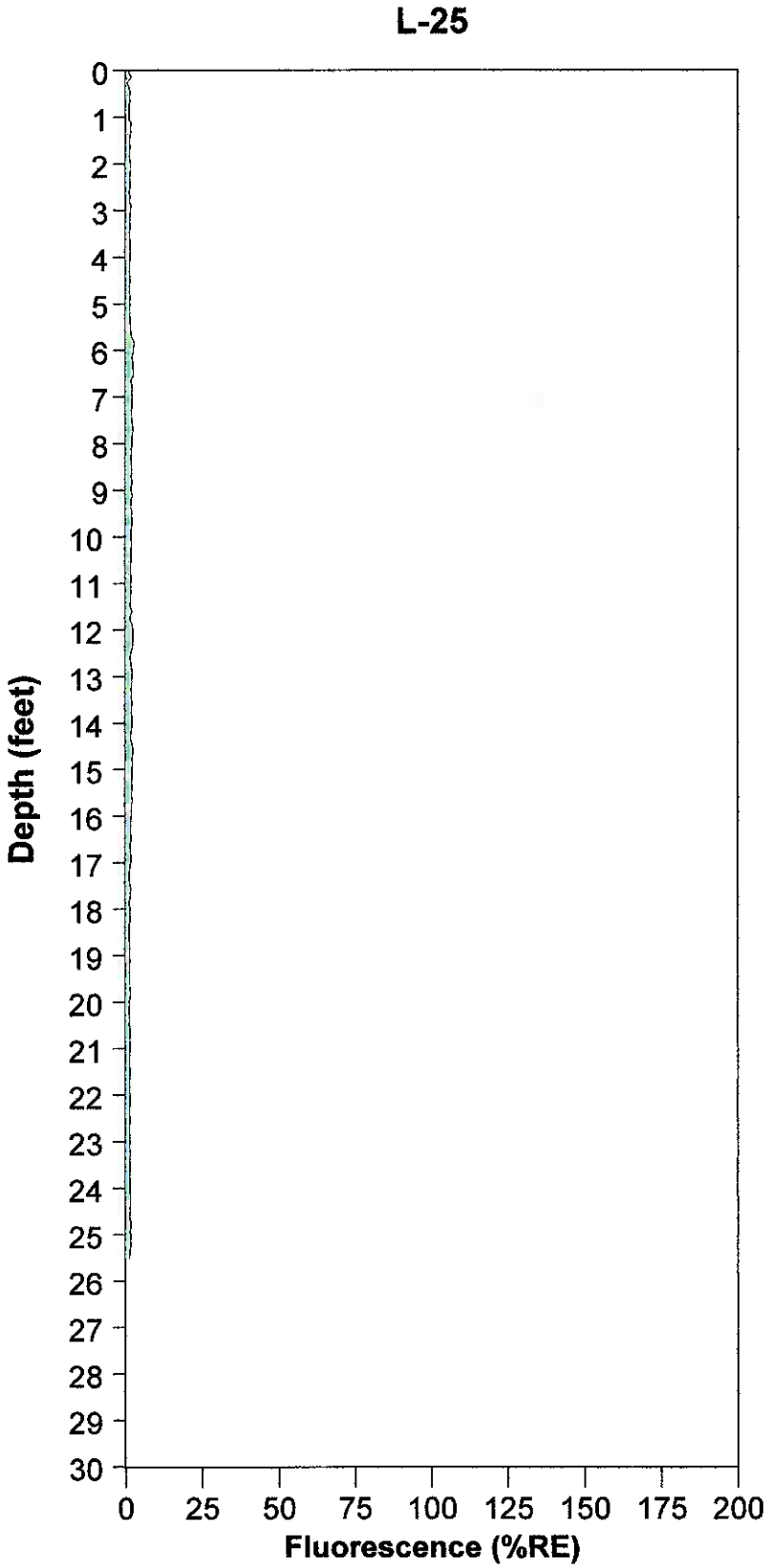
JOB NUMBER: 04 1908−0028 CPT NUMBER: L−26 DATE: 04−30−2008

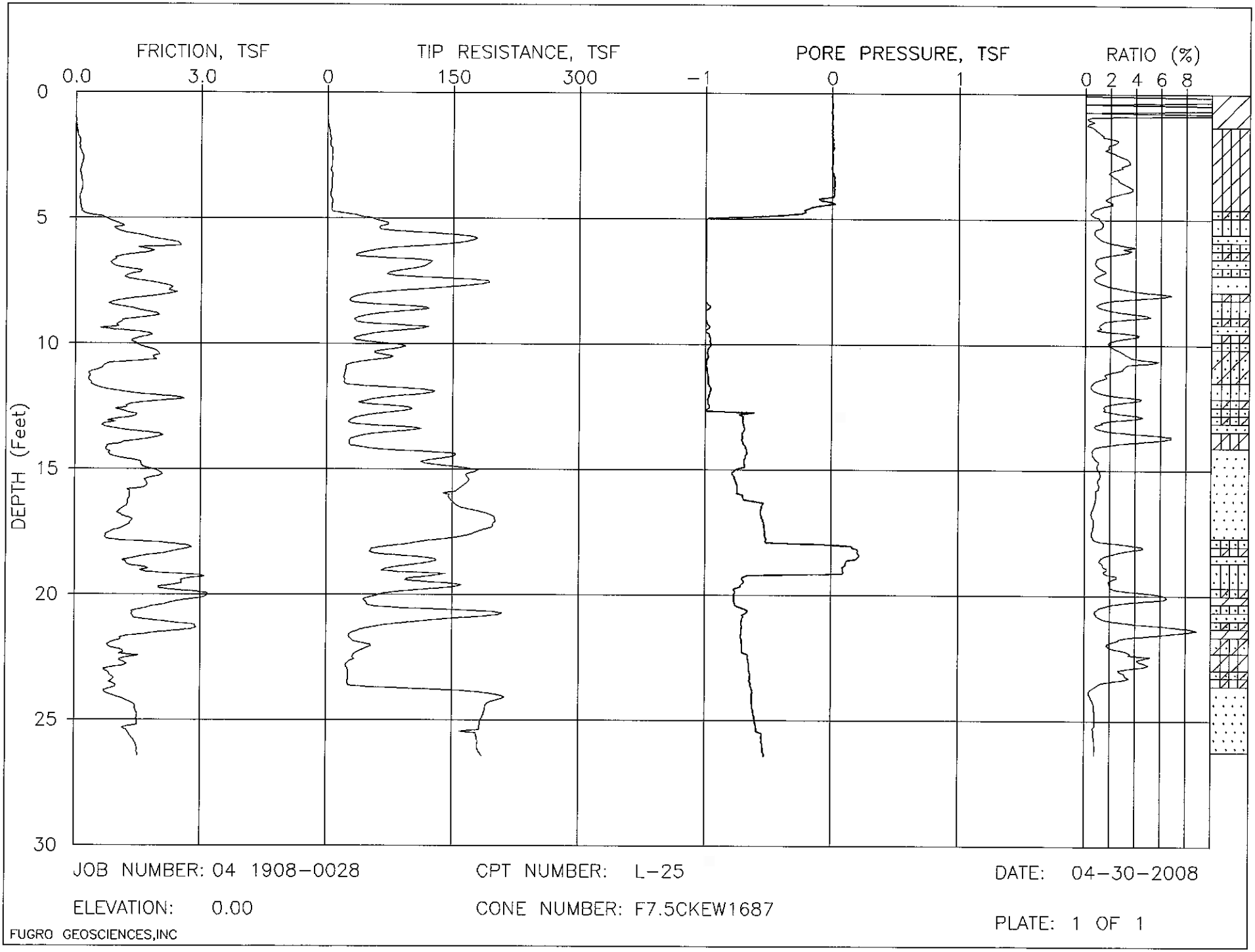
ELEVATION: 0.00 CONE NUMBER: F7.5CKEW1687 PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 10:10:17 AM	Max fluorescence: 2.78% @ 5.84 ft
ROST Unit: III	Final depth BGS: 25.52 ft





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−25

DATE: 04−30−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

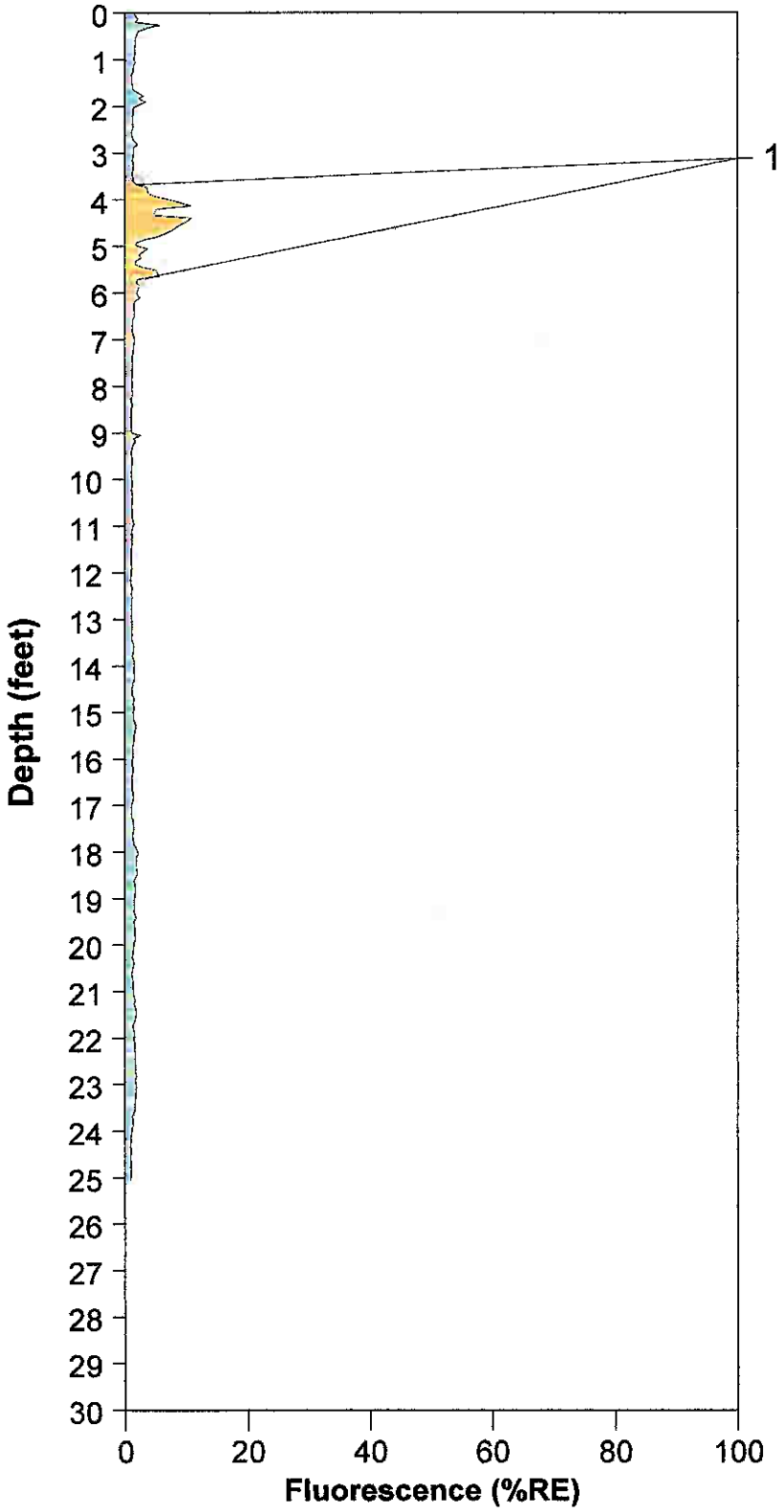
PLATE: 1 OF 1

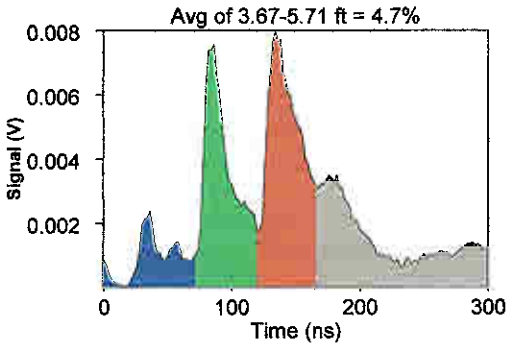
FUGRO GEOSCIENCES,INC

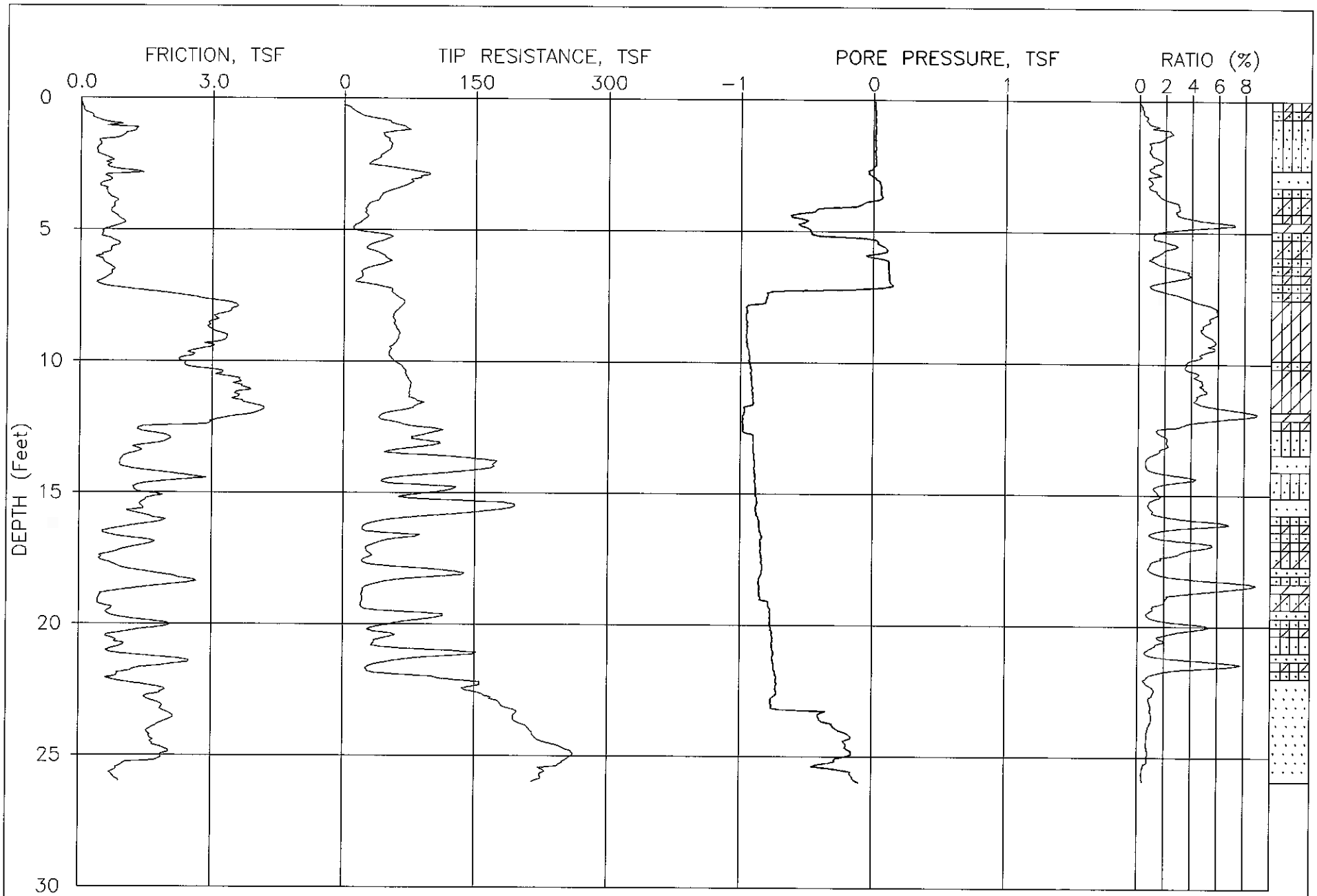
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/30/2008 @ 8:27:13 AM	Max fluorescence: 10.73% @ 4.39 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-23







JOB NUMBER: 04 1908−0028

CPT NUMBER: L−23

DATE: 04−30−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

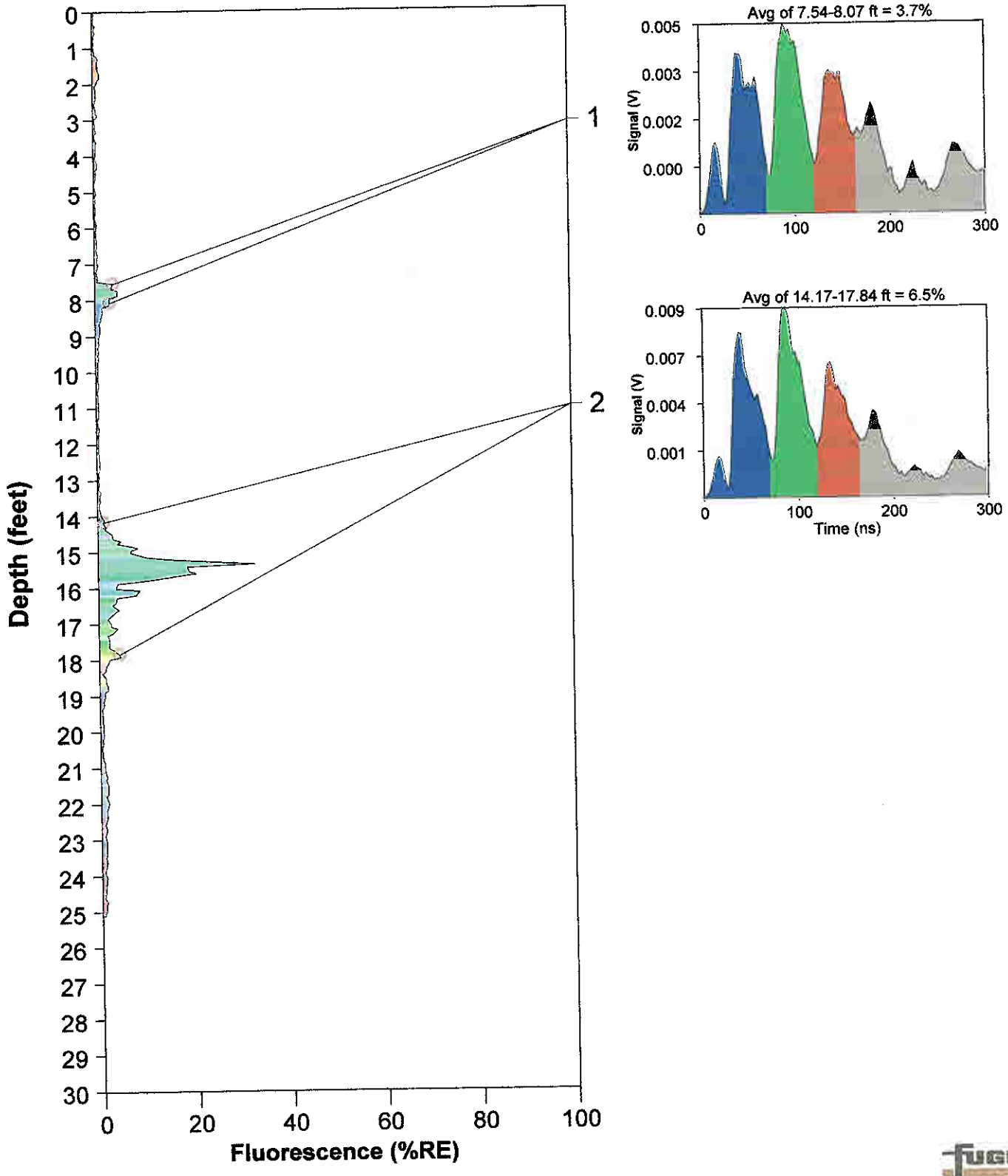
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 3:19:47 PM	Max fluorescence: 32.85% @ 15.35 ft
ROST Unit: III	Final depth BGS: 25.13 ft

L-20



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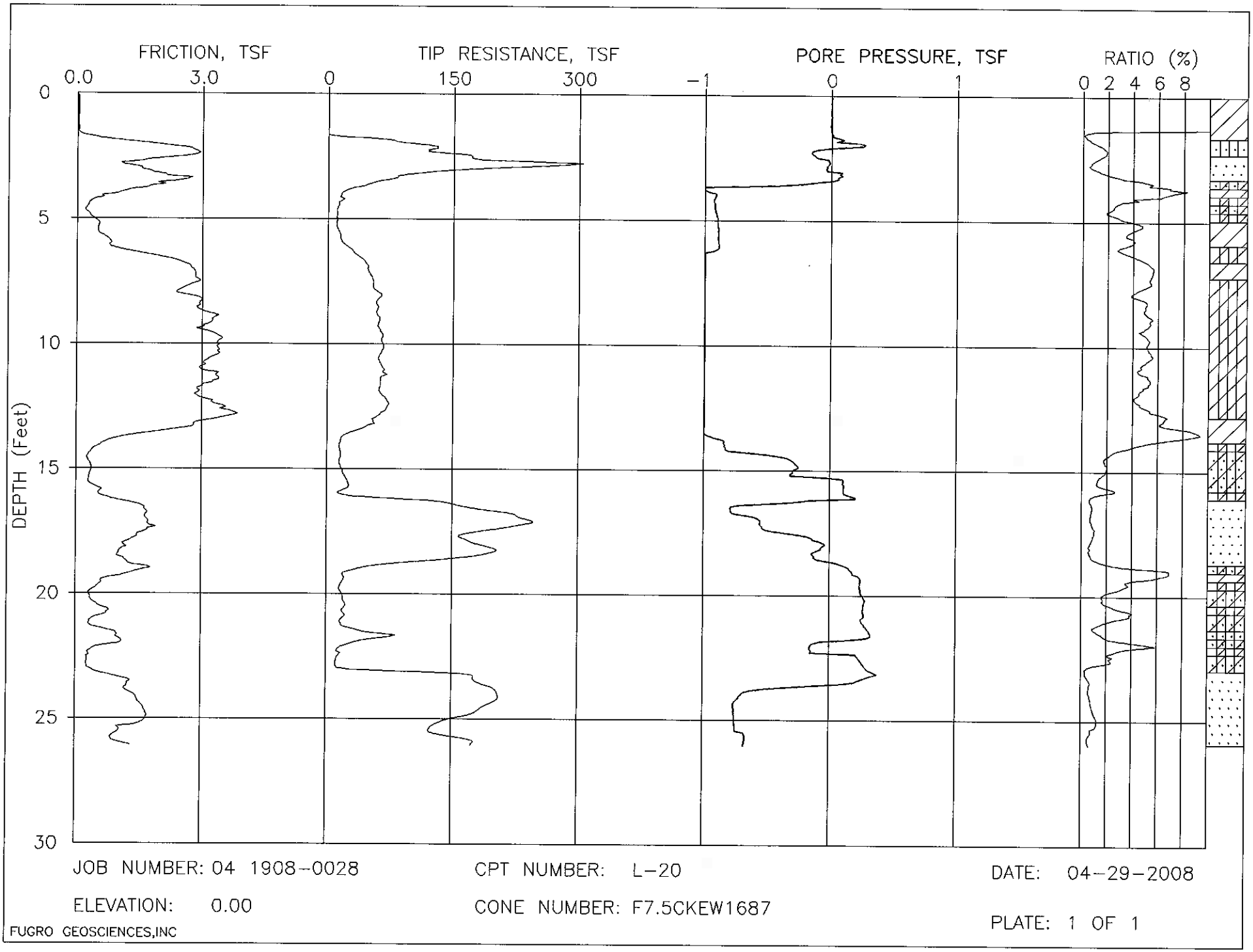


JOB NUMBER: 04 1908−0028

CPT NUMBER: L−20

DATE: 04−29−2008

ELEVATION: 0.00

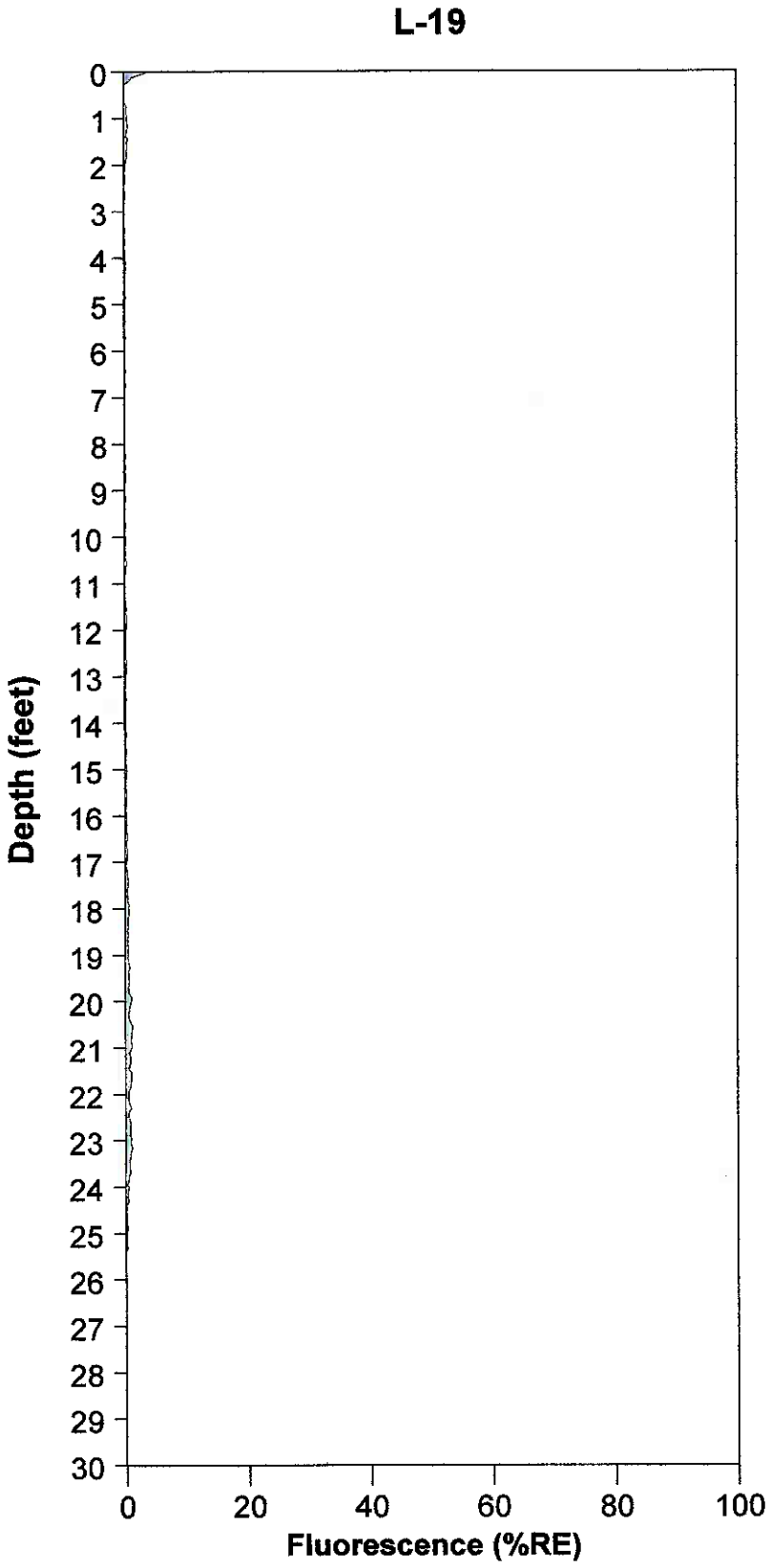
CONE NUMBER: F7.5CKEW1687

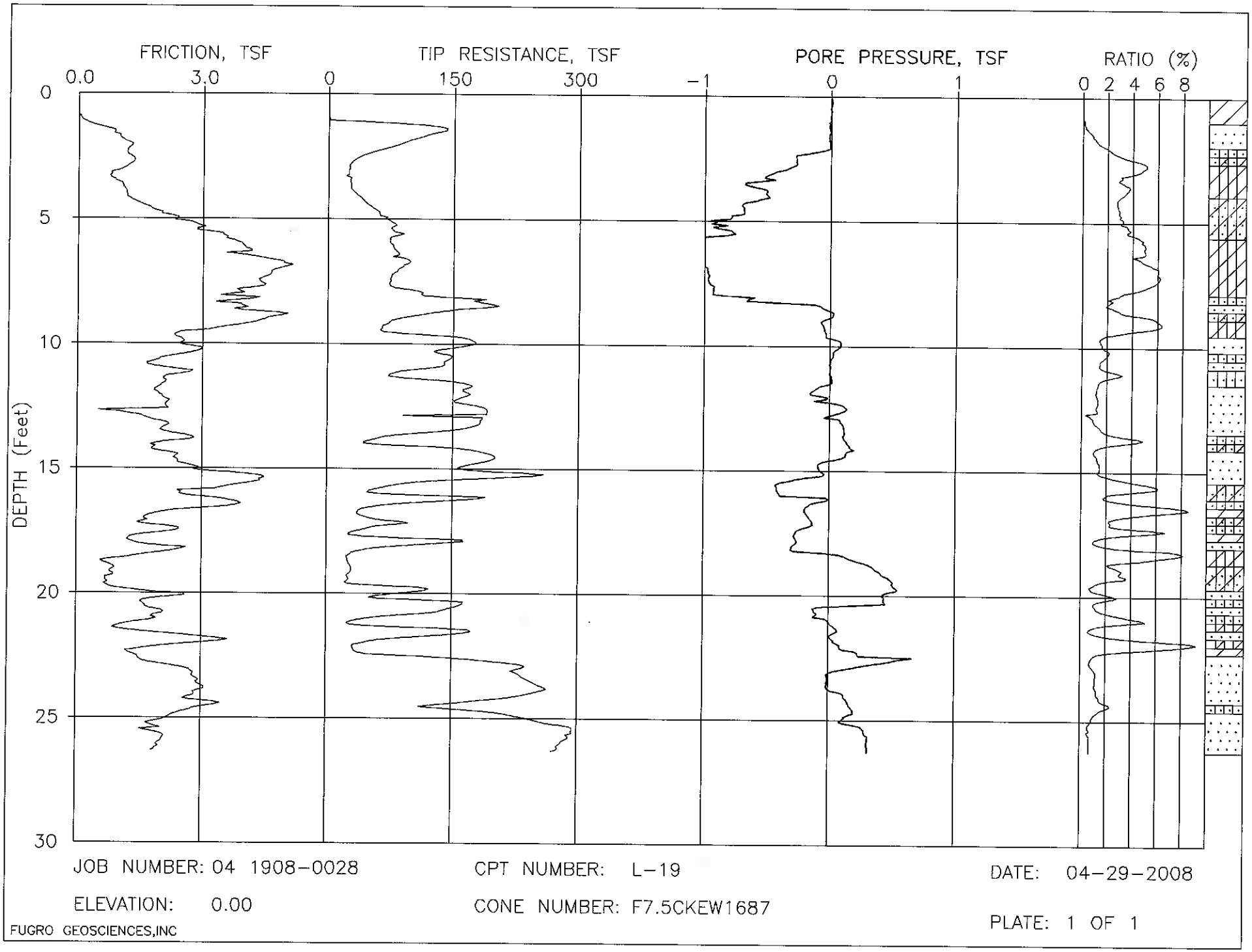
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 2:09:20 PM	Max fluorescence: 3.77% @ 0.00 ft
ROST Unit: III	Final depth BGS: 25.39 ft





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−19

DATE: 04−29−2008

ELEVATION: 0.00

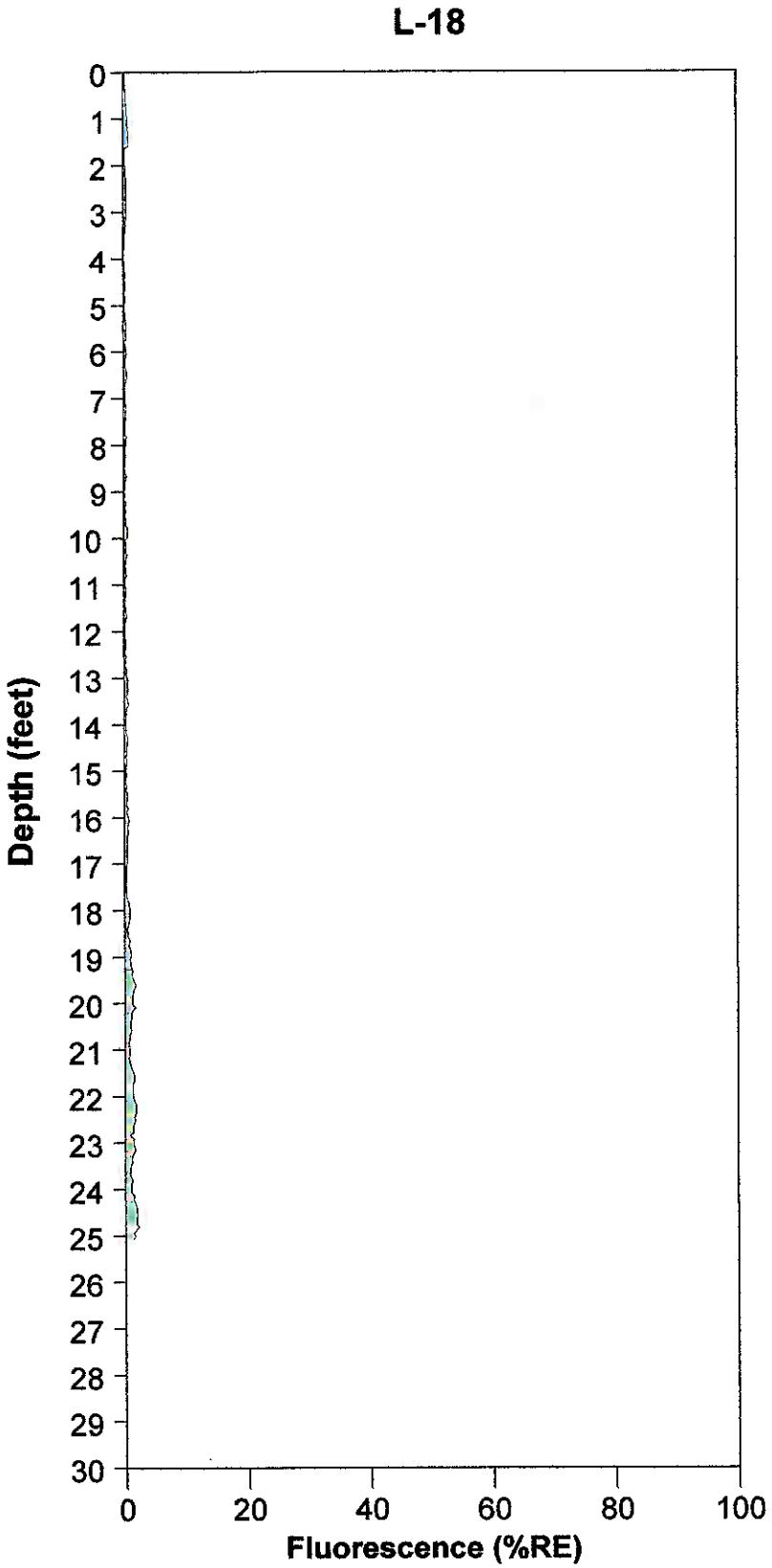
CONE NUMBER: F7.5CKEW1687

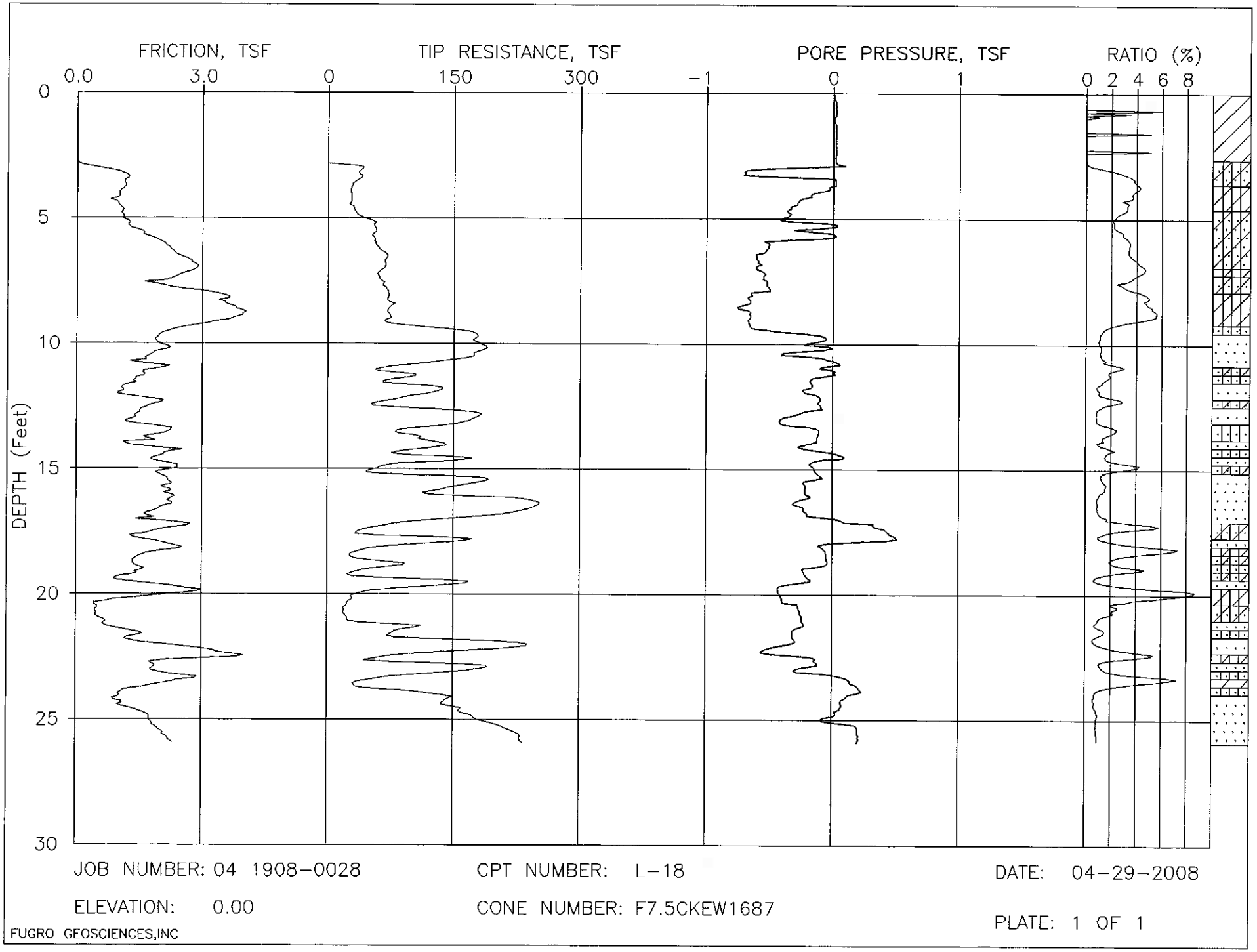
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 1:38:23 PM	Max fluorescence: 2.08% @ 24.80 ft
ROST Unit: III	Final depth BGS: 25.06 ft





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−18

DATE: 04−29−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

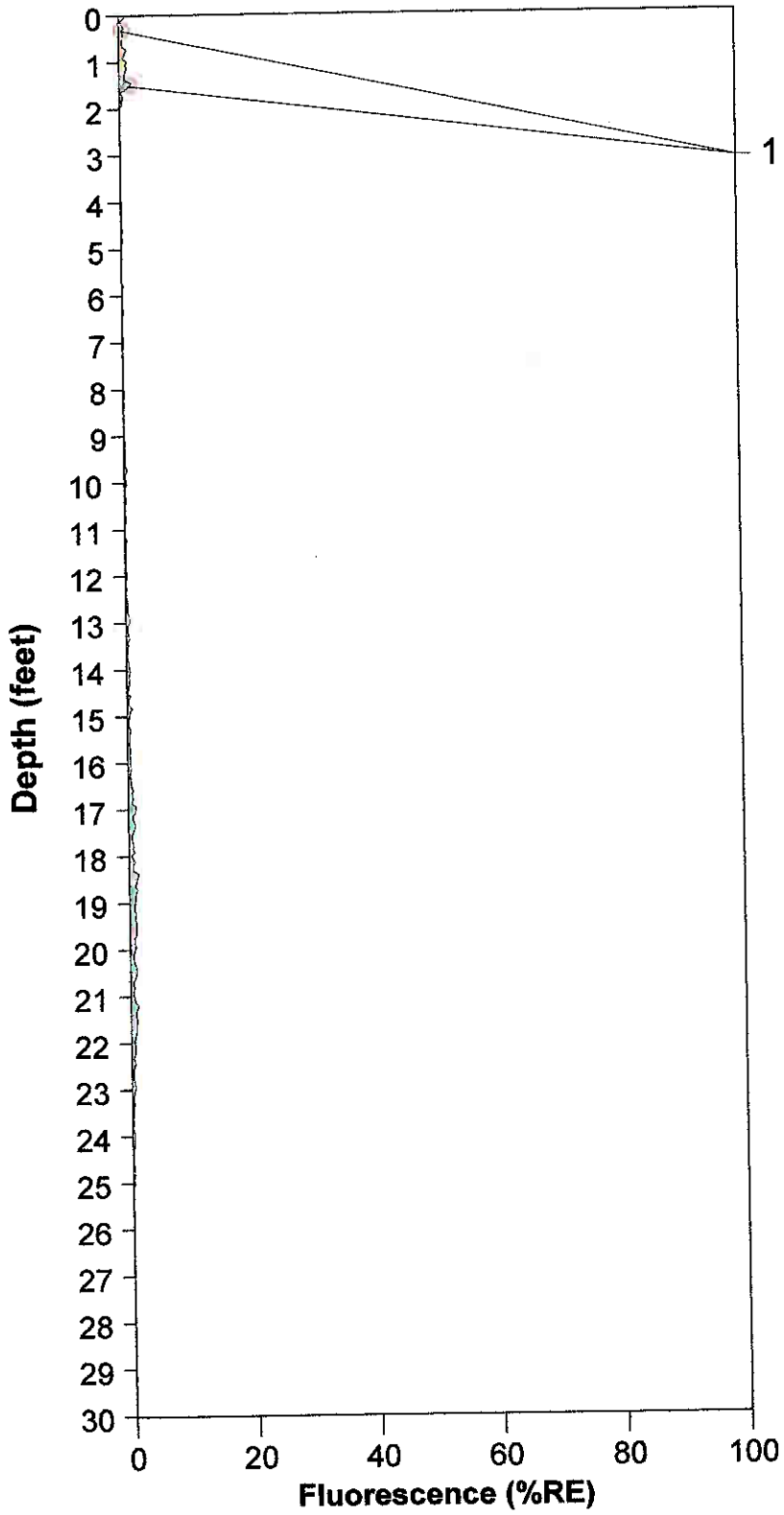
PLATE: 1 OF 1

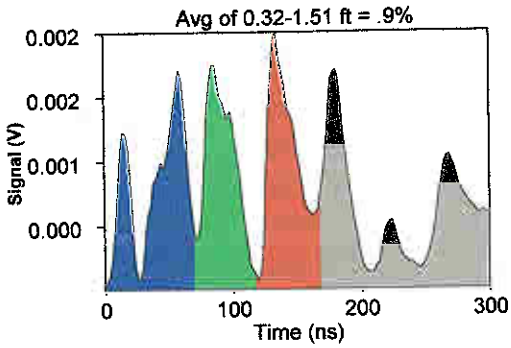
FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 11:53:33 AM	Max fluorescence: 1.79% @ 1.44 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-17





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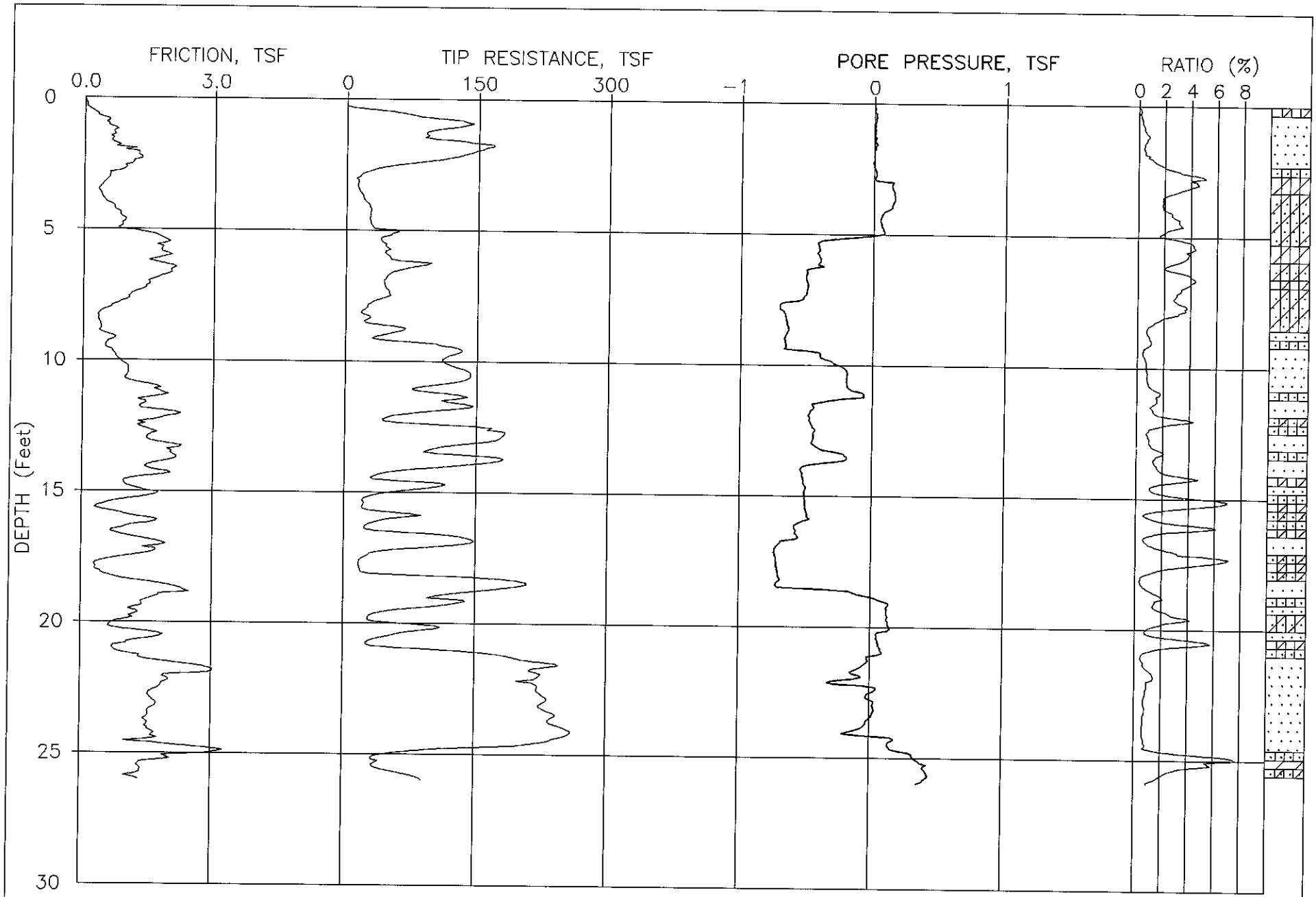


JOB NUMBER: 04 1908−0028

CPT NUMBER: L−17

DATE: 04−29−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

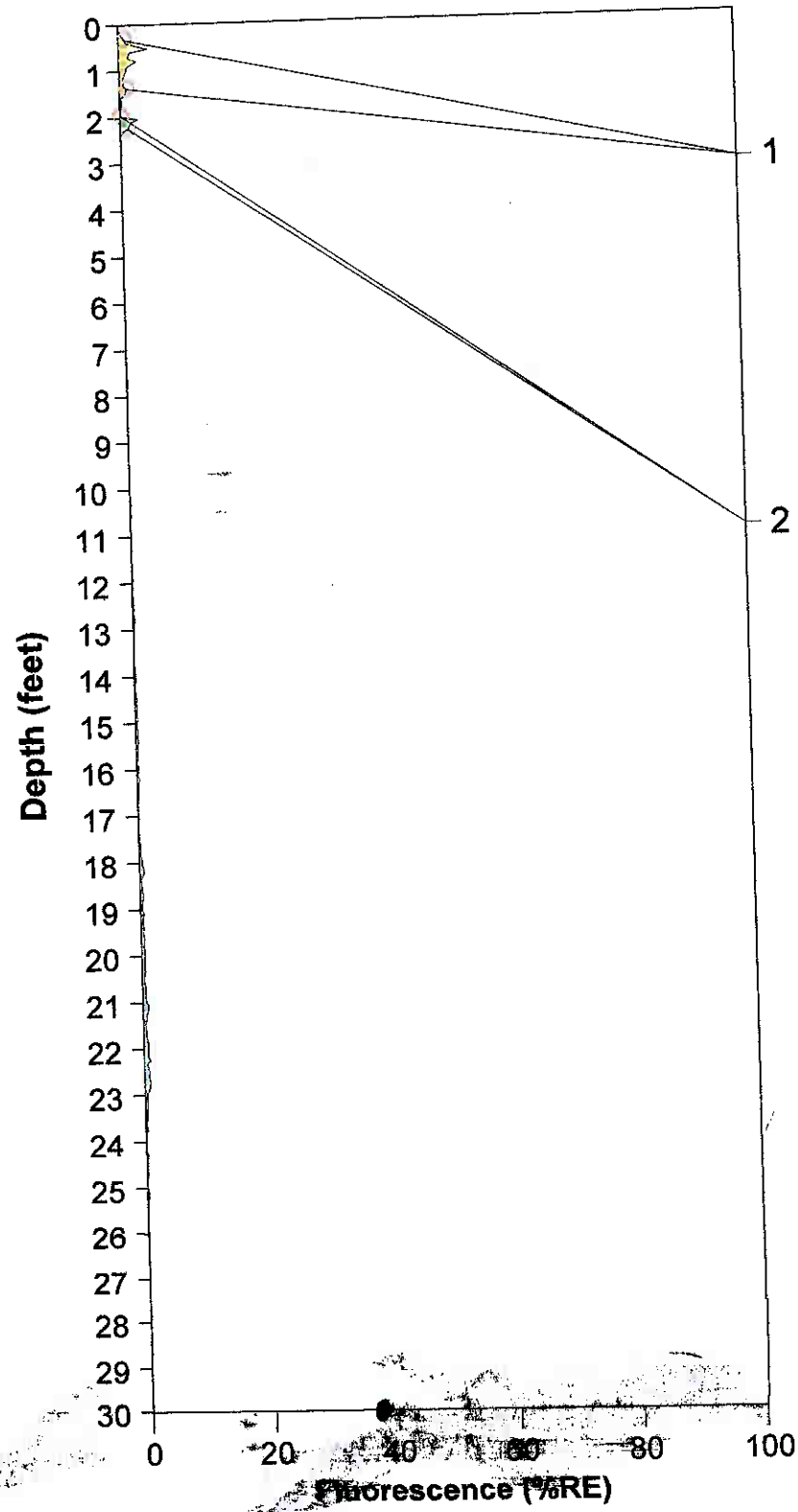
PLATE: 1 OF 1

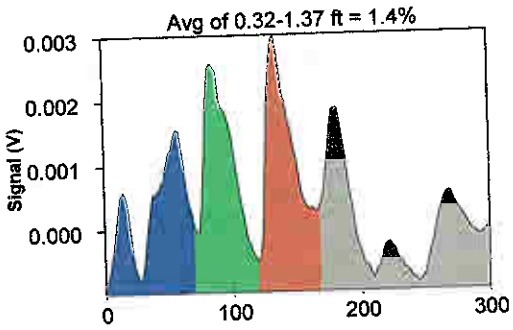
FUGRO GEOSCIENCES,INC

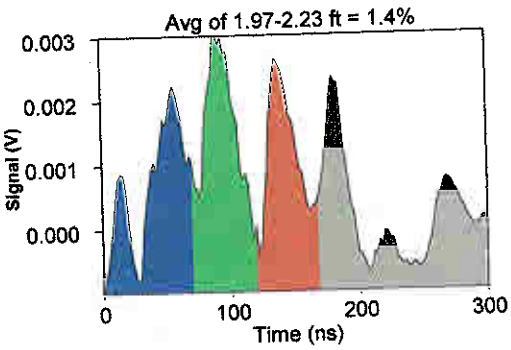
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 11:22:11 AM	Max fluorescence: 4.52% @ 0.52 ft
ROST Unit: III	Final depth BGS: 25.46 ft

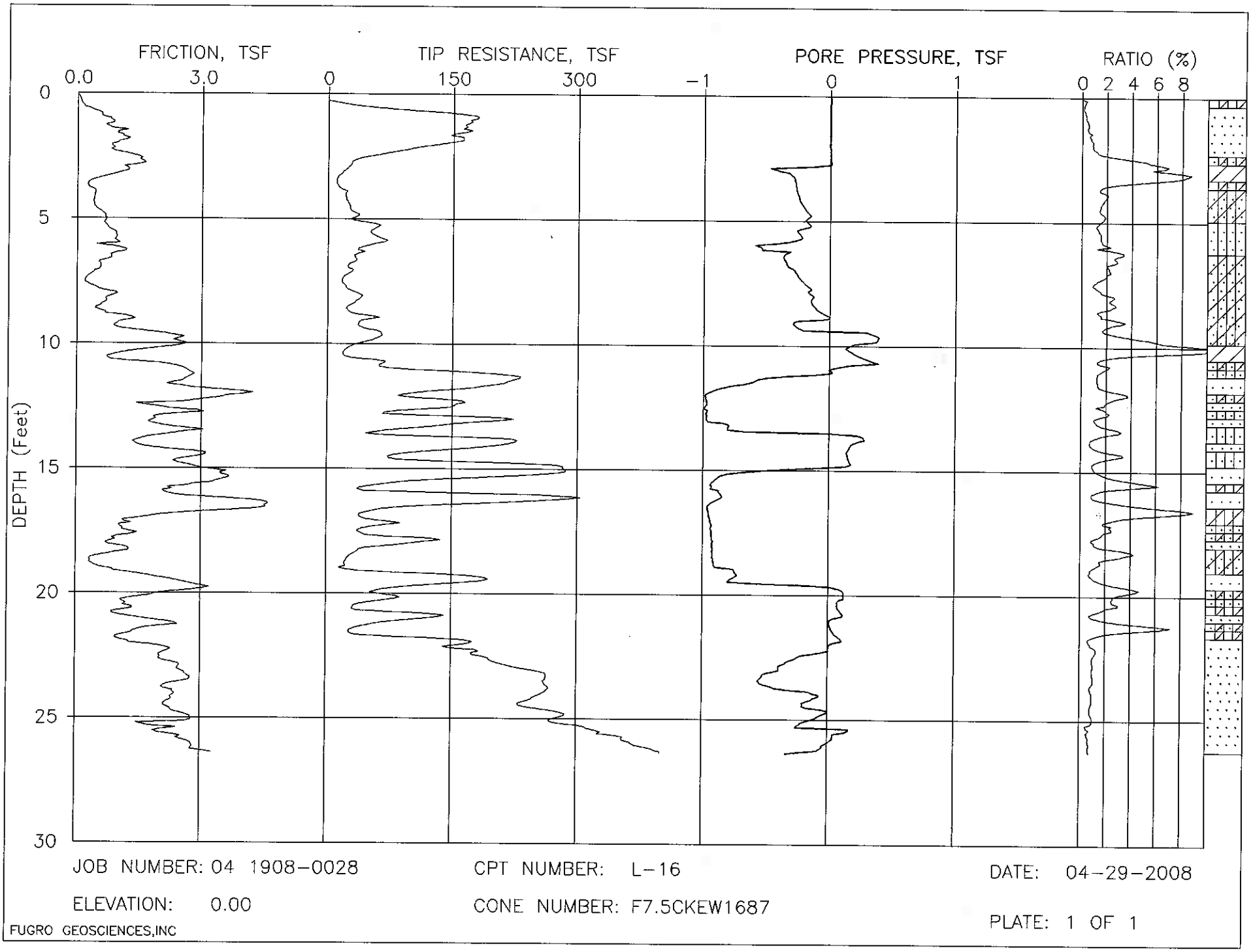
L-16







Fugro Geosciences, Inc., 6105 Rookin, Houston, TX 77074 (713) 346-4000 www.geo.fugro.com



JOB NUMBER: 04 1908−0028

CPT NUMBER: L−16

DATE: 04−29−2008

ELEVATION: 0.00

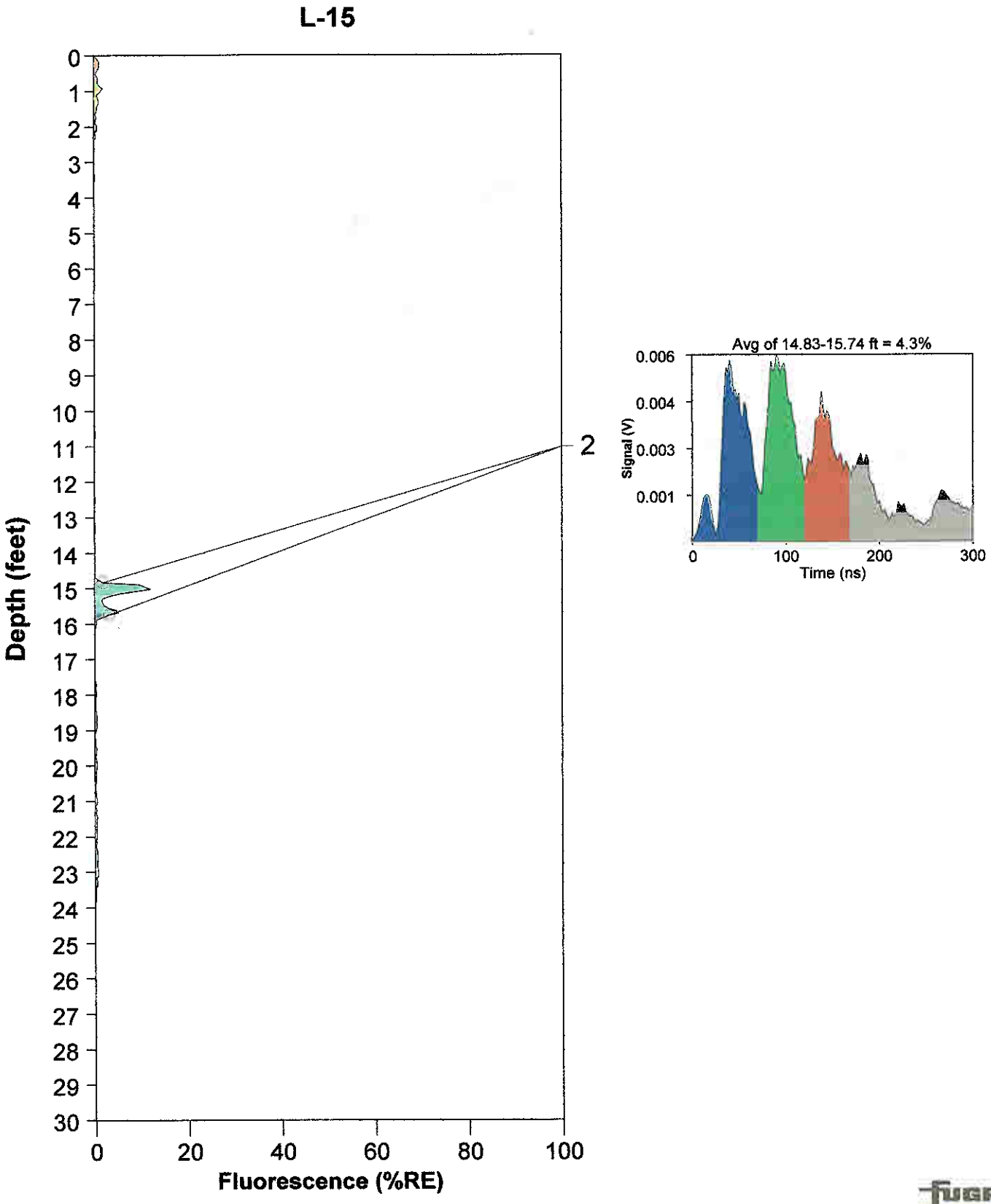
CONE NUMBER: F7.5CKEW1687

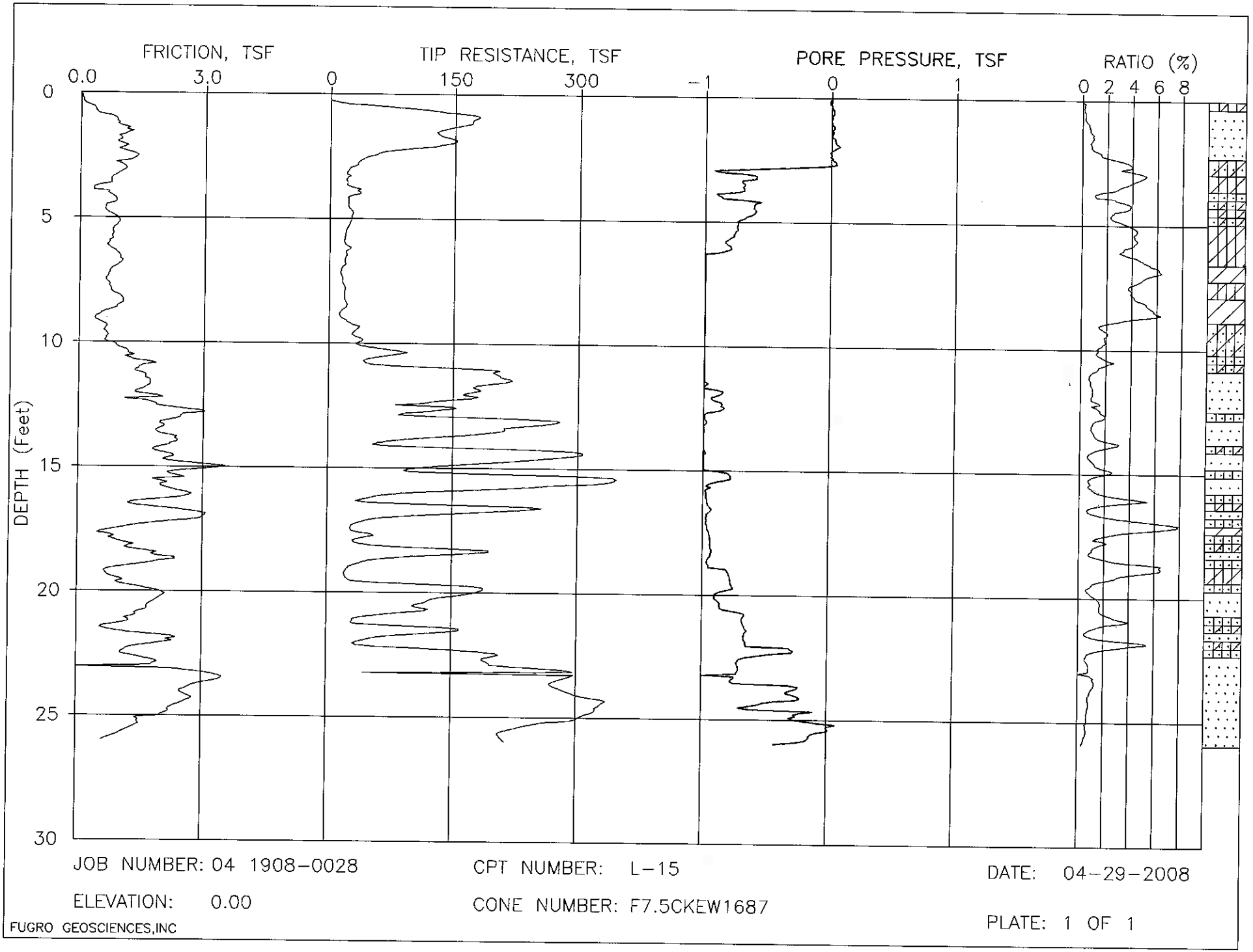
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 10:42:20 AM	Max fluorescence: 11.78% @ 15.02 ft
ROST Unit: III	Final depth BGS: 25.06 ft





JOB NUMBER: 04 1908−0028

ELEVATION: 0.00

CPT NUMBER: L−15

CONE NUMBER: F7.5CKEW1687

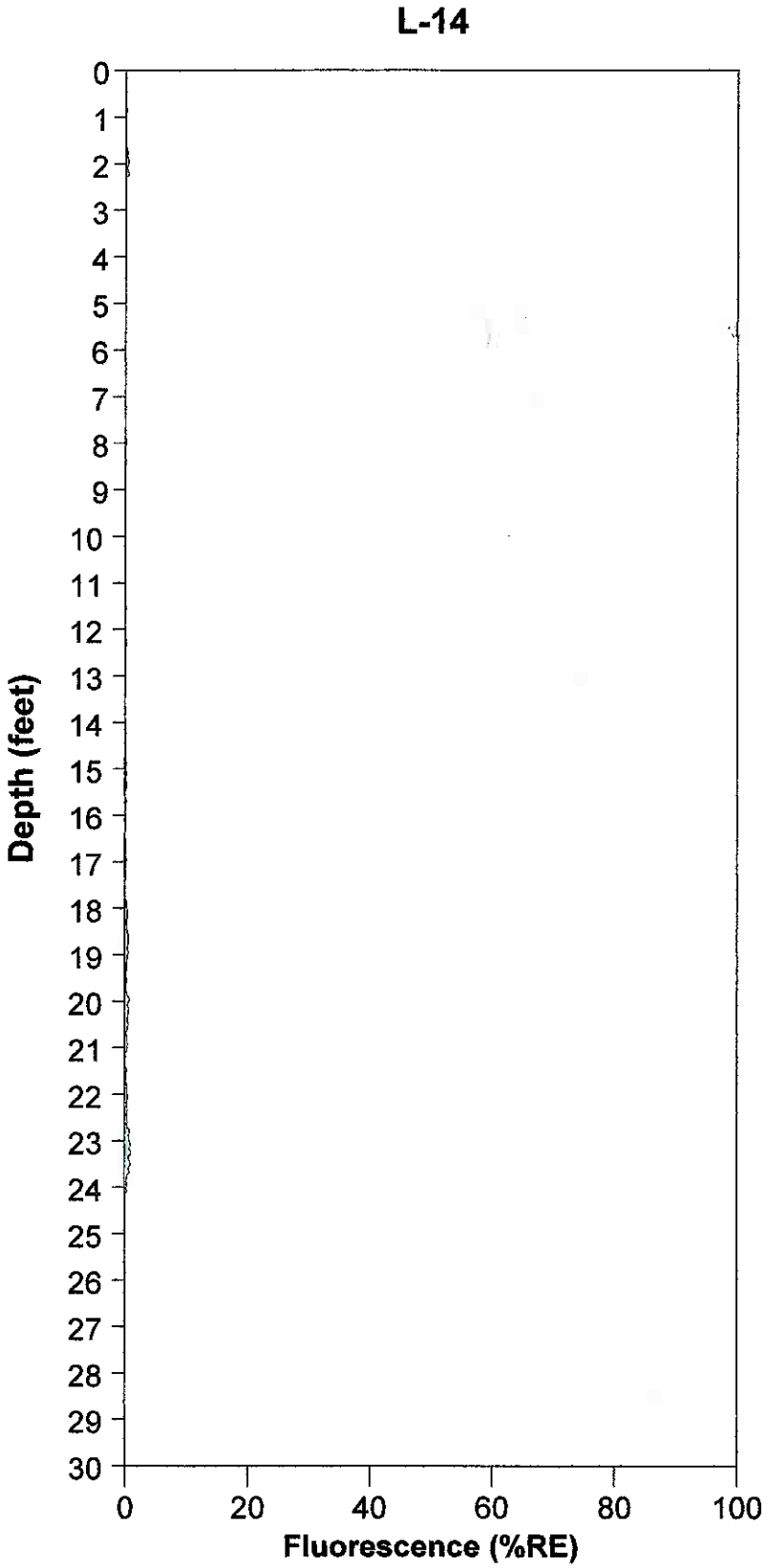
DATE: 04−29−2008

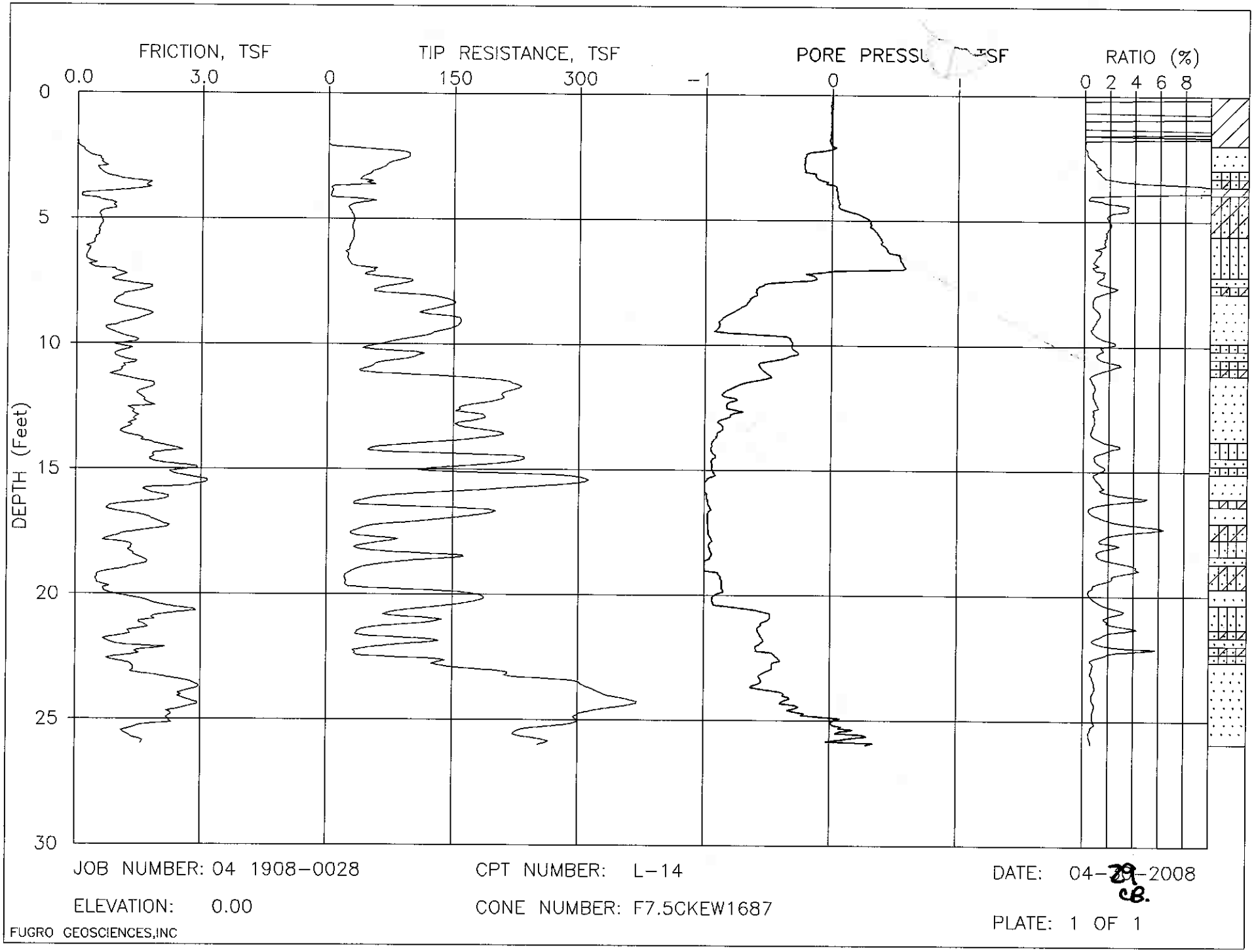
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 10:06:40 AM	Max fluorescence: 0.93% @ 23.23 ft
ROST Unit: III	Final depth BGS: 25.06 ft





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−14

DATE: 04−29−2008 CB.

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

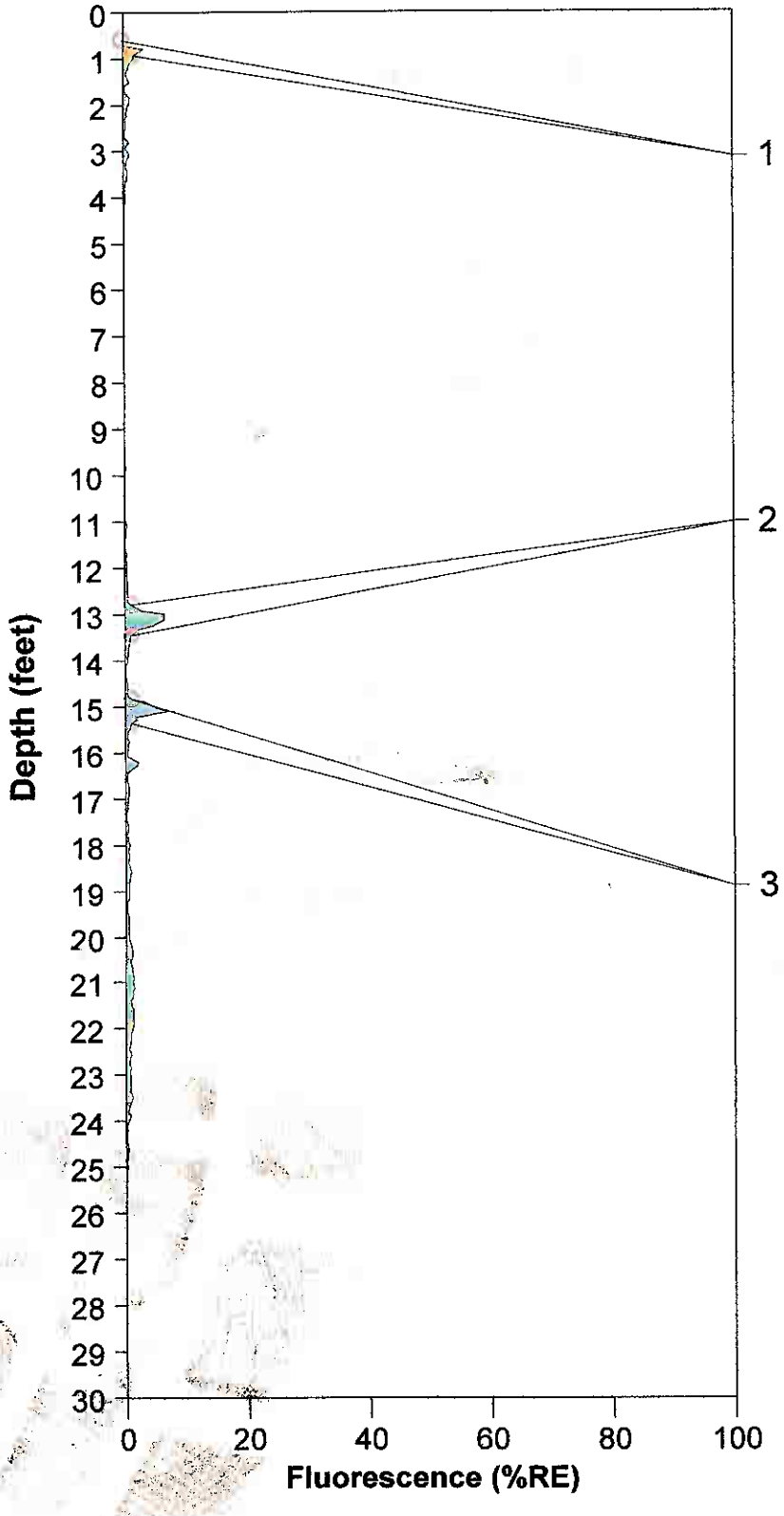
PLATE: 1 OF 1

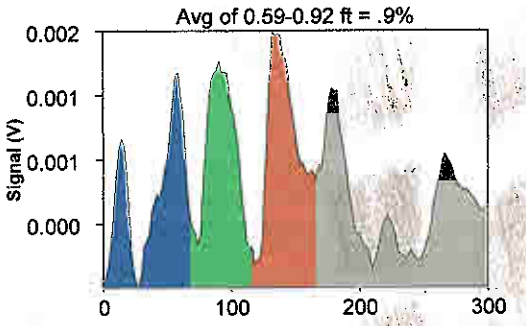
FUGRO GEOSCIENCES,INC

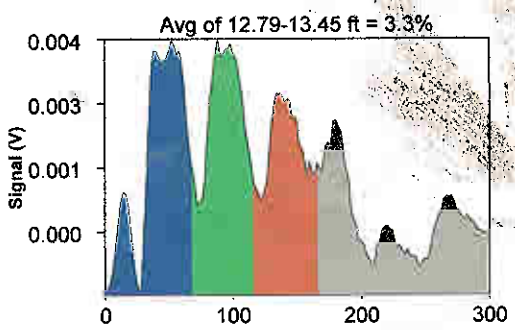
ROST Fluorescence Response Data

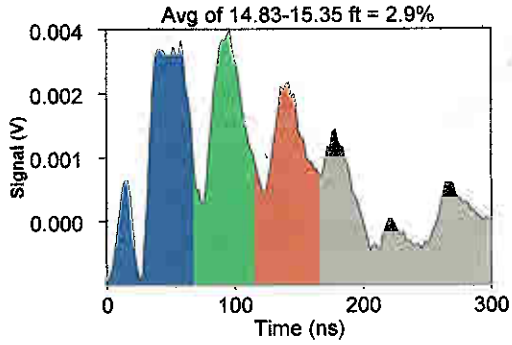
Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 9:18:44 AM	Max fluorescence: 6.83% @ 15.09 ft
ROST Unit: III	Final depth BGS: 25.06 ft

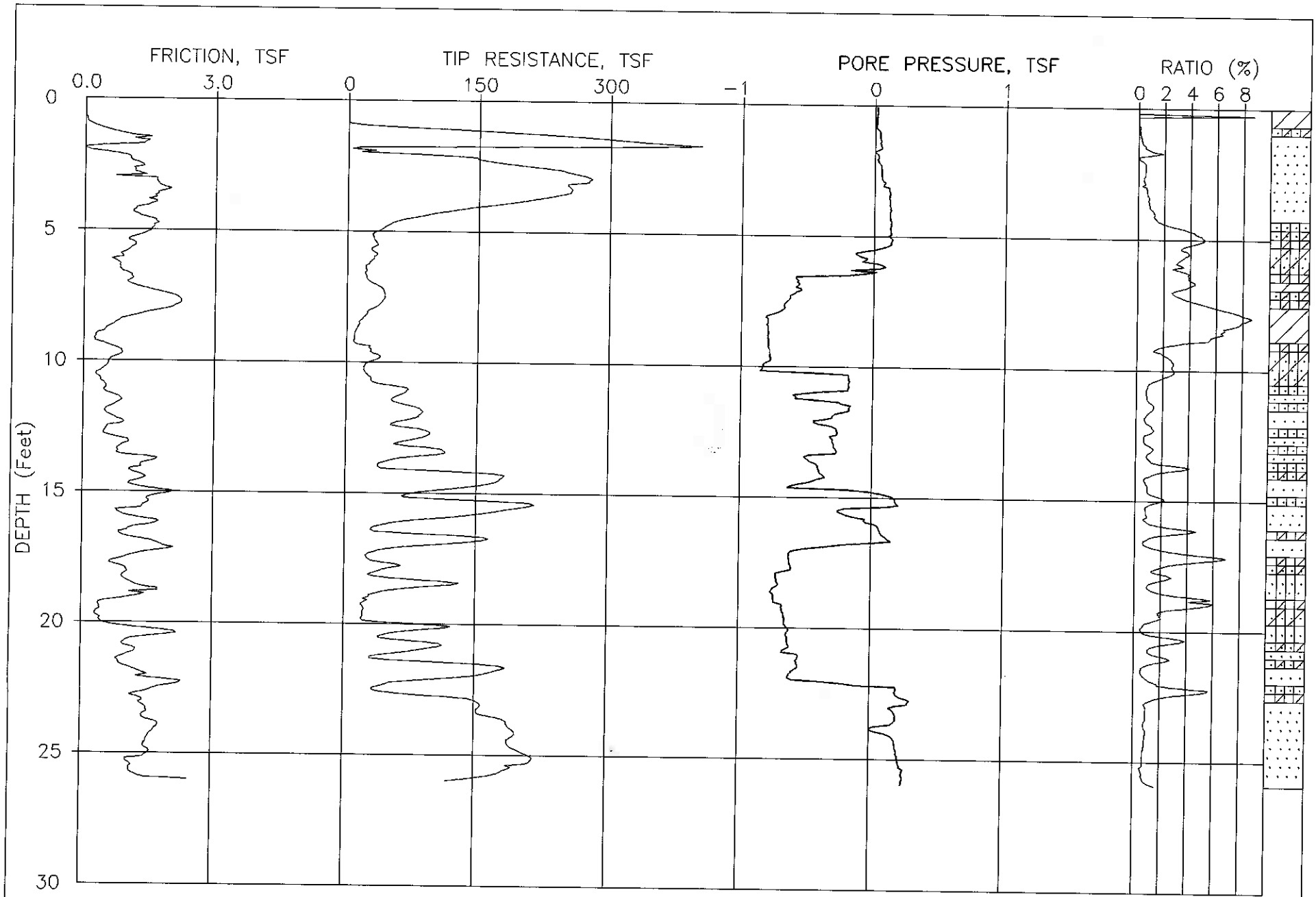
L-13











JOB NUMBER: 04 1908−0028

CPT NUMBER: L−13

DATE: 04−29−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

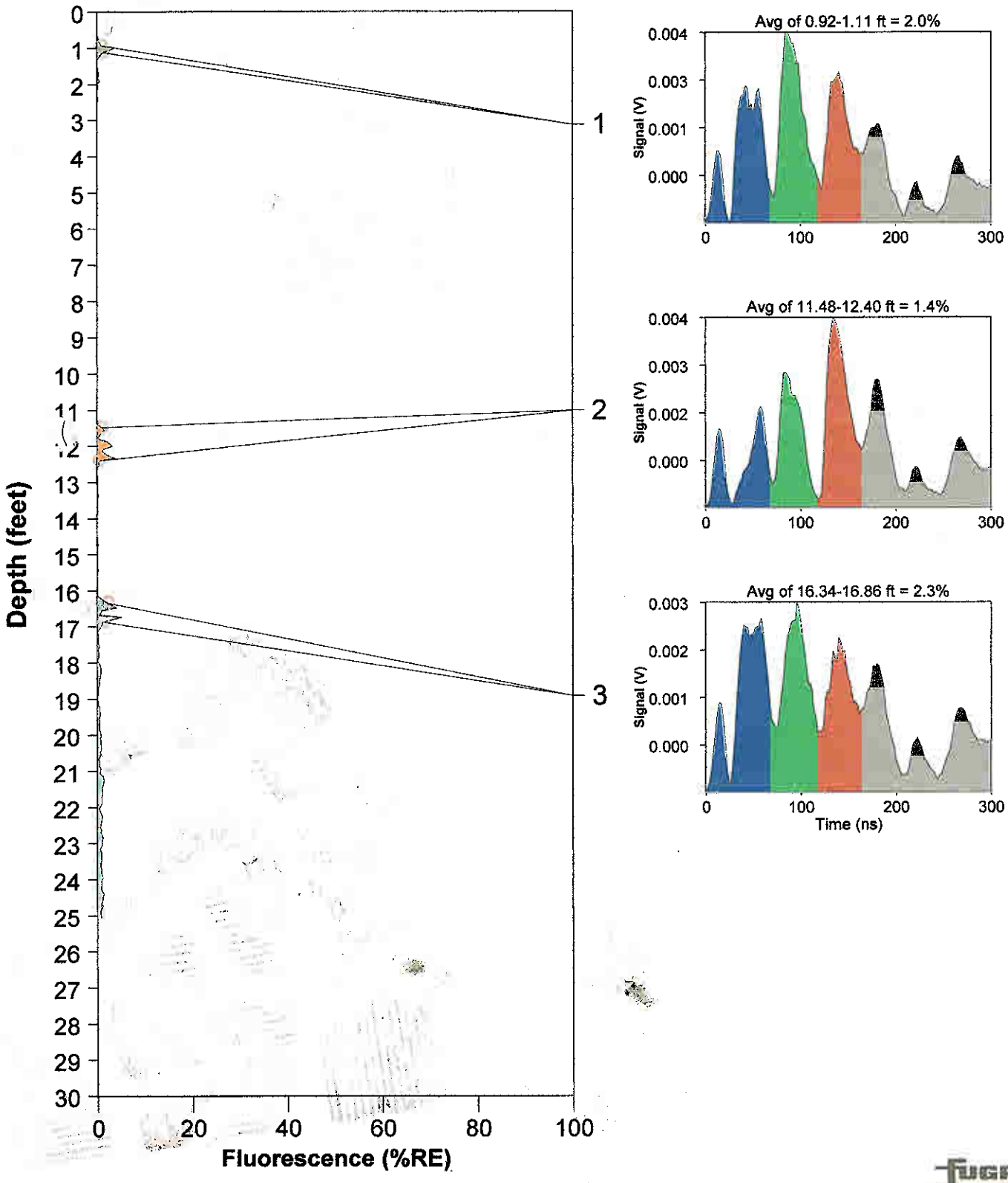
PLATE: 1 OF 1

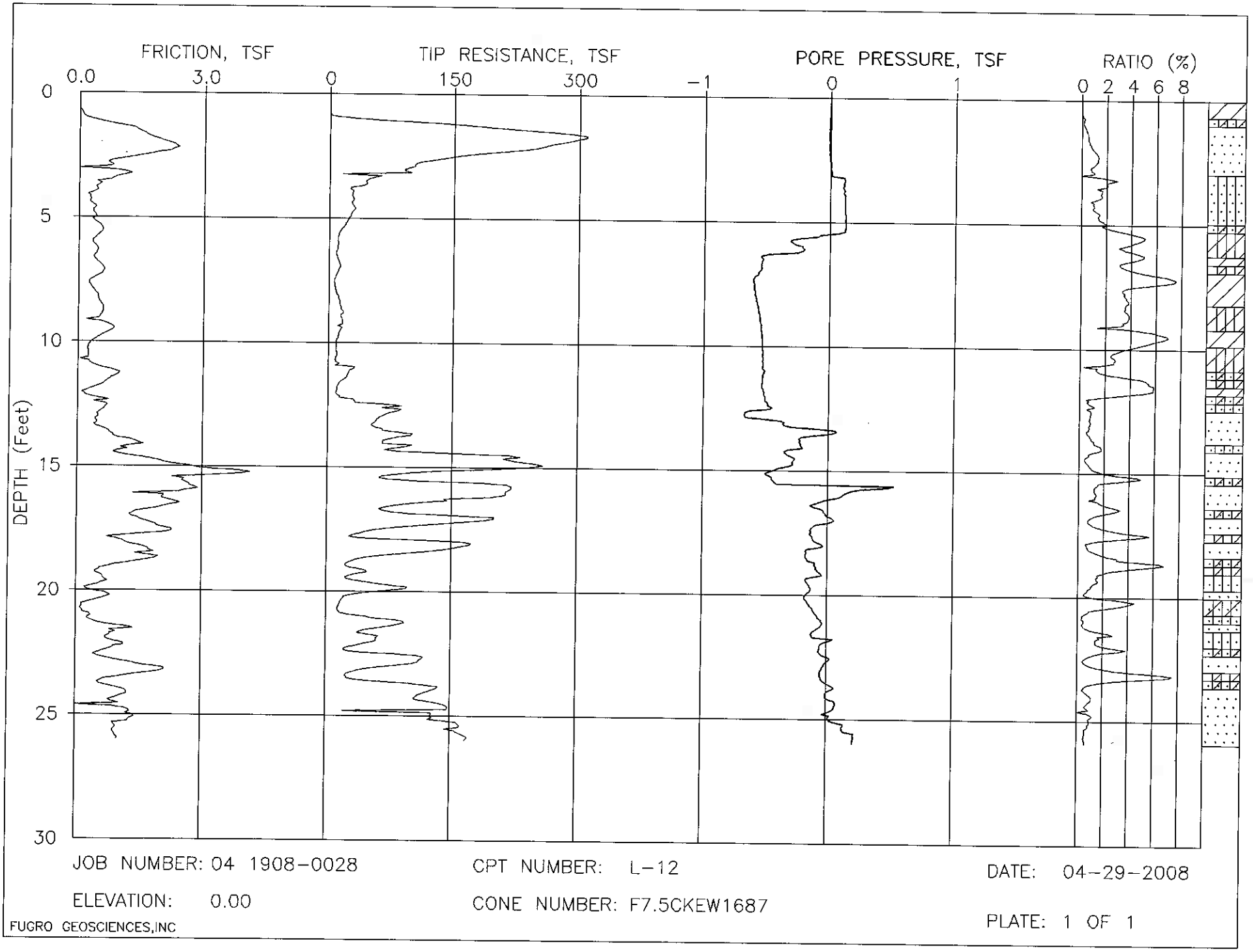
FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/29/2008 @ 8:27:05 AM	Max fluorescence: 5.02% @ 16.73 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-12





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−12

DATE: 04−29−2008

ELEVATION: 0.00

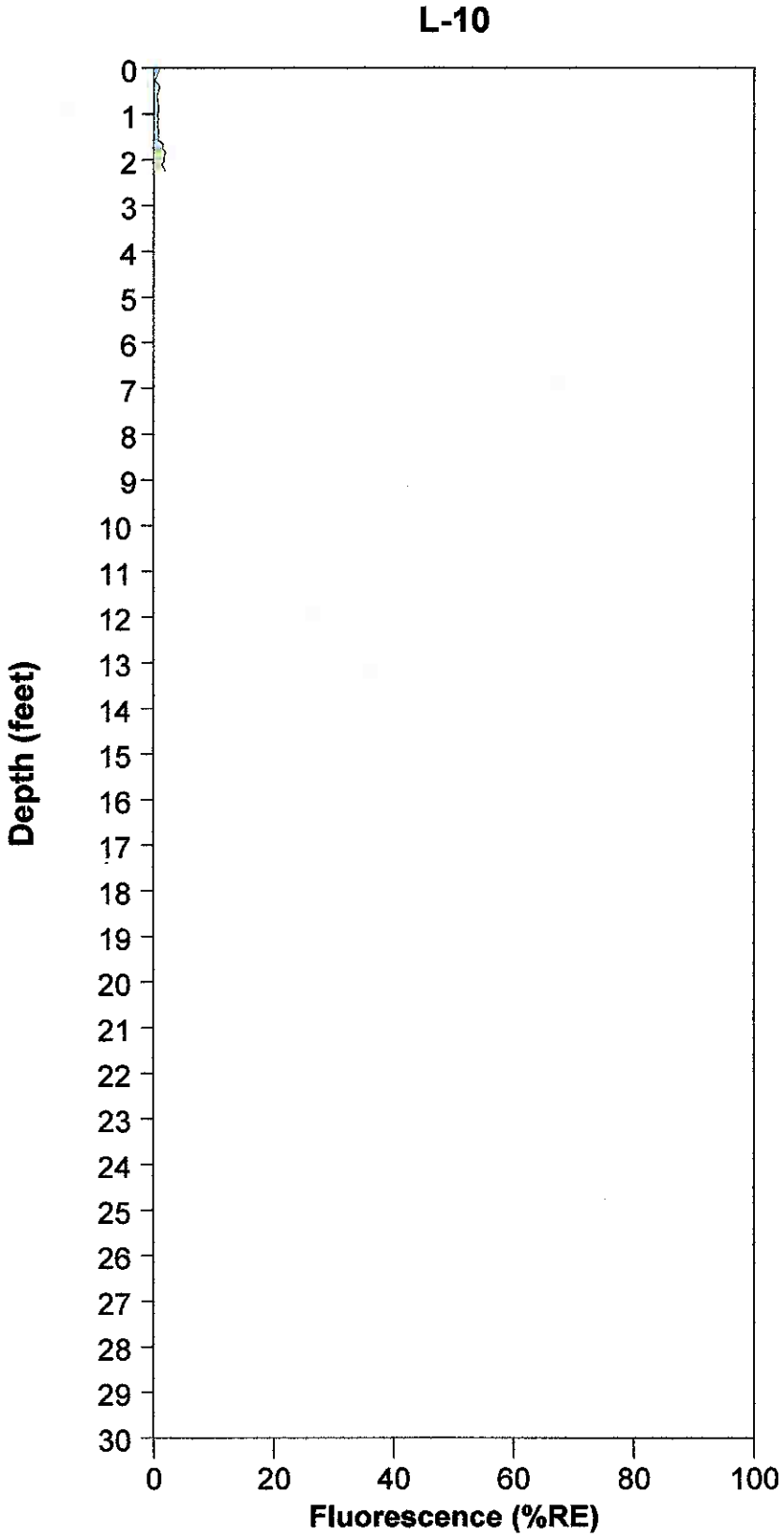
CONE NUMBER: F7.5CKEW1687

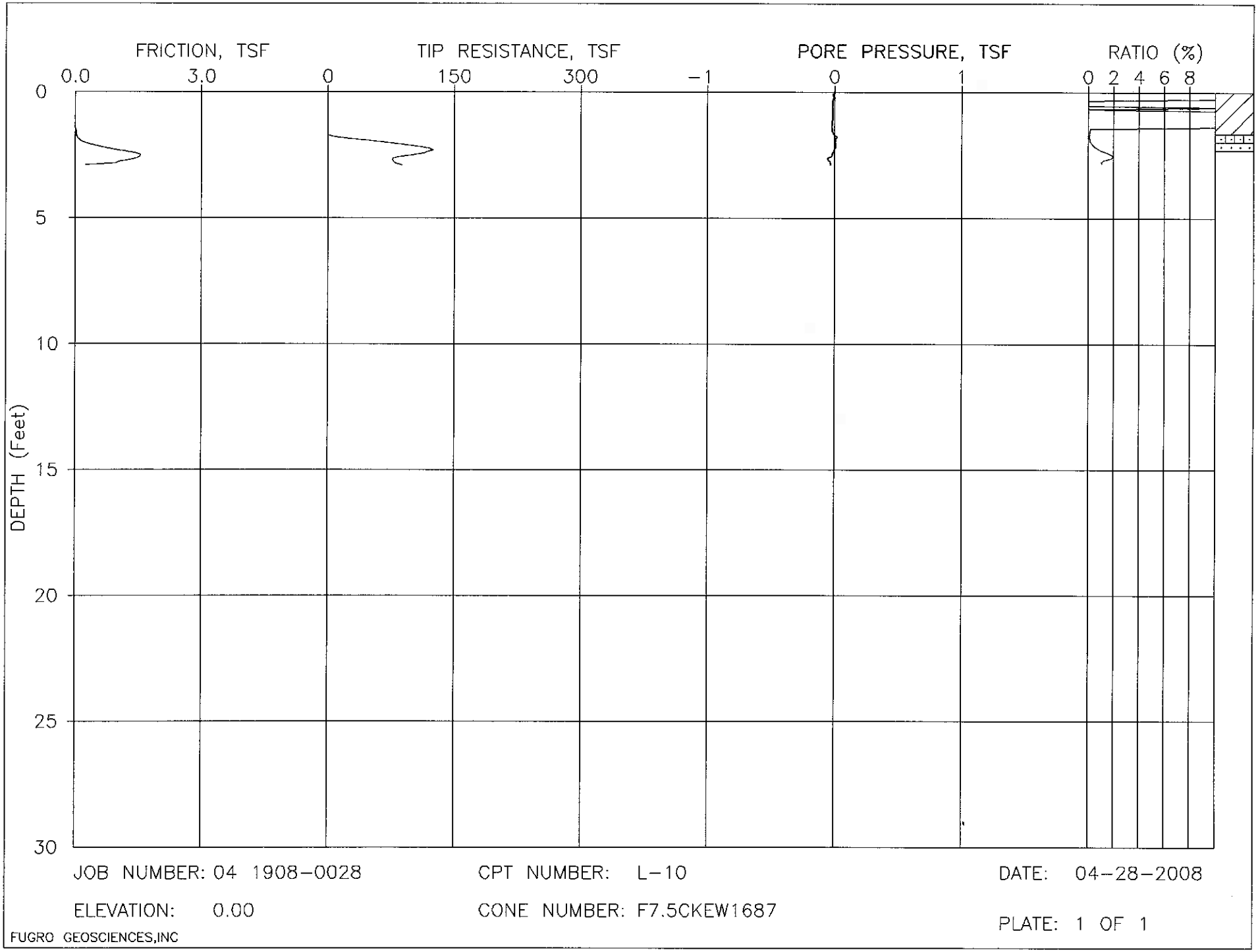
PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 4:14:40 PM	Max fluorescence: 1.88% @ 1.83 ft
ROST Unit: III	Final depth BGS: 2.23 ft





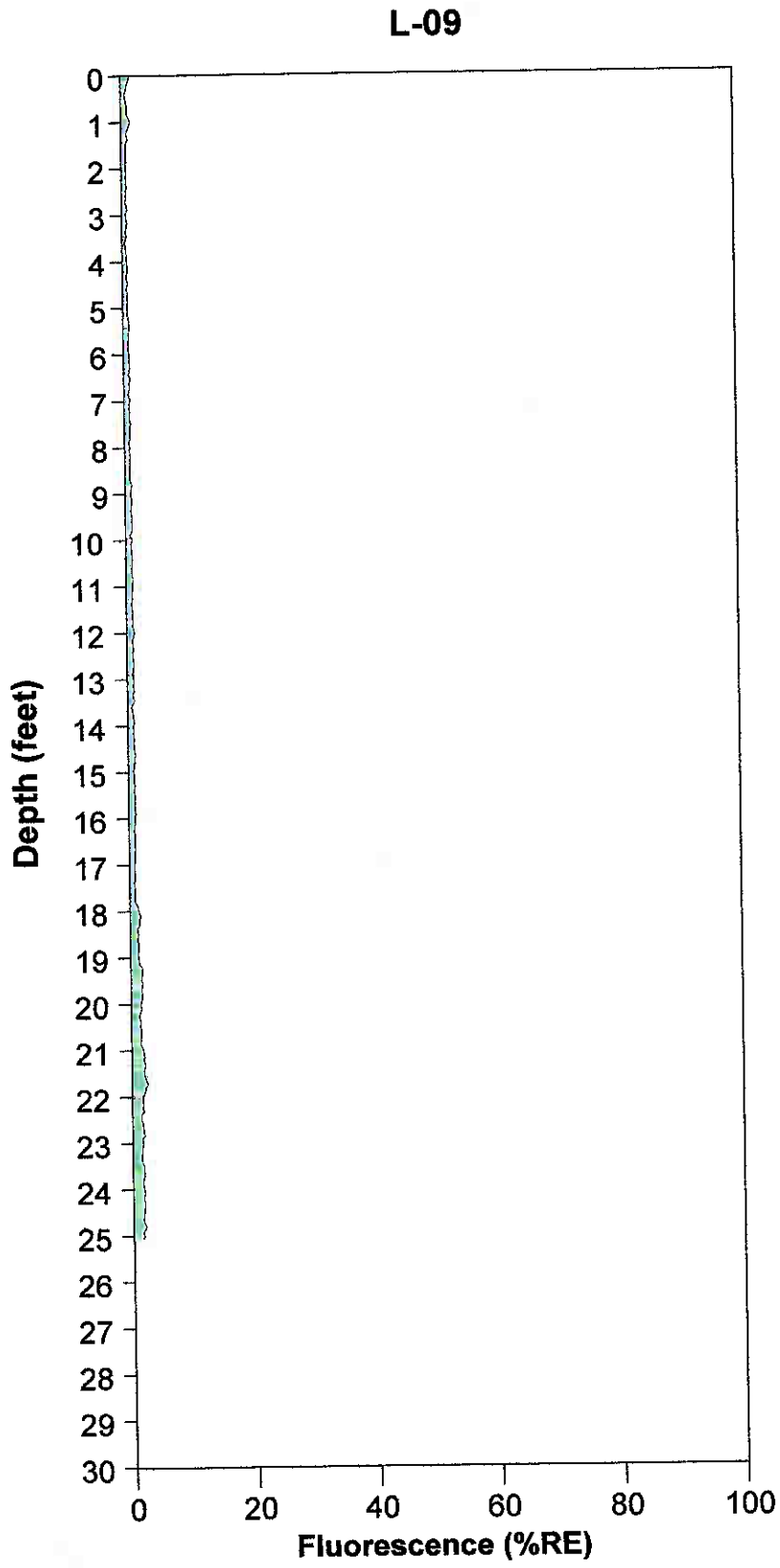
JOB NUMBER: 04 1908−0028 CPT NUMBER: L−10 DATE: 04−28−2008

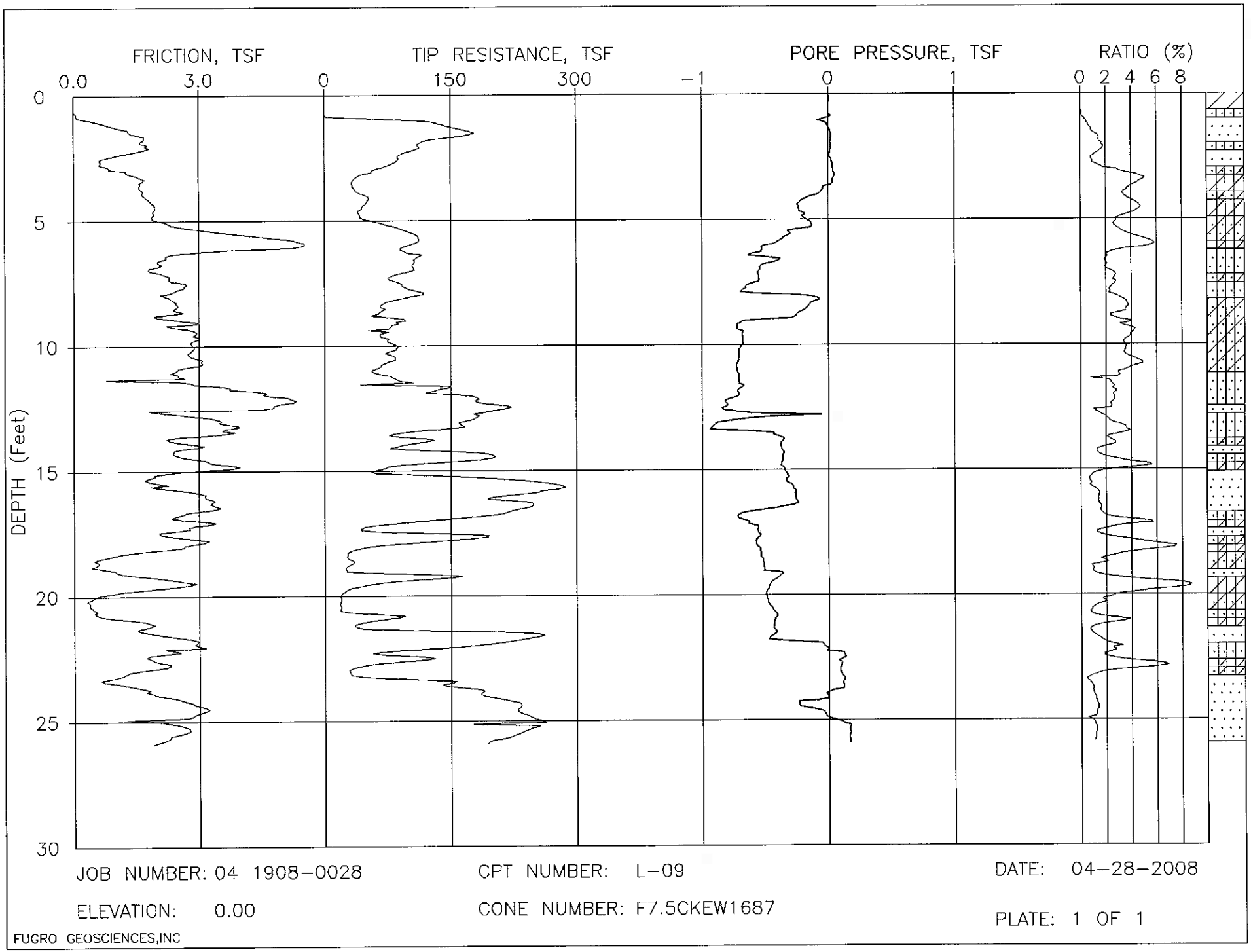
ELEVATION: 0.00 CONE NUMBER: F7.5CKEW1687 PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 3:45:38 PM	Max fluorescence: 2.52% @ 21.72 ft
ROST Unit: III	Final depth BGS: 25.06 ft





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−09

DATE: 04−28−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

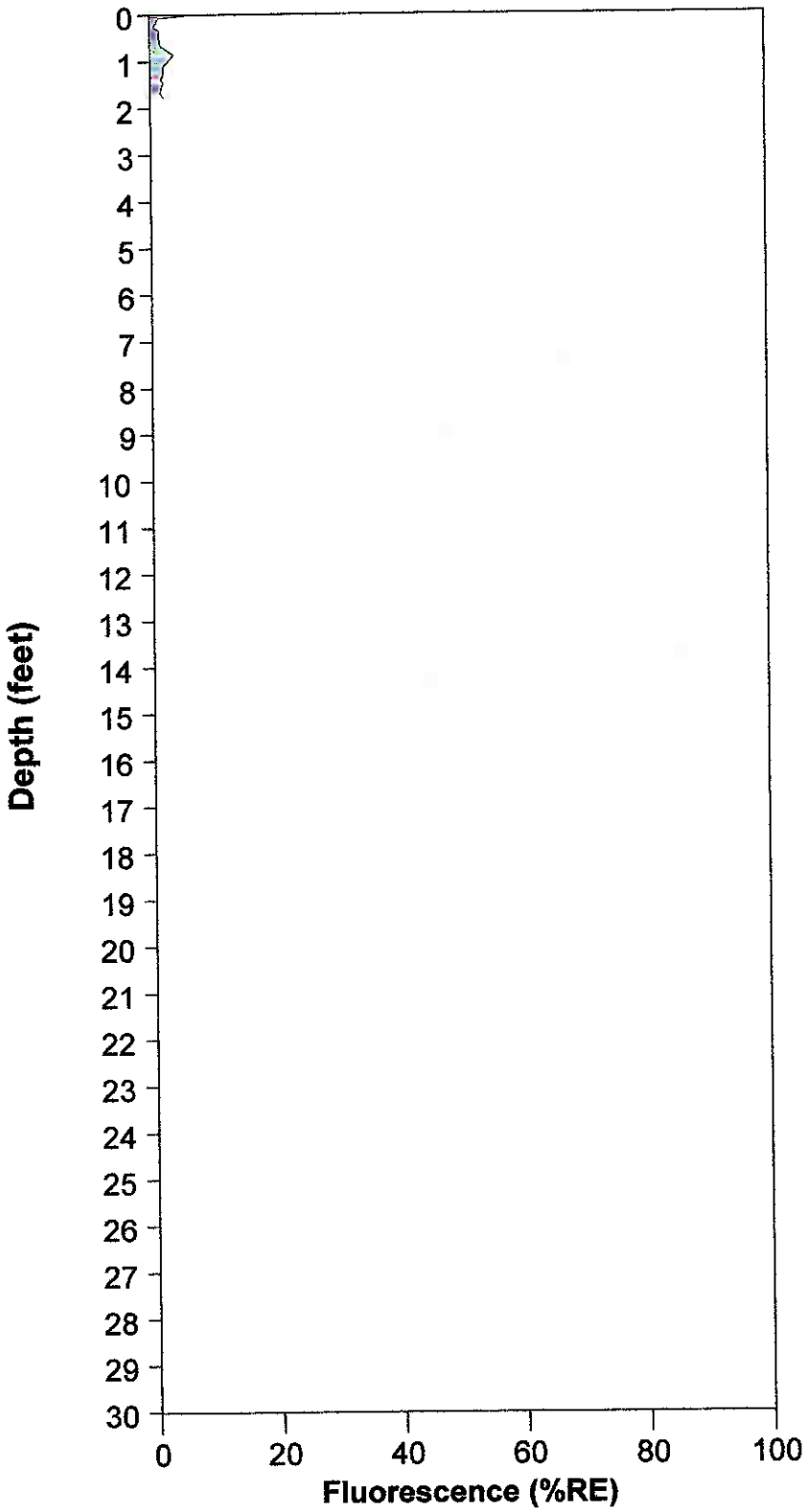
PLATE: 1 OF 1

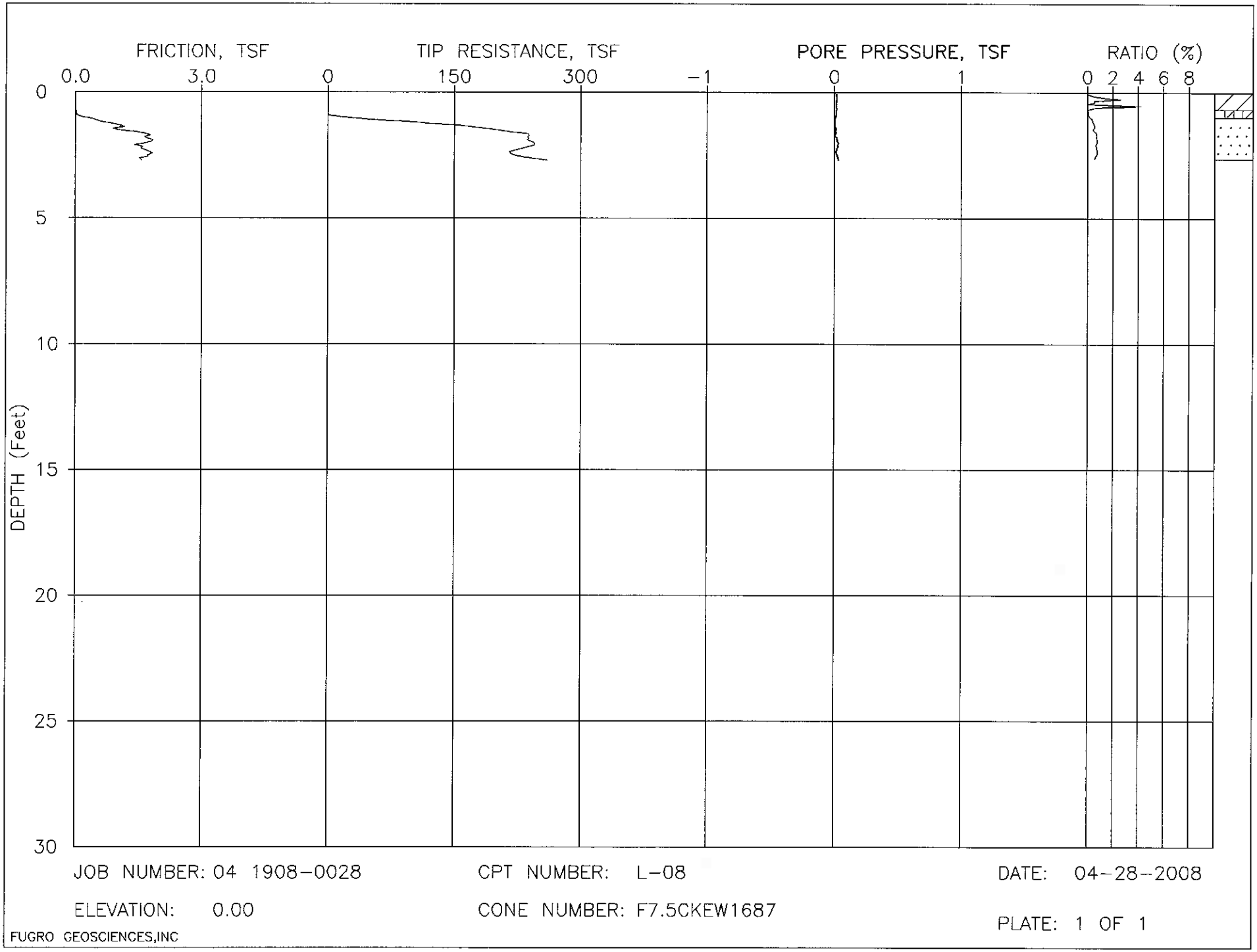
FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 3:27:28 PM	Max fluorescence: 5.96% @ 0.00 ft
ROST Unit: III	Final depth BGS: 1.77 ft

L-08





JOB NUMBER: 04 1908−0028

CPT NUMBER: L−08

DATE: 04−28−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

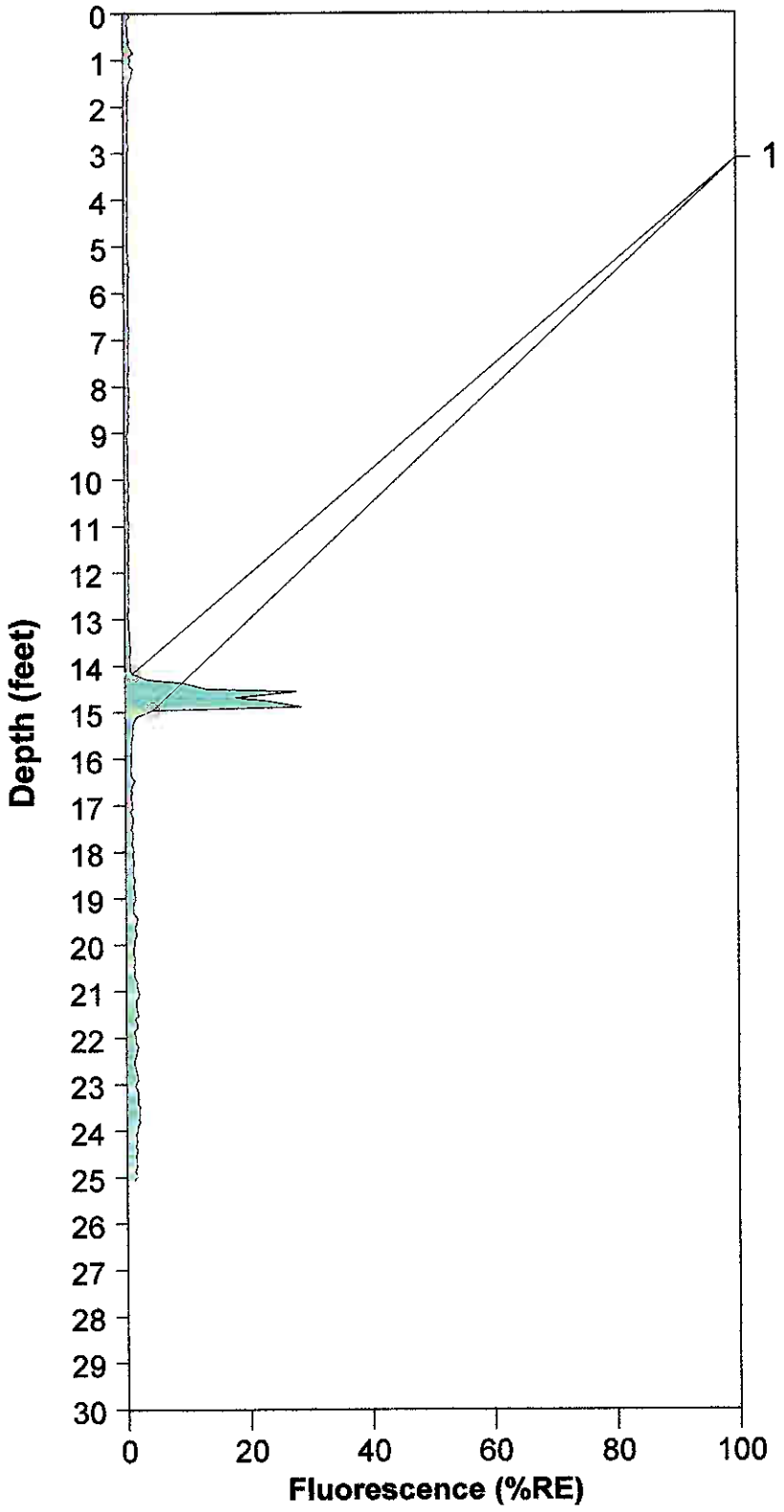
PLATE: 1 OF 1

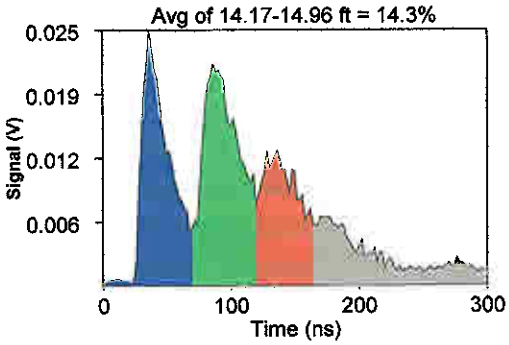
FUGRO GEOSCIENCES,INC

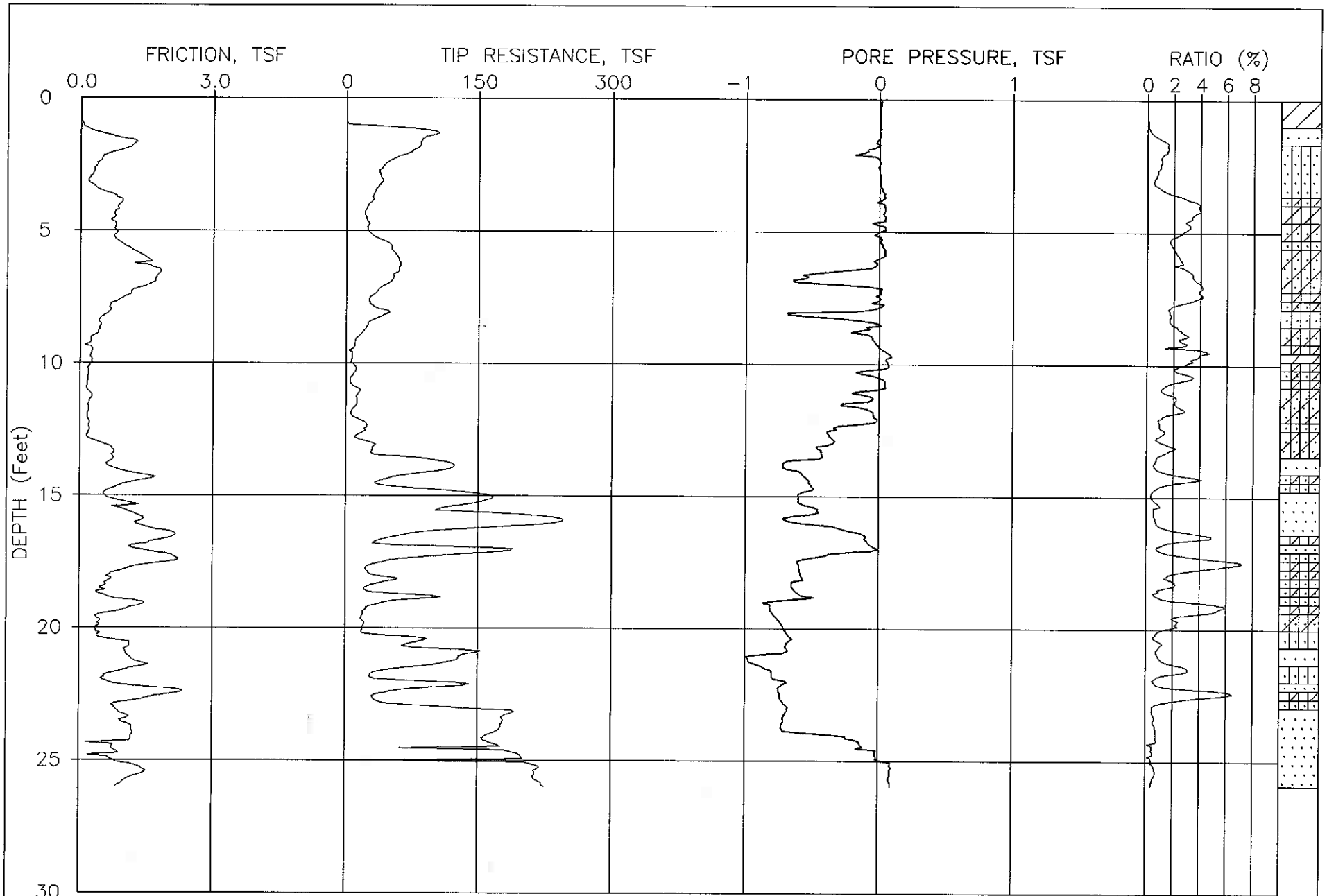
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 2:28:32 PM	Max fluorescence: 28.58% @ 14.89 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-06







JOB NUMBER: 04 1908−0028

CPT NUMBER: L−06

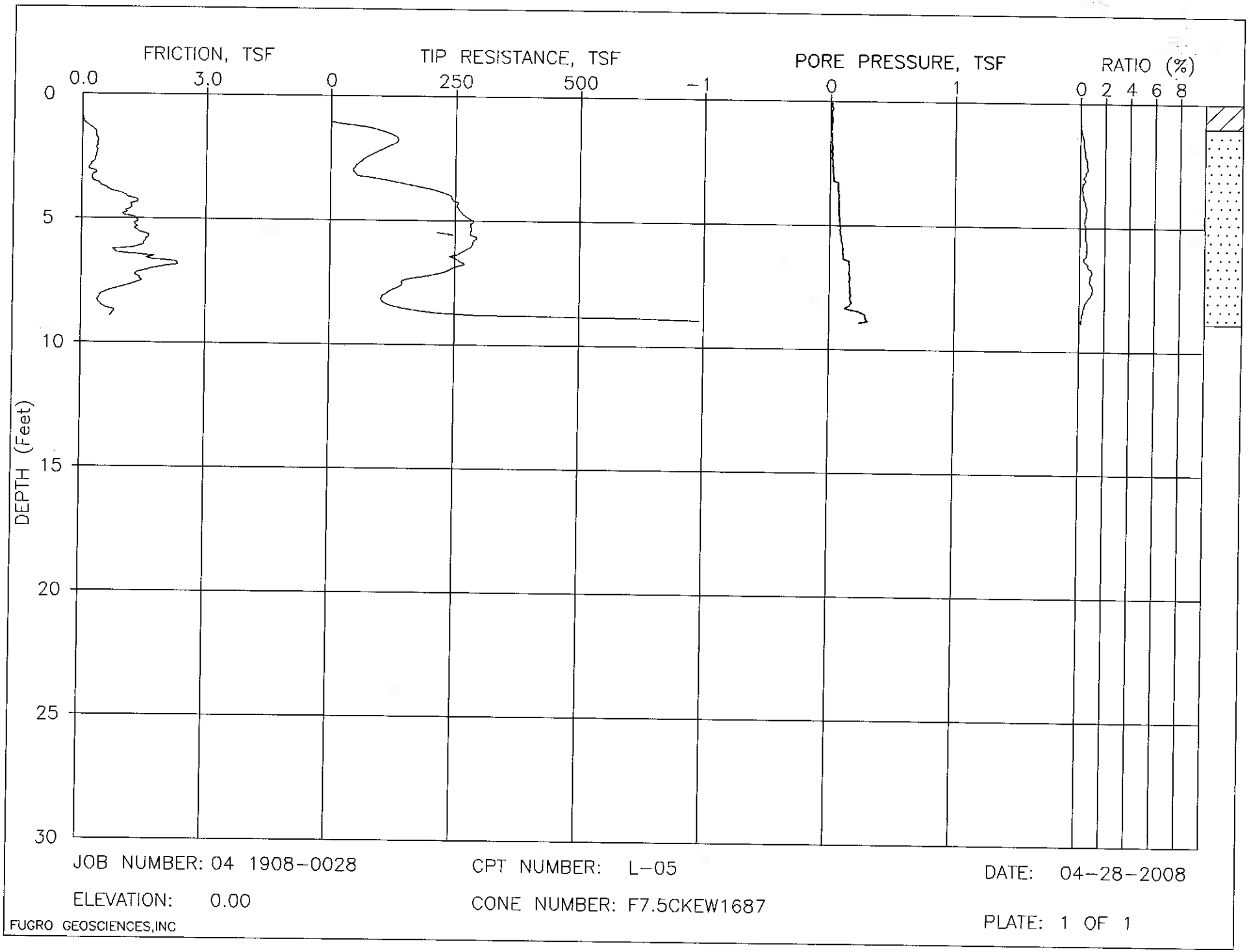
DATE: 04−28−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC



JOB NUMBER: 04 1908-0028

CPT NUMBER: L-05

DATE: 04-28-2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

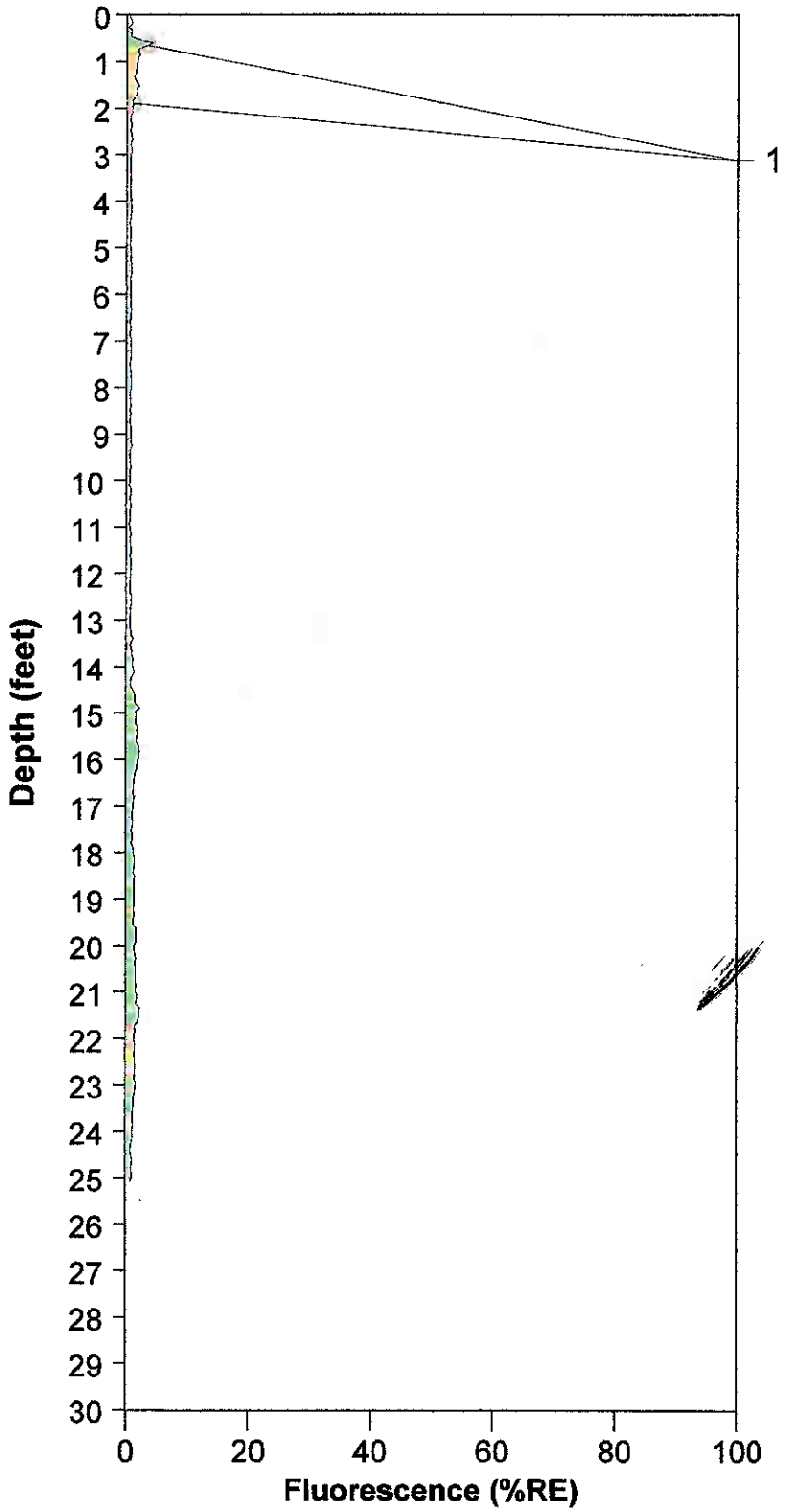
PLATE: 1 OF 1

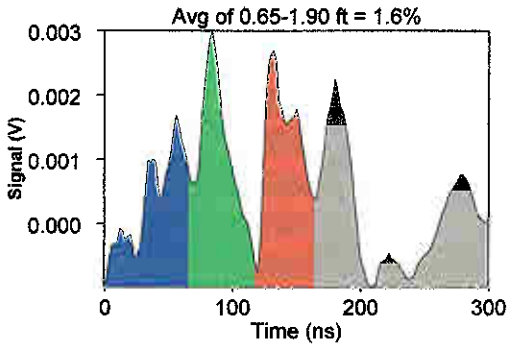
FUGRO GEOSCIENCES,INC

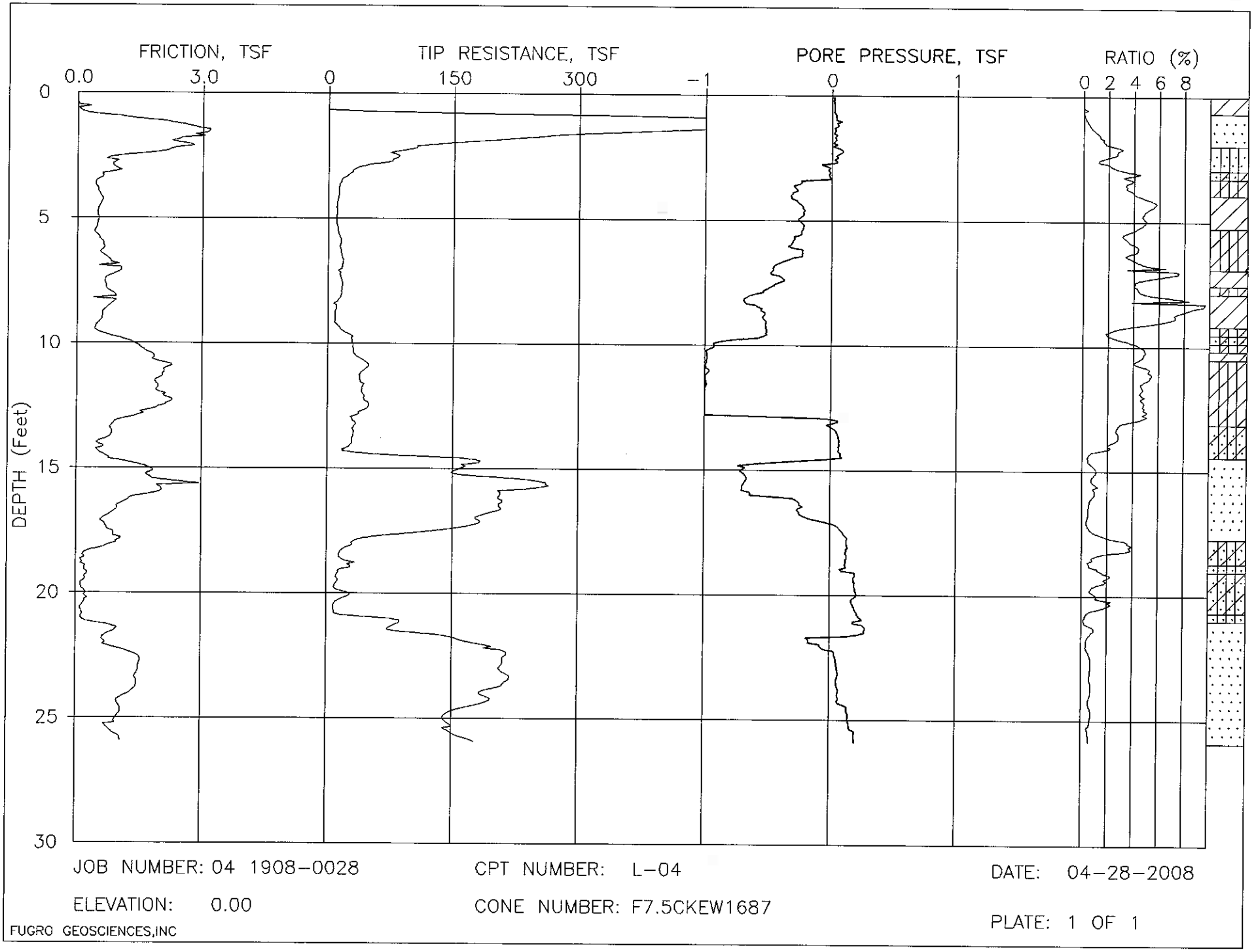
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 12:33:05 PM	Max fluorescence: 4.08% @ 0.59 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-04







JOB NUMBER: 04 1908−0028

CPT NUMBER: L−04

DATE: 04−28−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

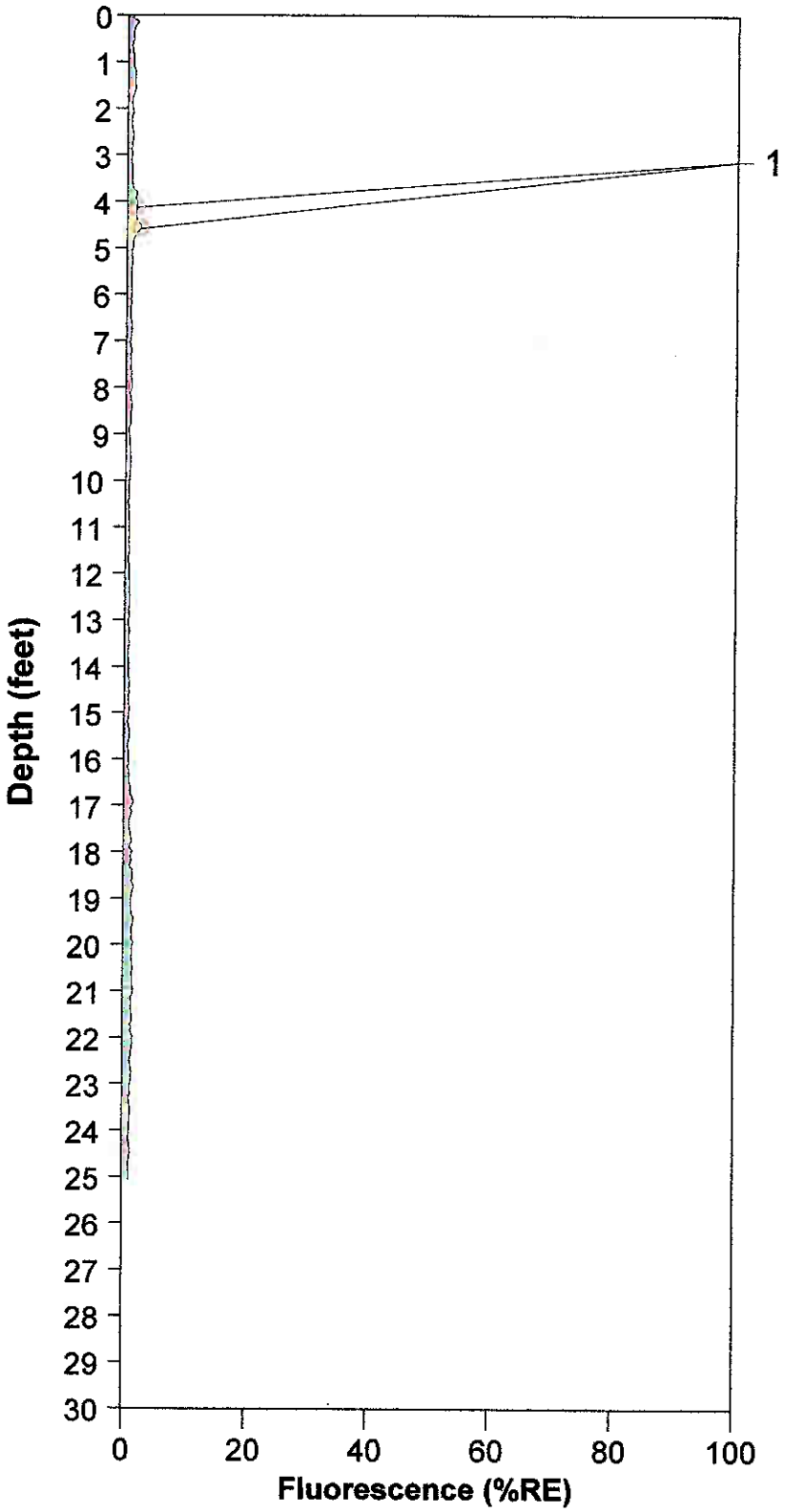
PLATE: 1 OF 1

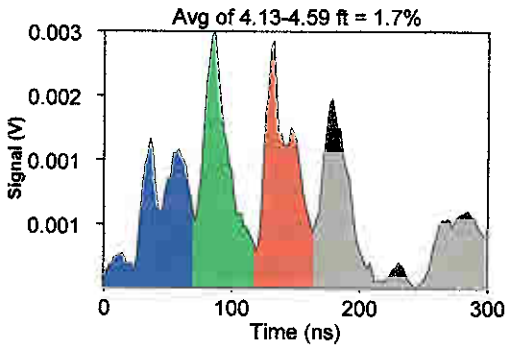
FUGRO GEOSCIENCES,INC

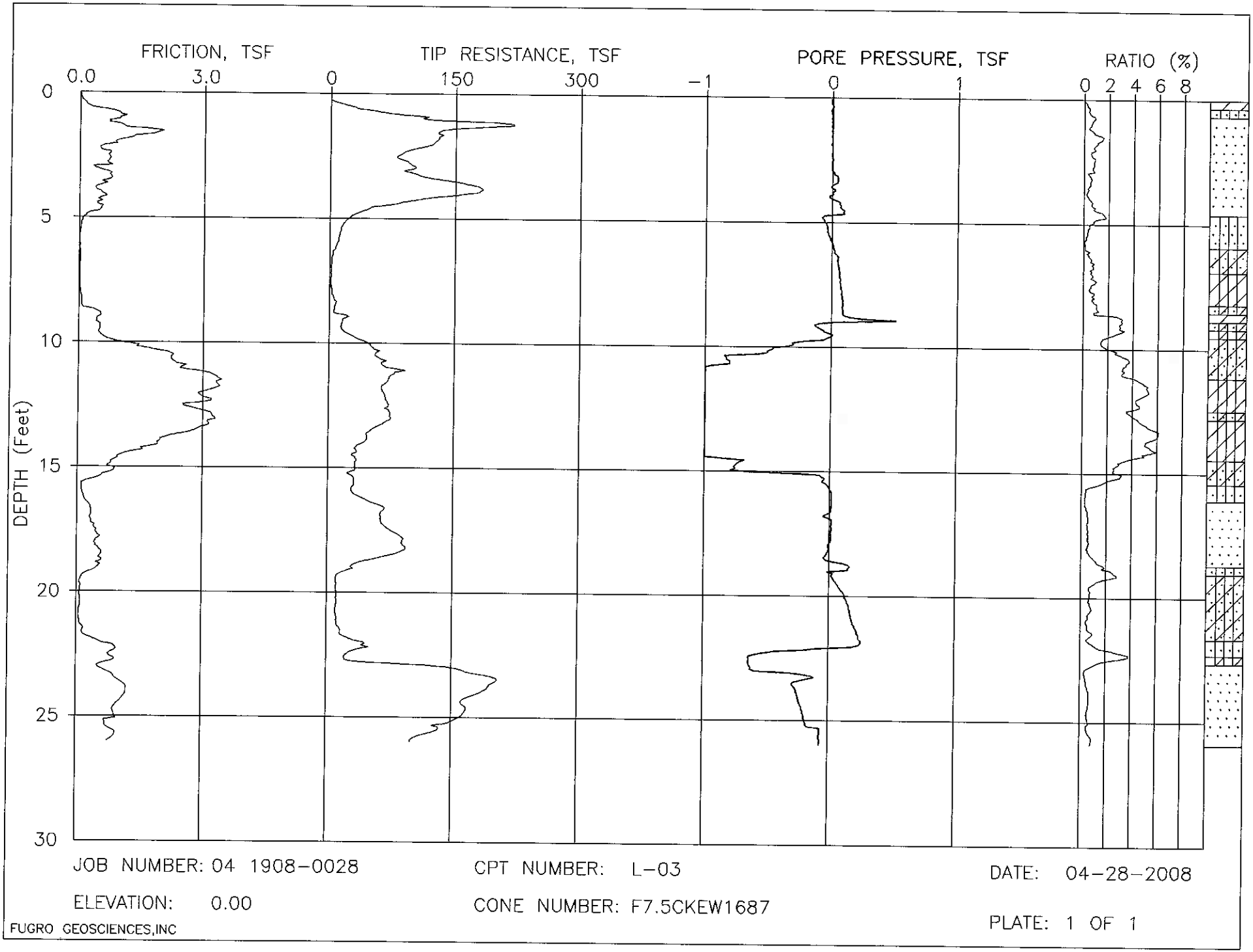
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 10:13:08 AM	Max fluorescence: 2.20% @ 4.52 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-03







JOB NUMBER: 04 1908−0028

CPT NUMBER: L−03

DATE: 04−28−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

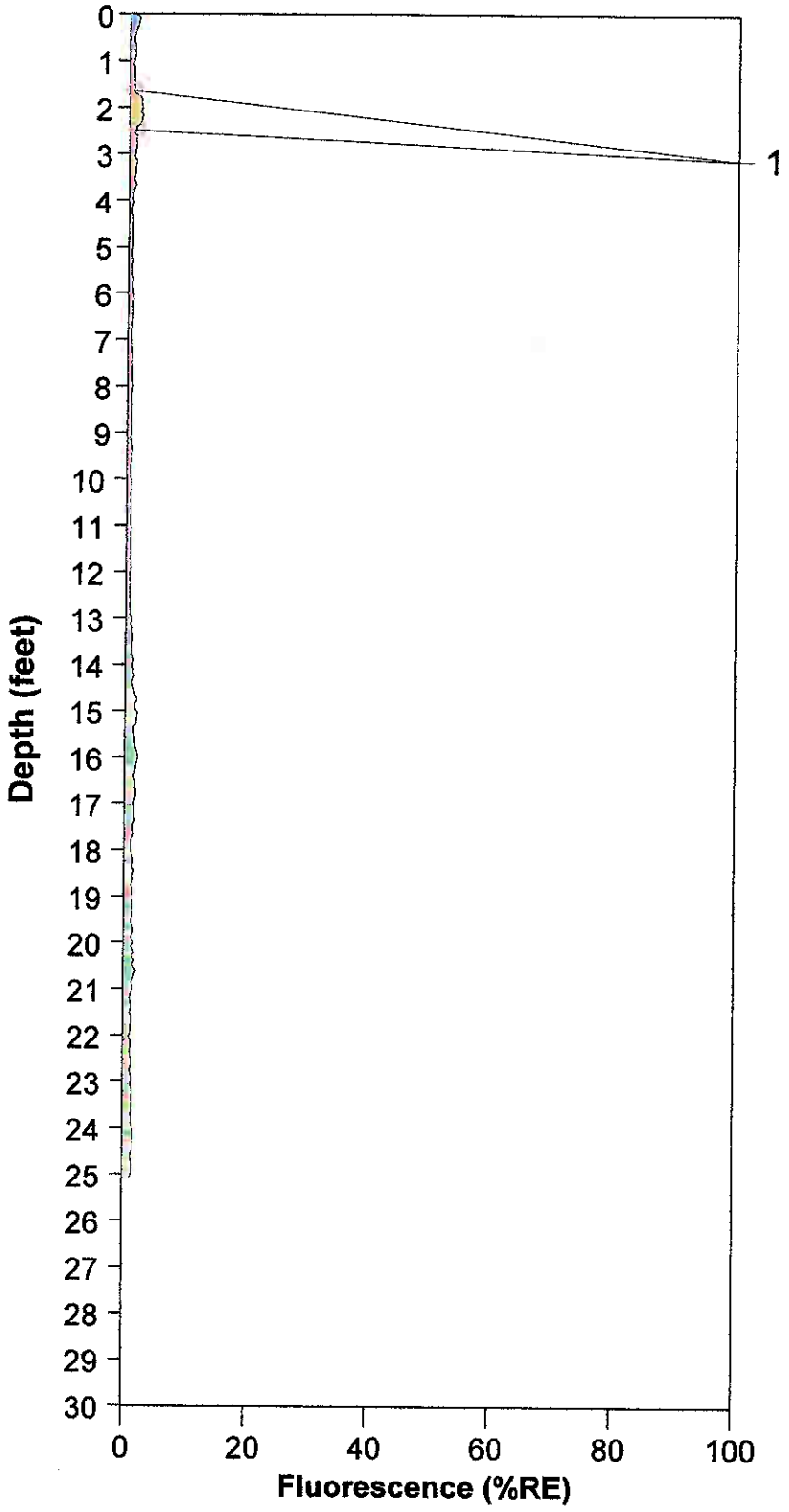
PLATE: 1 OF 1

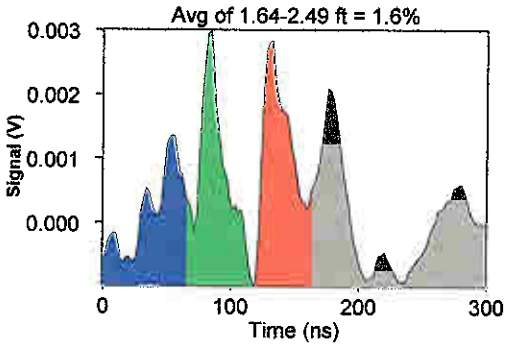
FUGRO GEOSCIENCES,INC

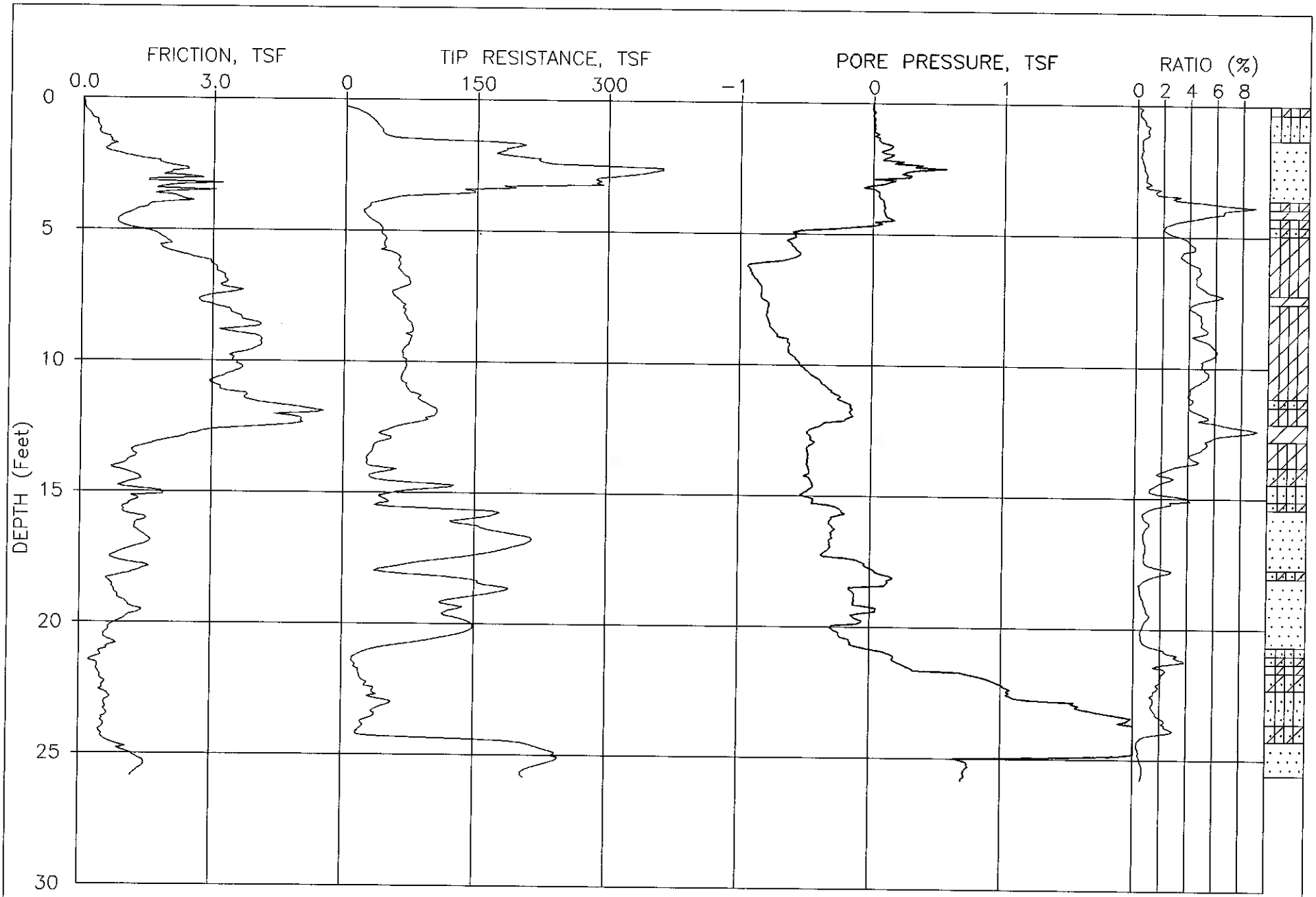
ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 10:33:27 AM	Max fluorescence: 2.17% @ 2.16 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-02







JOB NUMBER: 04 1908−0028

CPT NUMBER: L−02

DATE: 04−28−2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

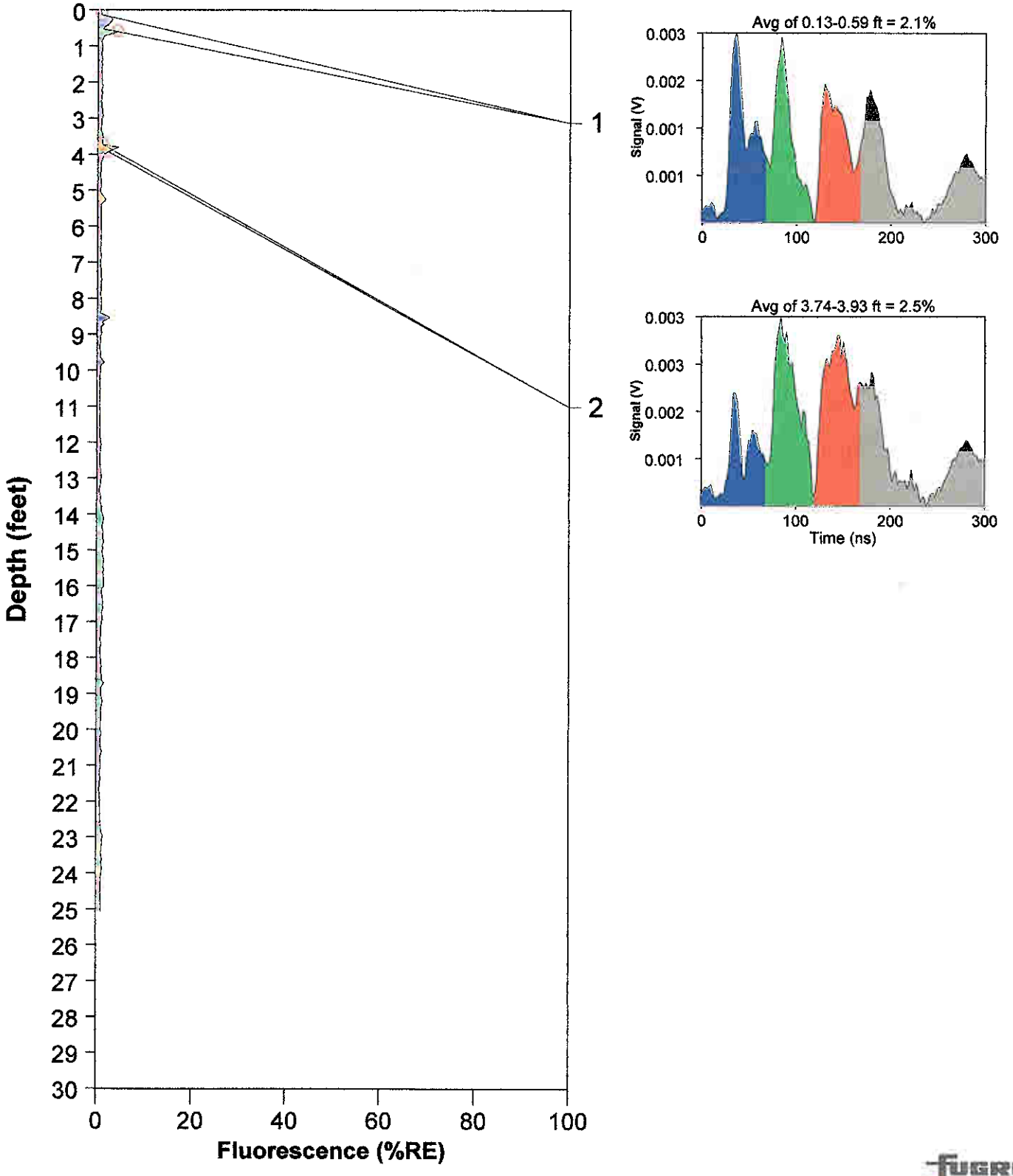
PLATE: 1 OF 1

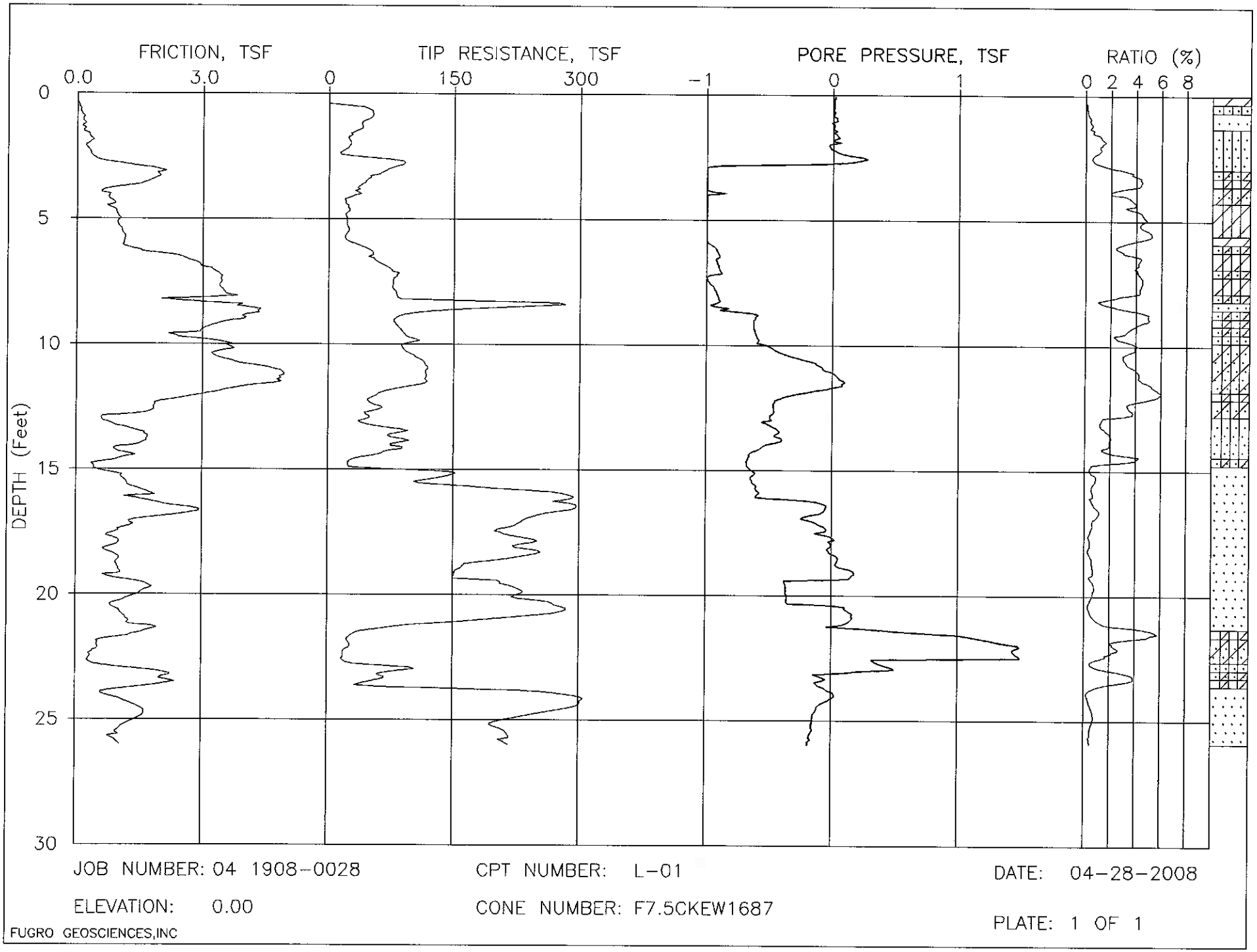
FUGRO GEOSCIENCES,INC

ROST Fluorescence Response Data

Site: GM. VALIDATION	Operator: Robert Biehle
Client: CRA.	Fugro Job #: 04 1908-0028
Date/Time: 4/28/2008 @ 10:25:23 AM	Max fluorescence: 4.26% @ 3.80 ft
ROST Unit: III	Final depth BGS: 25.06 ft

L-01





JOB NUMBER: 04 1908-0028

CPT NUMBER: L-01

DATE: 04-28-2008

ELEVATION: 0.00

CONE NUMBER: F7.5CKEW1687

PLATE: 1 OF 1

FUGRO GEOSCIENCES,INC

TABLE 4.2

DETECTED PARAMETERS IN GROUNDWATER
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*MW-40-07*	*MW-40-07*	*MW-48-07*	*MW-48-07*	*MW-63-08*	*MW-64-08*	*MW-68-08*	*TMW71-08*	*MW-74-08*	*MW-78-08*	*TMW-81-08*
Sample ID:		*GW-17322-010808-CB-014*	*GW-17322-010808-CB-015*	*GW-17322-040808-CB-006*	*GW-17322-040808-CB-007*	*GW-17322-040708-CB-002*	*GW-17322-040708-CB-001*	*GW-17322-040708-CB-005*	*WG-17322-031008-MC-002*	*GW-17322-040708-CB-004*	*GW-17322-040708-CB-003*	*WG-17322-031008-MC-001*
Sample Date:		*01/08/2008*	*01/08/2008*	*04/08/2008*	*04/08/2008*	*04/07/2008*	*04/07/2008*	*04/07/2008*	*03/10/2008*	*04/07/2008*	*04/07/2008*	*03/10/2008*
Sample Type:			*Duplicate*		*Duplicate*							
Parameter:	*Units*											
Volatile Organic Compounds												
1,1,1-Trichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	1000	1.0 U	4.0 U
1,1-Dichloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	230	1.0 U	4.0 U
1,1-Dichloroethene	ug/L	1.0 U	1.0 U	0.65 J	0.68 J	1.0 U	1.0 U	1.0 U	2.5 U	57 J	1.0 U	4.0 U
1,2,4-Trimethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
1,2-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
1,3,5-Trimethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
1,3-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
1,4-Dichlorobenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
2-Butanone (Methyl Ethyl Ketone)	ug/L	25 U	25 U	25 U	0.74 J	25 U	25 U	25 U	14 J	1900 U	25 U	36 J
2-Hexanone	ug/L	50 U	50 U	50 U	50 U	50 U	50 U	50 U	120 UJ	3800 U	50 U	3.8 J
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	50 UJ	50 UJ	50 U	50 U	50 U	0.79 J	50 U	3.0 J	3800 U	50 U	7.6 J
Acetone	ug/L	25 U	25 U	25 U	25 UJ	25 UJ	25 UJ	25 UJ	79 J	1900 UJ	25 UJ	180 J
Benzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
Carbon disulfide	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.8 J	380 U	5.0 U	20 U
Chloroethane	ug/L	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	2.5 U	77 UJ	1.0 UJ	4.0 U
Chloroform (Trichloromethane)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23 J	2.5 U	17 J	1.0 U	4.0 U
cis-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.60 J	76 J	1.0 U	4.0 U
Cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
Ethylbenzene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
Isopropylbenzene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	12 U	380 U	5.0 U	20 U
Methyl acetate	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	25 U	770 U	10 U	40 U
Methyl cyclohexane	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
Methyl Tert Butyl Ether	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	12 U	380 U	5.0 U	20 U
Methylene chloride	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	12 U	380 U	5.0 U	20 U
Tetrachloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	2.5 U	77 UJ	1.0 UJ	4.0 U
Toluene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.58 J	77 U	1.0 U	4.0 U
trans-1,2-Dichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	77 U	1.0 U	4.0 U
Trichloroethene	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U	2100	1.0 U	4.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	2.5 U	77 UJ	1.0 UJ	4.0 U
Vinyl chloride	ug/L	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	0.79 J	77 U	1.0 U	4.0 U
Xylene (total)	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5.0 U	150 U	2.0 U	8.0 U
Semi-Volatile Organic Compounds												
2,6-Dinitrotoluene	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	9.0 U	5.0 U	--
2-Methylnaphthalene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.36 U	0.20 U	--
Acenaphthene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.66	0.20 U	--
Acenaphthylene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.36 U	0.20 U	--
Acetophenone	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.8 U	1.0 U	--
Anthracene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	1.3	0.20 U	--
Benzo(a)anthracene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.35	--	3.4	0.20 U	--
Benzo(a)pyrene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.30	--	3.3	0.20 U	--
Benzo(b)fluoranthene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.35	--	4.1	0.20 U	--
Benzo(g,h,i)perylene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	2.2	0.20 U	--
Benzo(k)fluoranthene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	1.7	0.20 U	--
Biphenyl	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.8 U	1.0 U	--
bis(2-Ethylhexyl)phthalate	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.97 J	--	0.90 J	1.0 U	--
Caprolactam	ug/L	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	--	9.0 UJ	5.0 UJ	--
Carbazole	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	0.97 J	1.0 U	--
Chrysene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.32	--	3.3	0.20 U	--
Dibenz(a,h)anthracene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.61	0.20 U	--
Dibenzofuran	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.8 U	1.0 U	--
Di-n-butylphthalate	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	0.73 J	1.0 U	--
Fluoranthene	ug/L	0.20 U	0.20 U	0.24	0.20 U	0.20 U	0.20 U	0.74	--	8.4	0.20 U	--

TABLE 4.2

DETECTED PARAMETERS IN GROUNDWATER
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***MW-40-07***	***MW-40-07***	***MW-48-07***	***MW-48-07***	***MW-63-08***	***MW-64-08***	***MW-68-08***	***TMW71-08***	***MW-74-08***	***MW-78-08***	***TMW-81-08***
Sample ID:		***GW-17322-010808-CB-014***	***GW-17322-010808-CB-015***	***GW-17322-040808-CB-006***	***GW-17322-040808-CB-007***	***GW-17322-040708-CB-002***	***GW-17322-040708-CB-001***	***GW-17322-040708-CB-005***	***WG-17322-031008-MC-002***	***GW-17322-040708-CB-004***	***GW-17322-040708-CB-003***	***WG-17322-031008-MC-001***
Sample Date:		***01/08/2008***	***01/08/2008***	***04/08/2008***	***04/08/2008***	***04/07/2008***	***04/07/2008***	***04/07/2008***	***03/10/2008***	***04/07/2008***	***04/07/2008***	***03/10/2008***
Sample Type:			***Duplicate***		***Duplicate***							
Parameter:	***Units***											
Fluorene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.72	0.20 U	--
Indeno(1,2,3-cd)pyrene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	2.0	0.20 U	--
Naphthalene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.36 U	0.20 U	--
Phenanthrene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.59	--	5.8	0.20 U	--
Pyrene	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.59	--	6.3	0.20 U	--
Metals												
Aluminum	ug/L	19.8 J	25.2 J	22.5 J	26.2 J	172	157	467	--	459	92.8	--
Antimony	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	0.17 J	0.78 J	0.30 J	--	0.51 J	0.39 J	--
Arsenic	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	--	5.0 U	5.0 U	--
Barium	ug/L	103	102	299	293	111	46.7 J	23.4 J	--	90.8 J	43.5 J	--
Beryllium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--
Cadmium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--
Calcium	ug/L	121000	119000	143000	142000	141000	73200	73200	--	118000	164000	--
Chromium III (Trivalent)	mg/L	0.0050 UJ	0.0050 UJ	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	--	0.0050 U	0.0050 U	--
Chromium Total	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	3.3 J	2.4 J	--	2.4 J	5.0 U	--
Chromium VI (Hexavalent)	mg/L	0.01 UJ	0.01 UJ	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	--	0.01 U	0.01 U	--
Cobalt	ug/L	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U	--	13.3	7.0 U	--
Copper	ug/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.3 U	2.0 U	--	4.1	2.0 U	--
Iron	ug/L	106	82.5 J	7670	7880	539	1080	711	--	1250	166	--
Lead	ug/L	3.0 U	3.0 U	3.0 U	3.0 U	22.5	3.0 U	3.0 U	--	3.0 U	2.5 J	--
Magnesium	ug/L	80000	77700	33500	33000	32100	24500	19200	--	29800	56400	--
Manganese	ug/L	87.3	89.8	324	323	595	91.7	23.1	--	475	238	--
Mercury	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.12 J	0.20 U	--	0.20 U	0.12 J	--
Nickel	ug/L	3.2 J	4.3 J	20.0 U	20.0 U	20.0 U	20.0 U	20.0 U	--	8.6 J	20.0 U	--
Potassium	ug/L	7490	7550	6790 J	6700 J	4550 J	5320 J	2240 J	--	5990 J	22800 J	--
Selenium	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.4	4.5 J	--	5.0 U	5.0 U	--
Silver	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	--	0.20 U	0.20 U	--
Sodium	ug/L	1080000	1040000	730000	716000	365000	165000	124000	--	593000	44400	--
Thallium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	1.0 U	1.0 U	--
Vanadium	ug/L	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	2.1 J	1.0 J	--	4.0 U	4.0 U	--
Zinc	ug/L	20.0 U	20.0 U	20.0 U	20.0 U	7.2 J	20.0 U	20.0 U	--	31.4	20.0 U	--
Polychlorinated Biphenyls												
Aroclor-1248 (PCB-1248)	ug/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	--
Aroclor-1254 (PCB-1254)	ug/L	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	--
Aroclor-1260 (PCB-1260)	ug/L	0.041 J	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	--
Total PCBs	ug/L	0.0715	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	--	0.10 U	0.10 U	--
General Chemistry												
Cyanide (amenable)	mg/L	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.020	0.0050 U	0.0050 U	--	0.014	0.0050 U	--

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
MW	Monitoring well (samples taken from soil boring prior to well installation).
mg/L	Milligrams per liter.
ug/L	Micrograms per liter.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-14-07***	***MW-15-07***	***MW-17-07***	***BH-18-07***	***MW-19-07***	***MW-21-07***	***BH-22-07***	***BH-23-07***	***BH-26-07***	***BH-26-07***	***MW-27-07***	***MW-28-07***
Sample Depth (ft BGS):		***(0-2)***	***(0-2)***	***(0.5-2.5)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***
Sample ID:		***SO-17322-101607-CB-051***	***SO-17322-101607-CB-053***	***SO-17322-101607-CB-061***	***SO-17322-101607-CB-064***	***SO-17322-101707-CB-067***	***SO-17322-120307-CB-091***	***SO-17322-120707-CB-131***	***SO-17322-101707-CB-072***	***SO-17322-120307-CB-105***	***SO-17322-120307-CB-106***	***SO-17322-120707-CB-134***	***SO-17322-101707-CB-077***
Sample Date:		***10/16/2007***	***10/16/2007***	***10/16/2007***	***10/16/2007***	***10/17/2007***	***12/03/2007***	***12/07/2007***	***10/17/2007***	***12/03/2007***	***12/03/2007***	***12/07/2007***	***10/17/2007***
Sample Type:											***Duplicate***		
Parameter:	***Units***												
Fluoranthene	ug/kg	11	7.6 U	70	55	1000	62	7.8 U	160	85	110	370	230
Fluorene	ug/kg	7.8 U	7.6 U	37 U	7.5 U	62	7.5 U	7.8 U	7.3 U	77 U	7.3 U	12	29 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.8 U	7.6 U	37 U	9.3	180	12	7.8 U	33	77 U	33	59	110
Naphthalene	ug/kg	8.5	7.6 U	37 U	30	26	7.5 U	7.8 U	7.3 U	77 U	7.3 U	7.4	60
Phenanthrene	ug/kg	9.1	7.6 U	37 U	62	510	29	7.8 U	80	77 U	48	160	100
Pyrene	ug/kg	10	7.6 U	77	44	800	39	7.8 U	130	77 U	87	230	210
Metals													
Aluminum	mg/kg	4120	7460	1490	9220	3890	7350	10700	3170	2720	2480	2370	10800
Antimony	mg/kg	5.5 J	0.18 UJ	0.18 UJ	0.18 UJ	0.17 UJ	0.18 UJ	0.072 J	0.18 UJ	0.18 UJ	0.18 UJ	0.078 J	0.63 J
Arsenic	mg/kg	5.5	1.5	5.8	6.1	2.6	3.1	5.0	3.0	4.4	3.5	2.8	4.5
Barium	mg/kg	71.6	38.0	11.3	38.8	33.8	35.1	71.2 J	24.5	27.9	15.9	16.8 J	139
Beryllium	mg/kg	0.41	0.44	0.14 J	0.46	0.17 U	0.18 U	0.35 J	0.049 J	0.18 U	0.18 U	0.18 UJ	0.17 U
Cadmium	mg/kg	0.28	0.25	0.22	0.26	0.085 U	0.31	0.093 U	0.10	0.33	0.22	0.14	0.11
Calcium	mg/kg	1590	45600	61300	7610	81400	44300	2810	35800	76500	45800	38600	32700
Chromium III (Trivalent)	mg/kg	10.3	12.7	4.1	14.3	10.8	11.6	17.1 J	6.3	7.5	5.8	5.1 J	102
Chromium Total	mg/kg	10.9	13.1	4.6	14.8	11.2	12.3	17.9 J	6.8	7.5	5.8	5.4 J	103
Chromium VI (Hexavalent)	mg/kg	0.57 J	0.36 J	0.88 U	0.90 U	0.85 U	0.72 J	0.78 J	0.88 U	0.92 U	0.88 U	0.31 J	1.5
Cobalt	mg/kg	5.2	7.0	2.0	8.0	2.9	5.7	9.1 J	2.9	5.1	2.9	2.2 J	65.4
Copper	mg/kg	284	14.7	7.0	13.4	8.3	12.3	14.3	12.6	12.0	8.9	7.4	65.6
Iron	mg/kg	7280	14500	4540	14800	8380	12900	19600	8960	8240	6640	5530	31100
Lead	mg/kg	301	6.6	10.7	10.3	8.5	8.8 J	12.5	10.8	14.7 J	8.6 J	16.9	54.6
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	830 J	11700 J	17700 J	3040 J	15800 J	10500 J	2880 J	12100 J	11400 J	10500 J	10100 J	3660 J
Manganese	mg/kg	441	344	221	194	317	294	427	348	232	222	158	2270
Mercury	mg/kg	0.034 J	0.023 J	0.023 J	0.026 J	0.042 U	0.017 J	0.045 J	0.044 U	0.046 U	0.044 UJ	0.020 J	0.35
Nickel	mg/kg	7.0	16.6	5.9	14.6	9.0	13.4	22.0	11.9	9.8	7.5	5.2	48.4
Potassium	mg/kg	473	1080	329 J	914	433	1720	1060	519	452 J	377 J	448	1290
Selenium	mg/kg	0.37	0.19 U	0.19 U	0.19 U	0.14 J	0.19 U	0.12 J	0.19 U	0.11 J	0.19 U	0.19 U	0.24
Silver	mg/kg	0.094 U	0.091 U	0.088 U	0.090 U	0.054 J	0.059 J	0.077 J	0.034 J	0.049 J	0.031 J	0.052 J	0.18
Sodium	mg/kg	431	231	216	876	385	531	2950	194	92.0 UJ	87.8 U	156	852
Thallium	mg/kg	0.11 U	0.091 U	0.20	0.19	0.037 J	0.10	0.17	0.068 J	0.11	0.088 U	0.072 J	0.036 J
Vanadium	mg/kg	23.7	19.7	7.4	22.2	13.7	17.2	23.6	10	8.8	7.9	7.6	28.5
Zinc	mg/kg	25.4 J	9.9 J	44.1 J	43.8 J	16.9 J	28.6 J	40.5	30.9 J	29.9 J	25.1 J	31.2	84.0 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	39 U	37 U	36 U	37 U	35 U	37 U	38 U	36 U	38 U	36 U	36 U	36 U
Aroclor-1254 (PCB-1254)	ug/kg	39 U	37 U	920	37 U	35 U	37 U	38 U	23 J	100	100	17 J	36 U
Aroclor-1260 (PCB-1260)	ug/kg	39 U	37 U	36 U	37 U	35 U	37 U	38 U	36 U	38 U	36 U	36 U	36 U
Total PCBs	ug/kg	39 U	37 U	933.5	37 U	35 U	37 U	38 U	36.5	114	113.5	30.5	36 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-14-07***	***MW-15-07***	***MW-17-07***	***BH-18-07***	***MW-19-07***	***MW-21-07***	***BH-22-07***	***BH-23-07***	***BH-26-07***	***BH-26-07***	***MW-27-07***	***MW-28-07***
Sample Depth (ft BGS):		***(0-2)***	***(0-2)***	***(0.5-2.5)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***
Sample ID:		***SO-17322-101607-CB-051***	***SO-17322-101607-CB-053***	***SO-17322-101607-CB-061***	***SO-17322-101607-CB-064***	***SO-17322-101707-CB-067***	***SO-17322-120307-CB-091***	***SO-17322-120707-CB-131***	***SO-17322-101707-CB-072***	***SO-17322-120307-CB-105***	***SO-17322-120307-CB-106***	***SO-17322-120707-CB-134***	***SO-17322-101707-CB-077***
Sample Date:		***10/16/2007***	***10/16/2007***	***10/16/2007***	***10/16/2007***	***10/17/2007***	***12/03/2007***	***12/07/2007***	***10/17/2007***	***12/03/2007***	***12/03/2007***	***12/07/2007***	***10/17/2007***
Sample Type:											***Duplicate***		
Parameter:	***Units***												
General Chemistry													
Cyanide (total)	mg/kg	0.23 U	0.23 U	0.13 J	0.22 U	0.13 J	0.23 UJ	0.23 U	0.22 U	0.23 U	0.22 UJ	0.31	0.22 U
Total Solids	%	85.5	88.1	91.4	89.3	94.5	88.4	85.9	91.0	86.9	91.1	91.3	92.6

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***MW-28-07***	***MW-28-07***	***BH-29-07***	***BH-30-07***	***MW-32-07***	***MW-33-07***	***MW-33-07***	***MW-33-07***	***MW-34-07***	***MW-35-07***	***BH-36-07***	***BH-36-07***
Sample Depth (ft BGS):		***(8-10)***	***(12.75-14.75)***	***(0-2)***	***(0-2)***	***(15-17)***	***(0-2)***	***(8-10)***	***(16-18)***	***(0-2)***	***(0-2)***	***(0-2)***	***(8-10)***
Sample ID:		***SO-17322-101707-CB-078***	***SO-17322-101707-CB-079***	***SO-17322-101707-CB-080***	***SO-17322-101707-CB-082***	***SO-17322-120707-CB-139***	***SO-17322-120307-CB-094***	***SO-17322-120307-CB-095***	***SO-17322-120307-CB-096***	***SO-17322-120407-CB-108***	***SO-17322-120307-CB-100***	***SO-17322-120307-CB-097***	***SO-17322-120307-CB-098***
Sample Date:		***10/17/2007***	***10/17/2007***	***10/17/2007***	***10/17/2007***	***12/07/2007***	***12/03/2007***	***12/03/2007***	***12/03/2007***	***12/04/2007***	***12/03/2007***	***12/03/2007***	***12/03/2007***
Sample Type:													
Parameter:	***Units***												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
1,1-Dichloroethane	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
1,1-Dichloroethene	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
1,2,4-Trimethylbenzene	ug/kg	--	--	4.0 UJ	4.5 U	--	4.2 J	46 U	2500 J	4.1 U	3.9 U	0.85 J	r
1,2-Dichlorobenzene	ug/kg	--	--	4.0 UJ	4.5 U	--	r	46 U	190 U	4.1 U	3.9 U	4.4 U	r
1,3,5-Trimethylbenzene	ug/kg	--	--	4.0 UJ	4.5 U	--	4.9 UJ	46 U	450 J	4.1 U	3.9 U	4.4 U	r
1,3-Dichlorobenzene	ug/kg	--	--	4.0 UJ	4.5 U	--	r	46 U	190 U	4.1 U	3.9 U	4.4 U	r
1,4-Dichlorobenzene	ug/kg	--	--	4.0 UJ	4.5 U	--	r	46 U	190 U	4.1 U	3.9 U	4.4 U	r
2-Butanone (Methyl Ethyl Ketone)	ug/kg	--	--	7.8 J	18 U	--	r	460 U	1400 U	5.2 J	16 U	18 U	r
2-Hexanone	ug/kg	--	--	16 U	18 U	--	r	460 U	4800 U	16 U	16 U	18 U	r
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	--	--	16 U	18 U	--	r	460 U	4800 U	16 U	16 U	18 U	r
Acetone	ug/kg	--	--	32 J	18 UJ	--	55 J	460 U	1400 U	28 U	16 U	18 U	r
Benzene	ug/kg	--	--	4.0 U	4.5 U	--	0.62 J	46 U	95 U	0.36 J	3.9 U	4.4 U	r
Carbon disulfide	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	480 U	2.4 J	3.9 U	4.4 U	r
Chloroethane	ug/kg	--	--	4.0 U	4.5 U	--	r	92 U	480 U	4.1 UJ	3.9 U	4.4 UJ	r
Chloroform (Trichloromethane)	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
cis-1,2-Dichloroethene	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
Cyclohexane	ug/kg	--	--	8.1 U	9.0 U	--	1.1 J	92 U	2300 U	0.41 J	7.9 U	8.8 U	r
Ethylbenzene	ug/kg	--	--	4.0 U	4.5 U	--	3.2 J	46 U	300 J	4.1 U	3.9 U	4.4 U	r
Isopropylbenzene	ug/kg	--	--	4.0 U	4.5 U	--	0.91 J	46 U	610 J	4.1 U	3.9 U	4.4 U	r
Methyl acetate	ug/kg	--	--	8.1 U	9.0 U	--	r	92 UJ	2300 U	r	r	r	r
Methyl cyclohexane	ug/kg	--	--	8.1 U	9.0 U	--	1.7 J	92 U	2300 U	0.58 J	7.9 U	8.8 U	r
Methyl Tert Butyl Ether	ug/kg	--	--	16 U	18 U	--	r	180 U	480 U	16 U	16 U	18 U	r
Methylene chloride	ug/kg	--	--	4.0 U	4.5 U	--	r	180 U	r	4.1 U	3.9 U	4.4 U	r
Tetrachloroethene	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
Toluene	ug/kg	--	--	4.0 U	4.5 U	--	2.6 J	46 U	190 U	0.51 J	3.9 U	0.30 J	r
trans-1,2-Dichloroethene	ug/kg	--	--	4.0 U	4.5 U	--	r	46 U	95 U	4.1 U	3.9 U	4.4 U	r
Trichloroethene	ug/kg	--	--	4.0 U	4.5 U	--	1.1 J	46 U	95 U	4.1 U	3.9 U	0.80 J	r
Trichlorofluoromethane (CFC-11)	ug/kg	--	--	4.0 UJ	4.5 UJ	--	r	92 UJ	190 U	4.1 U	3.9 U	4.4 U	r
Vinyl chloride	ug/kg	--	--	4.0 U	4.5 U	--	r	37 U	76 U	4.1 U	3.9 U	4.4 U	r
Xylene (total)	ug/kg	--	--	8.1 U	9.0 U	--	19 J	92 U	300 J	0.59 J	7.9 U	0.73 J	r
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	--	--	220 U	220 U	--	450 UJ	230 U	2400 U	230 U	210 U	2100 U	230 UJ
2-Methylnaphthalene	ug/kg	--	--	7.5 U	7.2 U	--	69	7.6 U	79 U	220	21	70 U	7.6 UJ
Acenaphthene	ug/kg	--	--	7.5 U	7.2 U	--	100	7.6 U	79 U	7.8 U	6.9 U	210	7.6 UJ
Acenaphthylene	ug/kg	--	--	7.5 U	7.2 U	--	25	7.6 U	79 U	7.8 U	6.9 U	470	7.6 UJ
Acetophenone	ug/kg	--	--	110 U	110 U	--	220 UJ	110 UJ	1200 U	120 U	100 U	1100 U	110 UJ
Anthracene	ug/kg	--	--	7.5 U	7.2 U	--	230	7.6 U	79 U	7.8 U	6.9 U	820	7.6 UJ
Benzo(a)anthracene	ug/kg	--	--	7.5 U	7.2 U	--	490	7.6 U	79 U	15	6.9 U	3700	7.6 UJ
Benzo(a)pyrene	ug/kg	--	--	7.5 U	7.2 U	--	430	7.6 U	79 U	12	6.9 U	2600	7.6 UJ
Benzo(b)fluoranthene	ug/kg	--	--	7.5 U	7.2 U	--	610	7.6 U	79 U	13	12	3600	7.6 UJ
Benzo(g,h,i)perylene	ug/kg	--	--	7.5 U	7.2 U	--	320	7.6 U	79 U	12	6.9 U	1500	7.6 UJ
Benzo(k)fluoranthene	ug/kg	--	--	7.5 U	7.2 U	--	240	7.6 U	79 U	7.8 U	6.9 U	1300	7.6 UJ
Biphenyl	ug/kg	--	--	56 U	54 U	--	110 UJ	57 U	590 U	58 U	52 U	530 U	57 UJ
bis(2-Ethylhexyl)phthalate	ug/kg	--	--	56 U	54 U	--	61 J	21 J	590 U	110 U	52 U	530 U	57 UJ
Caprolactam	ug/kg	--	--	370 U	360 U	--	740 UJ	380 U	3900 U	380 U	340 U	3500 U	370 UJ
Carbazole	ug/kg	--	--	56 U	54 U	--	93 J	57 U	590 U	58 U	52 U	200 J	57 UJ
Chrysene	ug/kg	--	--	7.5 U	7.2 U	--	550	7.6 U	79 U	23	6.9 U	2900	7.6 UJ
Dibenz(a,h)anthracene	ug/kg	--	--	7.5 U	7.2 U	--	96	7.6 U	79 U	7.8 U	6.9 U	430	7.6 UJ
Dibenzofuran	ug/kg	--	--	56 U	54 U	--	82 J	57 U	590 U	51 J	52 U	220 J	57 UJ
Di-n-butylphthalate	ug/kg	--	--	56 U	54 U	--	110 UJ	57 U	590 U	58 U	52 U	530 U	57 UJ

TABLE 4.1

**DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN**

Sample Location:		***MW-28-07***	***MW-28-07***	***BH-29-07***	***BH-30-07***	***MW-32-07***	***MW-33-07***	***MW-33-07***	***MW-33-07***	***MW-34-07***	***MW-35-07***	***BH-36-07***	***BH-36-07***
Sample Depth (ft BGS):		***(8-10)***	***(12.75-14.75)***	***(0-2)***	***(0-2)***	***(15-17)***	***(0-2)***	***(8-10)***	***(16-18)***	***(0-2)***	***(0-2)***	***(0-2)***	***(8-10)***
Sample ID:		***SO-17322-101707-CB-078***	***SO-17322-101707-CB-079***	***SO-17322-101707-CB-080***	***SO-17322-101707-CB-082***	***SO-17322-120707-CB-139***	***SO-17322-120307-CB-094***	***SO-17322-120307-CB-095***	***SO-17322-120307-CB-096***	***SO-17322-120407-CB-108***	***SO-17322-120307-CB-100***	***SO-17322-120307-CB-097***	***SO-17322-120307-CB-098***
Sample Date:		***10/17/2007***	***10/17/2007***	***10/17/2007***	***10/17/2007***	***12/07/2007***	***12/03/2007***	***12/03/2007***	***12/03/2007***	***12/04/2007***	***12/03/2007***	***12/03/2007***	***12/03/2007***
Sample Type:													
Parameter:	***Units***												
Fluoranthene	ug/kg	--	--	7.5 U	9.8	--	1400	7.6 U	79 U	23	6.9 U	10000	7.6 UJ
Fluorene	ug/kg	--	--	7.5 U	7.2 U	--	60	7.6 U	79 U	7.8 U	6.9 U	280	7.6 UJ
Indeno(1,2,3-cd)pyrene	ug/kg	--	--	7.5 U	7.2 U	--	270	7.6 U	79 U	7.8 U	6.9 U	1400	7.6 UJ
Naphthalene	ug/kg	--	--	7.5 U	7.2 U	--	64	7.6 U	79 U	160	12	79	7.6 UJ
Phenanthrene	ug/kg	--	--	7.5 U	11	--	910	7.6 U	96	99	9.2	3400	7.6 UJ
Pyrene	ug/kg	--	--	7.5 U	9.8	--	1100	7.6 U	79 U	28	6.9 U	8100	7.6 UJ
Metals													
Aluminum	mg/kg	--	--	9940	1880	--	10600	8520	4350	9010	1590	4850	8320
Antimony	mg/kg	--	--	0.18 UJ	0.17 UJ	--	0.13 J	0.081 J	0.19 UJ	0.16 J	0.17 UJ	0.17 UJ	0.087 J
Arsenic	mg/kg	--	--	4.6	4.4	--	3.5	3.2	1.1	4.1	3.8	3.0	5.3
Barium	mg/kg	--	--	59.5	14.7	--	130	43.4	16.0	40.1	6.3	42.2	54.9
Beryllium	mg/kg	--	--	0.14 J	0.17 U	--	1.1	0.15 J	0.19 U	0.53 J	0.17 U	0.25	0.19
Cadmium	mg/kg	--	--	0.090 U	0.18	--	0.32 J	0.12 U	0.21 U	0.16	0.13 U	0.32	0.29 J
Calcium	mg/kg	--	--	12000	102000	--	131000	85000	53300	33300	40100	81100	80500
Chromium III (Trivalent)	mg/kg	--	--	16.3	11.7	--	33.1 J	15.3 J	8.8	14.3	4.0	8.3	13.4 J
Chromium Total	mg/kg	--	--	17.8	13.4	--	33.8 J	15.3 J	8.8	14.9	4.0	8.3	15.2 J
Chromium VI (Hexavalent)	mg/kg	--	--	1.4	1.8	--	0.73 J	0.92 U	0.95 UJ	0.60 J	0.83 U	0.84 U	1.8
Cobalt	mg/kg	--	--	9.3	3.8	--	4.8 J	7.5	5.3	8.1 J	1.8	2.8	7.5 J
Copper	mg/kg	--	--	15.1	8.8	--	19.0 J	15.3	12.1	16.1	3.8	8.8	15.8 J
Iron	mg/kg	--	--	19500	8830	--	11100	16400	7290	17400	4430	7500	19200
Lead	mg/kg	--	--	8.9	4.9	--	19.4	6.3	7.5 J	10.3 J	3.2 J	16.2 J	6.7
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	--	--	5520 J	39700 J	--	24400	14500 J	8190 J	6840 J	14900 J	16100 J	14700
Manganese	mg/kg	96.6 J	591 J	484	541	--	921	352	322	295	116	285	382
Mercury	mg/kg	--	--	0.020 J	0.043 U	--	0.027 J	0.046 U	0.019 J	0.10	0.042 UJ	0.042 U	0.045 U
Nickel	mg/kg	--	--	19.8	10.4	--	10.4 J	19.0	12.7	19.0	3.7	6.9	21.6 J
Potassium	mg/kg	--	--	1250	468	--	1380	1950	801	1670	274 J	806	1760
Selenium	mg/kg	--	--	0.11 J	0.18	--	0.24	0.19 U	0.31	0.20 U	0.18 U	0.15 J	0.19 U
Silver	mg/kg	--	--	0.069 J	0.038 J	--	0.18	0.074 J	0.10	0.13	0.024 J	0.070 J	0.096
Sodium	mg/kg	--	--	1380	416	--	640	1210	633	167	248	308	1210
Thallium	mg/kg	--	--	0.12 J	0.21 J	--	0.10 U	0.20	0.19	0.27	0.083 U	0.052 J	0.24
Vanadium	mg/kg	--	--	25.0	16.0	--	24.5 J	18.7	10.8	20.1	6.4	13.8	21.1 J
Zinc	mg/kg	--	--	35.1 J	27.7 J	--	38.9 J	35.9	42.6 J	52.8	20.1 J	27.7 J	38.6 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	--	--	37 U	36 U	--	340 J	38 U	39 U	38 U	34 U	65	37 UJ
Aroclor-1254 (PCB-1254)	ug/kg	--	--	37 U	36 U	--	37 UJ	38 U	39 U	38 U	34 U	35 U	37 UJ
Aroclor-1260 (PCB-1260)	ug/kg	--	--	37 U	36 U	--	37 UJ	38 U	39 U	38 U	34 U	11 J	37 UJ
Total PCBs	ug/kg	--	--	37 U	36 U	39 U	350.4	38 U	39 U	38 U	34 U	80.65	37 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***MW-28-07***	***MW-28-07***	***BH-29-07***	***BH-30-07***	***MW-32-07***	***MW-33-07***	***MW-33-07***	***MW-33-07***	***MW-34-07***	***MW-35-07***	***BH-36-07***	***BH-36-07***
Sample Depth (ft BGS):		***(8-10)***	***(12.75-14.75)***	***(0-2)***	***(0-2)***	***(15-17)***	***(0-2)***	***(8-10)***	***(16-18)***	***(0-2)***	***(0-2)***	***(0-2)***	***(8-10)***
Sample ID:		***SO-17322-101707-CB-078***	***SO-17322-101707-CB-079***	***SO-17322-101707-CB-080***	***SO-17322-101707-CB-082***	***SO-17322-120707-CB-139***	***SO-17322-120307-CB-094***	***SO-17322-120307-CB-095***	***SO-17322-120307-CB-096***	***SO-17322-120407-CB-108***	***SO-17322-120307-CB-100***	***SO-17322-120307-CB-097***	***SO-17322-120307-CB-098***
Sample Date:		***10/17/2007***	***10/17/2007***	***10/17/2007***	***10/17/2007***	***12/07/2007***	***12/03/2007***	***12/03/2007***	***12/03/2007***	***12/04/2007***	***12/03/2007***	***12/03/2007***	***12/03/2007***
Sample Type:													
Parameter:	***Units***												
General Chemistry													
Cyanide (total)	mg/kg	--	--	0.22 U	0.22 U	--	0.64	0.23 UJ	0.24 UJ	0.23 U	0.21 U	0.21 U	0.23 UJ
Total Solids	%	93.8	85.5	89.0	92.6	--	89.6	87.2	84.2	86.0	96.4	95.0	88.2

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-36-07*	*MW-37-07*	*MW-38-07*	*BH-39-07*	*MW-40-07*	*BH-41-07*	*BH-42-07*	*BH-42-07*	*MW-43-07*	*BH-44-07*	*MW-46-07*	*MW-46-07*
Sample Depth (ft BGS):		*(13.5-15.5)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(9-10)*	*(9-10)*
Sample ID:		*SO-17322-120307-CB-099*	*SO-17322-120307-CB-102*	*SO-17322-120407-CB-111*	*SO-17322-120407-CB-114*	*SO-17322-120507-CB-117*	*SO-17322-120507-CB-120*	*SO-17322-120507-CB-123*	*SO-17322-120507-CB-124*	*SO-17322-120607-CB-126*	*SO-17322-120607-CB-128*	*SO-17322-100907-CB-013*	*SO-17322-100907-CB-014*
Sample Date:		*12/03/2007*	*12/03/2007*	*12/04/2007*	*12/04/2007*	*12/05/2007*	*12/05/2007*	*12/05/2007*	*12/05/2007*	*12/06/2007*	*12/06/2007*	*10/09/2007*	*10/09/2007*
Sample Type:									*Duplicate*				*Duplicate*
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
1,1-Dichloroethane	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
1,1-Dichloroethene	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
1,2,4-Trimethylbenzene	ug/kg	r	89 U	5.4 U	4.7 U	5.1 U	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 UJ
1,2-Dichlorobenzene	ug/kg	r	89 U	5.4 U	4.7 U	5.1 U	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 UJ
1,3,5-Trimethylbenzene	ug/kg	r	89 U	5.4 U	4.7 U	5.1 U	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 UJ
1,3-Dichlorobenzene	ug/kg	r	89 U	5.4 U	4.7 U	5.1 U	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 UJ
1,4-Dichlorobenzene	ug/kg	r	89 U	5.4 U	4.7 U	5.1 U	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 UJ
2-Butanone (Methyl Ethyl Ketone)	ug/kg	r	670 U	19 J	1.6 J	1.8 J	2.3 J	5.3 J	11 J	2.6 J	9.6 J	14 U	15 U
2-Hexanone	ug/kg	r	2200 U	21 UJ	19 U	21 UJ	17 UJ	17 U	15 U	16 U	18 UJ	14 U	15 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	r	18 J	21 U	19 U	21 UJ	17 U	17 U	15 U	16 U	18 U	14 U	15 U
Acetone	ug/kg	r	670 U	84	19 U	21 UJ	6.6 J	20	43	13 J	33	7.0 J	8.1 J
Benzene	ug/kg	r	9.8 J	5.4 U	4.7 U	5.1 UJ	0.22 J	4.2 U	3.9 U	3.9 U	0.55 J	3.5 U	3.7 U
Carbon disulfide	ug/kg	r	220 U	5.4 U	0.46 J	5.1 UJ	0.41 J	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	4.1
Chloroethane	ug/kg	r	220 U	5.4 UJ	4.7 UJ	5.1 UJ	4.1 U	4.2 U	3.9 U	0.82 J	4.6 U	3.5 U	3.7 U
Chloroform (Trichloromethane)	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
cis-1,2-Dichloroethene	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	0.88 J	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
Cyclohexane	ug/kg	r	20 J	11 U	9.4 U	10 UJ	0.53 J	8.4 U	7.7 U	7.9 U	9.2 U	7.0 U	7.4 U
Ethylbenzene	ug/kg	r	14 J	5.4 UJ	4.7 U	5.1 UJ	21 J	4.2 U	3.9 U	3.9 U	4.6 UJ	3.5 U	3.7 U
Isopropylbenzene	ug/kg	r	6.0 J	5.4 UJ	4.7 U	5.1 UJ	4.1 UJ	4.2 U	3.9 U	3.9 U	4.6 UJ	3.5 U	3.7 U
Methyl acetate	ug/kg	r	110 J	r	r	r	r	r	r	r	r	7.0 U	7.4 U
Methyl cyclohexane	ug/kg	r	61 J	11 U	9.4 U	10 UJ	8.3 U	8.4 U	7.7 U	7.9 U	9.2 U	7.0 U	7.4 U
Methyl Tert Butyl Ether	ug/kg	r	220 U	21 U	19 U	21 UJ	17 U	17 U	15 U	16 U	18 U	14 U	15 U
Methylene chloride	ug/kg	r	r	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
Tetrachloroethene	ug/kg	r	45 U	5.4 UJ	4.7 U	5.1 UJ	2.1 J	4.2 U	3.9 U	3.9 U	4.6 UJ	3.5 U	3.7 U
Toluene	ug/kg	r	42 J	5.4 UJ	4.7 U	5.1 UJ	4.1 UJ	4.2 U	3.9 U	3.9 U	0.36 J	3.5 U	3.7 U
trans-1,2-Dichloroethene	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
Trichloroethene	ug/kg	r	45 U	5.4 U	4.7 U	5.1 UJ	2.7 J	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
Trichlorofluoromethane (CFC-11)	ug/kg	r	89 U	5.4 U	4.7 U	5.1 UJ	4.1 UJ	4.2 UJ	3.9 UJ	3.9 UJ	4.6 UJ	3.5 U	3.7 U
Vinyl chloride	ug/kg	r	36 U	5.4 U	4.7 U	5.1 UJ	4.1 U	4.2 U	3.9 U	3.9 U	4.6 U	3.5 U	3.7 U
Xylene (total)	ug/kg	r	82 J	11 UJ	9.4 U	10 UJ	2.0 J	8.4 U	7.7 U	7.9 U	9.2 UJ	7.0 U	7.4 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	230 UJ	2200 U	230 U	230 U	230 U	230 U	230 U	230 U	220 U	240 U	220 U	220 U
2-Methylnaphthalene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	7.7 U	7.8 U	7.6 U	7.7	110	7.5 U	7.5 U
Acenaphthene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	7.7 U	7.8 U	7.6 U	7.5 U	17	7.5 U	7.5 U
Acenaphthylene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	7.7 U	7.8 U	7.6 U	7.5 U	29	7.5 U	7.5 U
Acetophenone	ug/kg	110 UJ	1100 U	120 U	110 U	110 U	110 U	120 U	110 U	110 U	120 U	110 U	110 U
Anthracene	ug/kg	7.6 UJ	74 U	7.8 U	6.1 J	7.6 U	15	19	8.2	7.5 U	50	7.5 U	7.5 U
Benzo(a)anthracene	ug/kg	7.6 UJ	160	7.8 U	7.6 U	7.6 U	61	130	53	23	180	7.5 U	7.5 U
Benzo(a)pyrene	ug/kg	7.6 UJ	120	7.8 U	7.6 U	7.6 U	60	150	69	24	180	7.5 U	7.5 U
Benzo(b)fluoranthene	ug/kg	7.6 UJ	250	7.8 U	8.0	7.6 U	86	160	88	37	260	7.5 U	7.5 U
Benzo(g,h,i)perylene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	41	170	120	25	140	7.5 U	7.5 U
Benzo(k)fluoranthene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	30	95	37	11	100	7.5 U	7.5 U
Biphenyl	ug/kg	57 UJ	560 U	58 U	57 U	57 U	57 U	59 U	57 U	56 U	60 U	56 U	56 U
bis(2-Ethylhexyl)phthalate	ug/kg	57 UJ	560 U	69 U	57 U	57 U	57 U	59 U	57 U	56 U	60 U	56 U	56 U
Caprolactam	ug/kg	380 UJ	3700 U	390 U	380 U	380 U	380 U	390 U	380 U	370 U	390 U	370 U	370 U
Carbazole	ug/kg	57 UJ	560 U	58 U	57 U	57 U	57 U	59 U	57 U	56 U	27 J	56 U	56 U
Chrysene	ug/kg	7.6 UJ	170	7.8 U	7.6 U	7.6 U	74	140	74	35	230	7.5 U	7.5 U
Dibenz(a,h)anthracene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	9.9	18	13	7.5 U	38	7.5 U	7.5 U
Dibenzofuran	ug/kg	57 UJ	560 U	58 U	57 U	57 U	57 U	59 U	57 U	56 U	34 J	56 U	56 U
Di-n-butylphthalate	ug/kg	57 UJ	560 U	58 U	57 U	57 U	57 U	59 U	57 U	56 U	60 U	56 U	56 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-36-07***	***MW-37-07***	***MW-38-07***	***BH-39-07***	***MW-40-07***	***BH-41-07***	***BH-42-07***	***BH-42-07***	***MW-43-07***	***BH-44-07***	***MW-46-07***	***MW-46-07***
Sample Depth (ft BGS):		***(13.5-15.5)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(9-10)***	***(9-10)***
Sample ID:		***SO-17322-120307-CB-099***	***SO-17322-120307-CB-102***	***SO-17322-120407-CB-111***	***SO-17322-120407-CB-114***	***SO-17322-120507-CB-117***	***SO-17322-120507-CB-120***	***SO-17322-120507-CB-123***	***SO-17322-120507-CB-124***	***SO-17322-120607-CB-126***	***SO-17322-120607-CB-128***	***SO-17322-100907-CB-013***	***SO-17322-100907-CB-014***
Sample Date:		***12/03/2007***	***12/03/2007***	***12/04/2007***	***12/04/2007***	***12/05/2007***	***12/05/2007***	***12/05/2007***	***12/05/2007***	***12/06/2007***	***12/06/2007***	***10/09/2007***	***10/09/2007***
Sample Type:									***Duplicate***				***Duplicate***
Parameter:	***Units***												
Fluoranthene	ug/kg	7.6 UJ	370	7.8 U	7.6 U	7.6 U	120	280	110	55	410	7.5 U	7.5 U
Fluorene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	7.7 U	7.8 U	7.6 U	7.5 U	23	7.5 U	7.5 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	37	88	47	15	120	7.5 U	7.5 U
Naphthalene	ug/kg	7.6 UJ	74 U	7.8 U	7.6 U	7.6 U	7.7 U	7.8 U	7.6 U	7.5 U	76	7.5 U	7.5 U
Phenanthrene	ug/kg	7.6 UJ	190	7.8 U	8.8	8.9	60	87	37	30	240	7.5 U	7.5 U
Pyrene	ug/kg	7.6 UJ	320	7.8 U	7.6 U	7.6 U	97	190	95	41	330	7.5 U	7.5 U
Metals													
Aluminum	mg/kg	7230	7110	6860	2650	3280	7060	4620	3250	7410	5300	6240	5130
Antimony	mg/kg	0.079 J	0.53 J	0.19 UJ	0.18 UJ	0.22 J	0.18 UJ	0.25 J	0.15 J	0.10 J	0.46 J	0.067 J	0.098 J
Arsenic	mg/kg	6.5	3.5	3.4	3.8	2.6	3.7	2.7	2.7	4.4	2.0	2.2 J	0.57 J
Barium	mg/kg	34.9	58.8	41.0	11.4	15.2	38.3	50.8 J	16.8 J	46.5 J	92.5 J	42.5	29.9
Beryllium	mg/kg	0.17 J	0.25	0.39 J	0.17 J	0.18 U	0.12 J	0.091 J	0.18 U	0.20 J	0.19 UJ	0.16 J	0.12 J
Cadmium	mg/kg	0.22 J	0.49	0.19	0.17	0.091 U	0.082 J	0.27	0.091 U	0.20	0.47	0.091	0.084 J
Calcium	mg/kg	77200	40700	31100	56900	2970	63200	9370	7950	38500	7860	65400 J	63200 J
Chromium III (Trivalent)	mg/kg	11.1 J	17.6	11.1	5.4	6.3	11.6	8.6	5.0	14.2 J	10 J	12.3 J	10.7 J
Chromium Total	mg/kg	11.9 J	17.6	12.2	6.0	6.3	11.6	9.7	5.6	14.7 J	12.4 J	12.3 J	10.7 J
Chromium VI (Hexavalent)	mg/kg	0.83 J	0.89 U	1.1	0.64 J	0.91 U	0.92 U	1.1	0.61 J	0.41 J	2.4	0.89 U	0.89 U
Cobalt	mg/kg	6.1 J	8.3	5.3 J	3.1 J	2.6	6.9	3.8	3.0	7.9 J	5.8 J	6.4 J	6.0 J
Copper	mg/kg	13.1 J	142	13.5	7.2	8.1	11.7	21.5	11.6	19.5	30.4	17.3 J	16.0 J
Iron	mg/kg	16100	16200	13300	7780	16300	12200	8040	6120	15400	31900	17000	14300
Lead	mg/kg	6.8	18.7 J	15.5 J	3.8 J	8.3	7.0	36.5 J	7.2 J	18.7	78.2	6.1	5.8
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--	139	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--	237	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	175	--	--
Magnesium	mg/kg	18200	10700 J	8270 J	17000 J	636	14200	2860	2140	8810 J	2410 J	15100 J	14800 J
Manganese	mg/kg	268	306	251	225	130 J	373 J	101 J	91.8 J	286	327	315	291
Mercury	mg/kg	0.045 U	0.024 J	0.050	0.046 U	0.046 U	0.024 J	0.74 J	0.071 J	0.054	0.17	0.021 J	0.018 J
Nickel	mg/kg	17.3 J	13.3	13.1	6.9	5.7	14.2	9.9	5.8	15.2	10.3	17.1 J	15.0 J
Potassium	mg/kg	1450	747	995	406 J	673	1210	586	346 J	1070	754	1170	958
Selenium	mg/kg	0.19 U	0.27	0.27	0.19 U	0.19 U	0.20 U	0.27	0.12 J	0.19 U	0.16 J	0.19 U	0.21
Silver	mg/kg	0.099	0.094	0.059 J	0.032 J	0.030 J	0.064 J	0.099	0.031 J	0.075 J	0.16	0.10	0.078 J
Sodium	mg/kg	625	1040	166	464	210	422	999	473	983	937	1170	1020
Thallium	mg/kg	0.17	0.12	0.10	0.082 J	0.041 J	0.12	0.13	0.090 J	0.14	0.16	0.11	0.079 J
Vanadium	mg/kg	15.9 J	21.2	17.6	11.5	10.2	16.1	11.7	10.4	18.0	12.8	20.5 J	15.6 J
Zinc	mg/kg	33.6 J	41.6 J	33.0	24.3	14.6	30.6	68.0 J	21.1 J	49.5	92.4	27.7 J	17.2 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	38 U	37 U	39 U	38 U	38 U	32 J	39 U	38 U	190 U	39 U	37 U	37 U
Aroclor-1254 (PCB-1254)	ug/kg	38 U	40	39 U	38 U	38 U	38 U	39 U	38 U	600	39 U	37 U	37 U
Aroclor-1260 (PCB-1260)	ug/kg	38 U	37 U	39 U	38 U	38 U	38 U	39 U	38 U	190 U	39 U	37 U	37 U
Total PCBs	ug/kg	38 U	54	39 U	38 U	38 U	42.5	39 U	38 U	669.5	39 U	37 U	37 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-36-07***	***MW-37-07***	***MW-38-07***	***BH-39-07***	***MW-40-07***	***BH-41-07***	***BH-42-07***	***BH-42-07***	***MW-43-07***	***BH-44-07***	***MW-46-07***	***MW-46-07***
Sample Depth (ft BGS):		***(13.5-15.5)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(0-2)***	***(9-10)***	***(9-10)***
Sample ID:		***SO-17322-120307-CB-099***	***SO-17322-120307-CB-102***	***SO-17322-120407-CB-111***	***SO-17322-120407-CB-114***	***SO-17322-120507-CB-117***	***SO-17322-120507-CB-120***	***SO-17322-120507-CB-123***	***SO-17322-120507-CB-124***	***SO-17322-120607-CB-126***	***SO-17322-120607-CB-128***	***SO-17322-100907-CB-013***	***SO-17322-100907-CB-014***
Sample Date:		***12/03/2007***	***12/03/2007***	***12/04/2007***	***12/04/2007***	***12/05/2007***	***12/05/2007***	***12/05/2007***	***12/05/2007***	***12/06/2007***	***12/06/2007***	***10/09/2007***	***10/09/2007***
Sample Type:									***Duplicate***				***Duplicate***
Parameter:	***Units***												
General Chemistry													
Cyanide (total)	mg/kg	0.23 UJ	0.22 UJ	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U	0.22 U	0.24 U	0.23 J	0.48 J
Total Solids	%	87.9	89.8	85.7	87.2	87.7	87.2	85.4	87.8	88.9	83.8 Dup 98.9 Dup 98.6	89.5	89.4

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-47-07*	*BH-47-07*	*BH-47-07*	*MW-48-07*	*BH-49-07*	*BH-50-07*	*BH-61-08*	*BH-62-08*	*MW-63-08*	*MW-64-08*	*BH-65-08*	*BH-67-08*
Sample Depth (ft BGS):		*(0-2)*	*(8-10)*	*(17.5-20)*	*(5-7)*	*(0-2)*	*(0-2)*	*(8-10)*	*(9-11)*	*(10-12)*	*(10-11.75)*	*(10-12)*	*(8-10)*
Sample ID:		*SO-17322-100907-CB-009*	*SO-17322-100907-CB-010*	*SO-17322-100907-CB-011*	*SO-17322-100907-CB-007*	*SO-17322-100907-CB-004*	*SO-17322-100907-CB-001*	*SO-17322-031008-CB-007*	*SO-17322-031008-CB-005*	*SO-17322-031008-CB-003*	*SO-17322-031008-CB-012*	*SO-17322-031108-CB-015*	*SO-17322-031008-CB-009*
Sample Date:		*10/09/2007*	*10/09/2007*	*10/09/2007*	*10/09/2007*	*10/09/2007*	*10/09/2007*	*03/10/2008*	*03/10/2008*	*03/10/2008*	*03/10/2008*	*03/11/2008*	*03/10/2008*
Sample Type:													
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
1,1-Dichloroethane	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
1,1-Dichloroethene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
1,2,4-Trimethylbenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 UJ	93 U	3.9 U	3.3 U	4.4 U	4.3 U
1,2-Dichlorobenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 UJ	93 U	3.9 U	3.3 U	4.4 U	4.3 U
1,3,5-Trimethylbenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 UJ	93 U	3.9 U	3.3 U	4.4 U	4.3 U
1,3-Dichlorobenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 UJ	93 U	3.9 U	3.3 U	4.4 U	4.3 U
1,4-Dichlorobenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 UJ	93 U	3.9 U	3.3 U	4.4 U	4.3 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	--	--	17 U	17 UJ	16 U	12 U	17 U	700 U	16 U	13 U	17 U	17 U
2-Hexanone	ug/kg	--	--	17 U	17 UJ	16 U	12 U	17 U	2300 U	16 U	13 U	17 U	17 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	--	--	17 U	17 UJ	16 U	12 U	17 U	2300 U	16 U	13 U	17 U	17 U
Acetone	ug/kg	--	--	17 U	24 J	16 U	12 U	17 U	700 U	16 U	13 U	17 U	17 U
Benzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
Carbon disulfide	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	230 U	3.9 U	3.3 U	4.4 U	4.3 U
Chloroethane	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	230 U	3.9 U	3.3 U	4.4 U	4.3 U
Chloroform (Trichloromethane)	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
cis-1,2-Dichloroethene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
Cyclohexane	ug/kg	--	--	8.3 U	0.73 J	8.2 U	5.9 U	8.5 U	1100 U	7.8 U	6.6 U	8.7 U	8.6 U
Ethylbenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
Isopropylbenzene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	230 U	3.9 U	3.3 U	4.4 U	4.3 U
Methyl acetate	ug/kg	--	--	8.3 U	8.7 UJ	8.2 U	5.9 U	8.5 U	1100 U	7.8 U	6.6 U	8.7 U	8.6 U
Methyl cyclohexane	ug/kg	--	--	8.3 U	8.7 UJ	8.2 U	5.9 U	8.5 U	1100 U	7.8 U	6.6 U	8.7 U	8.6 U
Methyl Tert Butyl Ether	ug/kg	--	--	17 U	17 UJ	16 U	12 U	17 U	230 U	16 U	13 U	17 U	17 U
Methylene chloride	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	230 U	3.9 U	3.3 U	4.4 U	4.3 U
Tetrachloroethene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
Toluene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	93 U	3.9 U	3.3 U	4.4 U	4.3 U
trans-1,2-Dichloroethene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
Trichloroethene	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	46 U	3.9 U	3.3 U	4.4 U	4.3 U
Trichlorofluoromethane (CFC-11)	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	1.2 J	93 U	3.9 U	3.3 U	4.4 U	4.3 U
Vinyl chloride	ug/kg	--	--	4.1 U	4.3 UJ	4.1 U	2.9 U	4.2 U	37 U	3.9 U	3.3 U	4.4 U	4.3 U
Xylene (total)	ug/kg	--	--	8.3 U	8.7 UJ	8.2 U	5.9 U	8.5 U	140 U	7.8 U	6.6 U	8.7 U	8.6 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	--	--	220 U	980 U	240 U	230 U	230 U	230 U	240 U	220 U	230 U	220 U
2-Methylnaphthalene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Acenaphthene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Acenaphthylene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Acetophenone	ug/kg	--	--	110 U	490 U	120 U	110 U	110 U	120 U	120 U	110 U	110 U	110 U
Anthracene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Benzo(a)anthracene	ug/kg	--	--	7.2 U	33 U	8.0 U	45	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Benzo(a)pyrene	ug/kg	--	--	7.2 U	33 U	8.0 U	48	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Benzo(b)fluoranthene	ug/kg	--	--	7.2 U	33 U	8.0 U	58	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Benzo(g,h,i)perylene	ug/kg	--	--	7.2 U	33 U	8.0 U	33	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Benzo(k)fluoranthene	ug/kg	--	--	7.2 U	33 U	8.0 U	27	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Biphenyl	ug/kg	--	--	54 U	240 U	60 U	56 U	56 U	58 U	59 U	55 U	57 U	56 U
bis(2-Ethylhexyl)phthalate	ug/kg	--	--	54 U	240 U	60 U	56 U	56 U	29 J	66	52 J	160	360
Caprolactam	ug/kg	--	--	350 U	1600 U	390 U	370 U	370 U	380 U	390 U	360 U	370 U	370 U
Carbazole	ug/kg	--	--	54 U	240 U	60 U	56 U	56 U	58 U	59 U	55 U	57 U	56 U
Chrysene	ug/kg	--	--	7.2 U	37	8.0 U	52	7.5 U	7.7 U	7.9 U	7.3 U	8.3	7.5 U
Dibenz(a,h)anthracene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Dibenzofuran	ug/kg	--	--	54 U	240 U	60 U	56 U	56 U	58 U	59 U	55 U	57 U	56 U
Di-n-butylphthalate	ug/kg	--	--	54 U	240 U	60 U	56 U	56 U	58 U	59 U	55 U	57 U	56 U

TABLE 4.1

**DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN**

Sample Location:		***BH-47-07***	***BH-47-07***	***BH-47-07***	***MW-48-07***	***BH-49-07***	***BH-50-07***	***BH-61-08***	***BH-62-08***	***MW-63-08***	***MW-64-08***	***BH-65-08***	***BH-67-08***
Sample Depth (ft BGS):		***(0-2)***	***(8-10)***	***(17.5-20)***	***(5-7)***	***(0-2)***	***(0-2)***	***(8-10)***	***(9-11)***	***(10-12)***	***(10-11.75)***	***(10-12)***	***(8-10)***
Sample ID:		***SO-17322-100907-CB-009***	***SO-17322-100907-CB-010***	***SO-17322-100907-CB-011***	***SO-17322-100907-CB-007***	***SO-17322-100907-CB-004***	***SO-17322-100907-CB-001***	***SO-17322-031008-CB-007***	***SO-17322-031008-CB-005***	***SO-17322-031008-CB-003***	***SO-17322-031008-CB-012***	***SO-17322-031108-CB-015***	***SO-17322-031008-CB-009***
Sample Date:		***10/09/2007***	***10/09/2007***	***10/09/2007***	***10/09/2007***	***10/09/2007***	***10/09/2007***	***03/10/2008***	***03/10/2008***	***03/10/2008***	***03/10/2008***	***03/11/2008***	***03/10/2008***
Sample Type:													
Parameter:	***Units***												
Fluoranthene	ug/kg	--	--	7.2 U	33	8.0 U	81	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Fluorene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Indeno(1,2,3-cd)pyrene	ug/kg	--	--	7.2 U	33 U	8.0 U	29	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Naphthalene	ug/kg	--	--	7.2 U	33 U	8.0 U	7.5 U	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Phenanthrene	ug/kg	--	--	7.2 U	35	8.0 U	33	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Pyrene	ug/kg	--	--	7.2 U	43	8.0 U	71	7.5 U	7.7 U	7.9 U	7.3 U	7.6 U	7.5 U
Metals													
Aluminum	mg/kg	--	--	3020	2690	17000	8250	9680	6040	7110	6250	3190	7900
Antimony	mg/kg	--	--	0.074 J	0.11 J	0.11 J	0.13 J	0.060 J	0.074 J	0.077 J	0.074 J	0.063 J	0.071 J
Arsenic	mg/kg	4.3	4.1	11.1	3.5	5.2	4.1	2.5 J	4.7 J	4.1 J	4.7 J	6.0	4.4 J
Barium	mg/kg	--	--	13.9	21.6	63.5	40.4	55.7	23.8	35.3	29.5	26.0	56.4
Beryllium	mg/kg	--	--	0.17 U	0.20 U	0.56	0.069 J	0.44	0.29	0.37	0.33	0.20	0.39
Cadmium	mg/kg	--	--	0.18	0.066 J	0.10	0.074 J	0.25	0.16	0.31	0.26	0.30	0.25
Calcium	mg/kg	--	--	53600 J	2750 J	2290 J	7660 J	75800	64000	81100	75800	75200	88800
Chromium III (Trivalent)	mg/kg	--	--	6.0 J	3.7 J	27.8 J	16.1 J	18.6	13.6	12.9	11.3	6.5	14.8
Chromium Total	mg/kg	--	--	6.5 J	4.4 J	27.8 J	16.6 J	18.6	13.6	12.9	11.3	6.5	14.8
Chromium VI (Hexavalent)	mg/kg	--	--	0.86 U	0.98 U	0.96 U	0.90 U	0.90 U	0.93 U	0.94 U	0.88 U	0.91 U	0.90 U
Cobalt	mg/kg	--	--	5.8 J	2.6 J	8.5 J	7.5 J	7.1	6.8	8.1	7.4	4.4	6.6
Copper	mg/kg	--	--	20.9 J	5.0 J	25.6 J	12.8 J	15.9	16.9	21.0	18.0	18.2	15.9
Iron	mg/kg	--	--	12000	8660	25800	19700	14900	12400	18600	13900	9560	16000
Lead	mg/kg	--	--	9.0	6.4	10.7	15.3	7.4	9.4	8.2	6.9	6.1	6.2
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	--	--	8530 J	941 J	3700 J	3890 J	15700	11500	14200	13700	10900	14400
Manganese	mg/kg	--	--	334	74.0	301	279	419	339	542	394	286	351
Mercury	mg/kg	--	--	0.028 J	0.049 U	0.034 J	0.046	0.025 J	0.046 U	0.020 J	0.044 U	0.045 U	0.045 U
Nickel	mg/kg	--	--	12.9 J	4.1 J	32.8 J	16.9 J	22.2 J	19.2 J	21.8 J	19.2 J	11.5 J	19.5 J
Potassium	mg/kg	--	--	555	253 J	1640	1160	2390	1480	1710	1490	819	1790
Selenium	mg/kg	--	--	0.10 J	0.28	0.20 U	0.19 U	0.55 J	0.72 J	0.86 J	0.65 J	0.48	0.52 J
Silver	mg/kg	--	--	0.072 J	0.032 J	0.12	0.077 J	0.022 J	0.026 J	0.035 J	0.034 J	0.024 J	0.019 J
Sodium	mg/kg	--	--	108 U	212	1990	90.2 U	98.8	134	99.4	167	85.3 J	93.8
Thallium	mg/kg	--	--	0.26	0.098 U	0.19	0.12	0.21	0.21	0.23	0.23	0.19	0.24
Vanadium	mg/kg	--	--	11.4 J	6.8 J	27.8 J	20.9 J	20.2	14.4	16.7	15.5	10.1	20.4
Zinc	mg/kg	--	--	63.4 J	25.5 J	44.8 J	40.5 J	39.7 J	33.7 J	41.7 J	79.4 J	34.7 J	33.4 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	--	--	35 U	40 U	39 U	37 U	37 U	38 U	39 U	36 U	37 U	37 U
Aroclor-1254 (PCB-1254)	ug/kg	--	--	35 U	40 U	39 U	37 U	37 U	38 U	39 U	36 U	37 U	37 U
Aroclor-1260 (PCB-1260)	ug/kg	--	--	35 U	40 U	39 U	37 U	37 U	38 U	39 U	36 U	37 U	37 U
Total PCBs	ug/kg	--	--	35 U	40 U	39 U	37 U	37 U	38 U	39 U	36 U	37 U	37 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-47-07***	***BH-47-07***	***BH-47-07***	***MW-48-07***	***BH-49-07***	***BH-50-07***	***BH-61-08***	***BH-62-08***	***MW-63-08***	***MW-64-08***	***BH-65-08***	***BH-67-08***
Sample Depth (ft BGS):		***(0-2)***	***(8-10)***	***(17.5-20)***	***(5-7)***	***(0-2)***	***(0-2)***	***(8-10)***	***(9-11)***	***(10-12)***	***(10-11.75)***	***(10-12)***	***(8-10)***
Sample ID:		***SO-17322-100907-CB-009***	***SO-17322-100907-CB-010***	***SO-17322-100907-CB-011***	***SO-17322-100907-CB-007***	***SO-17322-100907-CB-004***	***SO-17322-100907-CB-001***	***SO-17322-031008-CB-007***	***SO-17322-031008-CB-005***	***SO-17322-031008-CB-003***	***SO-17322-031008-CB-012***	***SO-17322-031108-CB-015***	***SO-17322-031008-CB-009***
Sample Date:		***10/09/2007***	***10/09/2007***	***10/09/2007***	***10/09/2007***	***10/09/2007***	***10/09/2007***	***03/10/2008***	***03/10/2008***	***03/10/2008***	***03/10/2008***	***03/11/2008***	***03/10/2008***
Sample Type:													
Parameter:	***Units***												
General Chemistry													
Cyanide (total)	mg/kg	--	--	0.22 U	0.36 J	0.24 U	0.23 U	0.23 U	0.23 U	0.24 U	0.22 U	0.23 U	0.22 U
Total Solids	%	91.0	86.6	93.0	82.0	83.6	88.7	88.6	86.2	84.8	90.8	88.0	89.1

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*MW-68-08*	*MW-69-08*	*MW-69-08*	*TMW-70-08*	*TMW71-08*	*BH-72-08*	*BH-72-08*	*BH-72-08*	*BH-73-08*	*MW-74-08*	*MW-74-08*	*BH-75-08*
Sample Depth (ft BGS):		*(10-12)*	*(12-14)*	*(18-20)*	*(4-6)*	*(4-6)*	*(0-2)*	*(8-10)*	*(12-14)*	*(8-10)*	*(0-2)*	*(8-10)*	*(8-10)*
Sample ID:		*SO-17322-031208-CB-040*	*SO-17322-031208-CB-043*	*SO-17322-031208-CB-044*	*SO-17322-030508-MC-BH700*	*SO-17322-030608-MC-BH710*	*SO-17322-031308-CB-051*	*SO-17322-031308-CB-052*	*SO-17322-031308-CB-053*	*SO-17322-031408-CB-067*	*SO-17322-031408-CB-063*	*SO-17322-031408-CB-065*	*SO-17322-031208-CB-037*
Sample Date:		*03/12/2008*	*03/12/2008*	*03/12/2008*	*03/05/2008*	*03/06/2008*	*03/13/2008*	*03/13/2008*	*03/13/2008*	*03/14/2008*	*03/14/2008*	*03/14/2008*	*03/12/2008*
Sample Type:													
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	4.4 U	3.5 UJ	91 UJ	4.9 U	4.6 U	--	--	93 U	4.5 U	400	1300	3.7 U
1,1-Dichloroethane	ug/kg	4.4 U	3.5 UJ	91 U	4.9 U	4.6 U	--	--	93 U	4.5 U	18 J	74 J	3.7 U
1,1-Dichloroethene	ug/kg	4.4 U	3.5 UJ	91 U	4.9 U	4.6 U	--	--	93 U	4.5 U	110	260	3.7 U
1,2,4-Trimethylbenzene	ug/kg	4.4 U	r	180 U	4.9 U	4.6 U	--	--	190 U	4.5 U	100 U	190 U	3.7 U
1,2-Dichlorobenzene	ug/kg	4.4 U	0.31 J	180 U	4.9 U	4.6 U	--	--	190 U	4.5 U	100 U	190 U	3.7 U
1,3,5-Trimethylbenzene	ug/kg	4.4 U	r	180 U	4.9 U	4.6 U	--	--	190 U	4.5 U	100 U	190 U	3.7 U
1,3-Dichlorobenzene	ug/kg	4.4 U	0.40 J	180 U	4.9 U	4.6 U	--	--	190 U	4.5 U	100 U	190 U	3.7 U
1,4-Dichlorobenzene	ug/kg	4.4 U	0.47 J	180 U	4.9 U	4.6 U	--	--	190 U	4.5 U	100 U	190 U	3.7 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	18 U	14 UJ	1400 UJ	19 U	19	--	--	1400 UJ	18 U	790 UJ	1400 UJ	15 U
2-Hexanone	ug/kg	18 U	14 UJ	4500 U	19 U	18 U	--	--	4600 UJ	18 U	2600 UJ	4600 U	15 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	18 U	14 UJ	4500 U	19 U	18 U	--	--	4600 UJ	18 U	2600 UJ	4600 U	15 U
Acetone	ug/kg	18 U	14 UJ	1400 UJ	19 UJ	77 UJ	--	--	r	18 U	790 UJ	1400 UJ	15 U
Benzene	ug/kg	4.4 U	3.5 UJ	91 U	0.32 J	4.6 U	--	--	21 J	4.5 U	52 U	93 U	3.7 U
Carbon disulfide	ug/kg	4.4 U	0.55 J	450 U	0.78 J	0.55 J	--	--	460 U	4.5 U	260 U	460 U	3.7 U
Chloroethane	ug/kg	4.4 U	3.5 UJ	450 UJ	r	r	--	--	460 UJ	4.5 U	260 UJ	460 UJ	3.7 U
Chloroform (Trichloromethane)	ug/kg	4.4 U	3.5 UJ	91 U	4.9 U	4.6 U	--	--	93 U	4.5 U	52 U	93 U	3.7 U
cis-1,2-Dichloroethene	ug/kg	4.4 U	3.5 UJ	91 U	4.9 U	0.61 J	--	--	93 U	4.5 U	52 U	93 U	3.7 U
Cyclohexane	ug/kg	8.8 U	6.9 UJ	2200 UJ	0.67 J	9.2 U	--	--	2200 UJ	9.1 U	1300 UJ	2200 UJ	7.5 U
Ethylbenzene	ug/kg	4.4 U	3.5 UJ	91 U	4.9 U	4.6 U	--	--	40 J	4.5 U	52 U	93 U	3.7 U
Isopropylbenzene	ug/kg	4.4 U	3.5 UJ	170 J	4.9 U	4.6 U	--	--	240 J	4.5 U	260 U	460 U	3.7 U
Methyl acetate	ug/kg	8.8 U	6.9 UJ	2200 U	r	r	--	--	2200 U	9.1 U	1300 U	2200 U	7.5 U
Methyl cyclohexane	ug/kg	8.8 U	6.9 UJ	320 J	1.7 J	9.2 U	--	--	160 J	9.1 U	1300 UJ	2200 UJ	7.5 U
Methyl Tert Butyl Ether	ug/kg	18 U	14 UJ	450 U	19 U	18 U	--	--	460 U	18 U	260 U	460 U	15 U
Methylene chloride	ug/kg	4.4 U	3.5 UJ	450 U	4.9 U	4.6 U	--	--	460 U	4.5 U	260 U	460 U	3.7 U
Tetrachloroethene	ug/kg	4.4 U	3.5 UJ	74 J	4.9 U	4.6 U	--	--	93 U	4.5 U	33 J	93 U	3.7 U
Toluene	ug/kg	4.4 U	3.5 UJ	180 U	0.57 J	4.6 U	--	--	190 U	4.5 U	100 U	190 U	3.7 U
trans-1,2-Dichloroethene	ug/kg	4.4 U	3.5 UJ	91 U	4.9 U	4.6 U	--	--	93 U	4.5 U	52 U	93 U	3.7 U
Trichloroethene	ug/kg	4.4 U	3.5 UJ	59 J	82	0.67 J	--	--	93 U	4.5 U	1300	7600	3.7 U
Trichlorofluoromethane (CFC-11)	ug/kg	4.4 U	3.5 UJ	180 U	4.9 U	4.6 U	--	--	190 UJ	4.5 U	100 UJ	190 U	3.7 U
Vinyl chloride	ug/kg	4.4 U	3.5 UJ	73 U	4.9 U	4.6 U	--	--	74 U	4.5 U	42 U	74 U	3.7 U
Xylene (total)	ug/kg	8.8 U	6.9 UJ	270 U	9.7 U	9.2 U	--	--	280 U	9.1 U	160 U	280 U	7.5 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	230 U	220 U	230 U	240 U	230 U	--	--	12000 U	240 U	210 U	--	220 U
2-Methylnaphthalene	ug/kg	7.5 U	7.4 U	3100	8.1 U	7.5 U	--	--	38000	8.1 U	7.1 U	--	7.5 U
Acenaphthene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Acenaphthylene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Acetophenone	ug/kg	110 U	110 U	110 U	120 U	110 U	--	--	5800 U	120 U	110 U	--	110 U
Anthracene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Benzo(a)anthracene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Benzo(a)pyrene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Benzo(b)fluoranthene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Benzo(g,h,i)perylene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Benzo(k)fluoranthene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Biphenyl	ug/kg	56 U	56 U	57 U	61 U	56 U	--	--	2700 J	61 U	53 U	--	56 U
bis(2-Ethylhexyl)phthalate	ug/kg	76	20 J	57 U	83	48 J	--	--	2900 U	61 U	53 U	--	56 U
Caprolactam	ug/kg	370 U	370 U	370 U	400 U	370 U	--	--	19000 U	400 U	220 J	--	370 U
Carbazole	ug/kg	56 U	56 U	57 U	61 U	56 U	--	--	2900 U	61 U	53 U	--	56 U
Chrysene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Dibenz(a,h)anthracene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Dibenzofuran	ug/kg	56 U	56 U	57 U	61 U	56 U	--	--	2900 U	61 U	53 U	--	56 U
Di-n-butylphthalate	ug/kg	56 U	56 U	57 U	61 U	56 U	--	--	2900 U	61 U	53 U	--	56 U

TABLE 4.1

**DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN**

Sample Location:		***MW-68-08***	***MW-69-08***	***MW-69-08***	***TMW-70-08***	***TMW71-08***	***BH-72-08***	***BH-72-08***	***BH-72-08***	***BH-73-08***	***MW-74-08***	***MW-74-08***	***BH-75-08***
Sample Depth (ft BGS):		***(10-12)***	***(12-14)***	***(18-20)***	***(4-6)***	***(4-6)***	***(0-2)***	***(8-10)***	***(12-14)***	***(8-10)***	***(0-2)***	***(8-10)***	***(8-10)***
Sample ID:		***SO-17322-031208-CB-040***	***SO-17322-031208-CB-043***	***SO-17322-031208-CB-044***	***O-17322-030508-MC-BH700***	***O-17322-030608-MC-BH710***	***SO-17322-031308-CB-051***	***SO-17322-031308-CB-052***	***SO-17322-031308-CB-053***	***SO-17322-031408-CB-067***	***SO-17322-031408-CB-063***	***SO-17322-031408-CB-065***	***SO-17322-031208-CB-037***
Sample Date:		***03/12/2008***	***03/12/2008***	***03/12/2008***	***03/05/2008***	***03/06/2008***	***03/13/2008***	***03/13/2008***	***03/13/2008***	***03/14/2008***	***03/14/2008***	***03/14/2008***	***03/12/2008***
Sample Type:													
Parameter:	***Units***												
Fluoranthene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Fluorene	ug/kg	7.5 U	7.4 U	68	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Naphthalene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	8000	8.1 U	7.1 U	--	7.5 U
Phenanthrene	ug/kg	7.5 U	7.4 U	88	8.1 U	7.5 U	--	--	500	8.1 U	7.1 U	--	7.5 U
Pyrene	ug/kg	7.5 U	7.4 U	7.6 U	8.1 U	7.5 U	--	--	390 U	8.1 U	7.1 U	--	7.5 U
Metals													
Aluminum	mg/kg	6190	5720	1930	2740	6920	--	--	8950	5200	1600	--	7110
Antimony	mg/kg	0.072 J	0.070 J	0.042 J	r	0.052 J	--	--	0.034 J	0.045 J	0.17 UJ	--	0.069 J
Arsenic	mg/kg	3.8 J	3.3 J	2.2	4.4 J	1.7 J	--	--	4.1 J	5.6 J	2.7 J	--	4.8 J
Barium	mg/kg	38.7	28.2	6.4	19.6	45.1	--	--	64.4	28.8	6.9	--	34.7
Beryllium	mg/kg	0.44 U	0.41 U	0.18 U	0.21	0.36	--	--	0.26 U	0.19 U	0.17 U	--	0.40 U
Cadmium	mg/kg	0.17 U	0.15 U	0.082 J	0.27	0.34	--	--	0.093 U	0.12 U	0.085 U	--	0.11 U
Calcium	mg/kg	63200	77200	53300	72100	2750	--	--	44900 J	86200 J	39500 J	--	568
Chromium III (Trivalent)	mg/kg	10.2	9.7	5.2	7.4	10.2	--	--	13.3	8.5	0.43 U	--	13.6
Chromium Total	mg/kg	10.2	9.7	5.2	8.0	11.5	--	--	14.3 J	8.9 J	3.6 J	--	14.1
Chromium VI (Hexavalent)	mg/kg	0.90 U	0.89 U	0.91 U	0.68 J	1.3	--	--	1.0	0.35 J	4.1	--	0.50 J
Cobalt	mg/kg	6.0	6.2	2.4	3.3	4.5	--	--	4.6	5.8	2.2	--	6.8
Copper	mg/kg	17.5	15.5	8.8	13.5	8.0	--	--	13.4 J	16.6 J	5.1 J	--	13.2
Iron	mg/kg	12400	11800	5300	8640	8760	--	--	12800	13400	4370	--	12600
Lead	mg/kg	6.4	5.6	3.0	4.2	8.7	--	--	7.4 J	6.8 J	2.9 J	--	7.7
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	9690	15300	11500	10700	1770	--	--	18600 J	15700 J	7430 J	--	1940
Manganese	mg/kg	331	356	151	263	130 J	--	--	218	340	138	--	293
Mercury	mg/kg	0.045 U	0.018 J	0.045 U	0.049 U	0.023 J	--	--	0.031 J	0.024 J	0.043 U	--	0.038 J
Nickel	mg/kg	15.8	16.3	5.7	9.9 J	8.8	--	--	13.3 J	15.0 J	5.5 J	--	13.9
Potassium	mg/kg	1210	1280	392 J	569	774	--	--	755	1110	239 J	--	818
Selenium	mg/kg	0.43 J	0.43 J	0.30	0.58 J	0.85 J	--	--	0.37	0.45	0.15 J	--	0.45 J
Silver	mg/kg	0.090 U	0.026 J	0.091 U	2.1 J	0.042 J	--	--	0.027 J	0.097 U	0.085 U	--	0.089 U
Sodium	mg/kg	106	86.6 J	87.9 J	123	554	--	--	120	131 U	85.3 U	--	428
Thallium	mg/kg	0.16	0.24	0.091 U	0.13	0.12 U	--	--	0.095	0.24	0.067 J	--	0.11 U
Vanadium	mg/kg	14.7	13.8	7.8	9.1	15.2	--	--	21.5 J	14.4 J	6.1 J	--	18.7
Zinc	mg/kg	33.8 J	31.9 J	19.7	22.0 J	32.8	--	--	30.3	43.5	17.1	--	25.1 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	37 U	37 U	37 U	40 U	37 U	35 U	38 U	3800 U	40 U	35 U	--	37 U
Aroclor-1254 (PCB-1254)	ug/kg	37 U	37 U	37 U	40 U	37 U	240	38 U	20000	40 U	35 U	--	37 U
Aroclor-1260 (PCB-1260)	ug/kg	37 U	37 U	37 U	40 U	37 U	35 U	38 U	3800 U	40 U	35 U	--	37 U
Total PCBs	ug/kg	37 U	37 U	37 U	40 U	37 U	258	38 U	22000	40 U	35 U	--	37 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***MW-68-08***	***MW-69-08***	***MW-69-08***	***TMW-70-08***	***TMW71-08***	***BH-72-08***	***BH-72-08***	***BH-72-08***	***BH-73-08***	***MW-74-08***	***MW-74-08***	***BH-75-08***
Sample Depth (ft BGS):		***(10-12)***	***(12-14)***	***(18-20)***	***(4-6)***	***(4-6)***	***(0-2)***	***(8-10)***	***(12-14)***	***(8-10)***	***(0-2)***	***(8-10)***	***(8-10)***
Sample ID:		***SO-17322-031208-CB-040***	***SO-17322-031208-CB-043***	***SO-17322-031208-CB-044***	***O-17322-030508-MC-BH700***	***O-17322-030608-MC-BH710***	***SO-17322-031308-CB-051***	***SO-17322-031308-CB-052***	***SO-17322-031308-CB-053***	***SO-17322-031408-CB-067***	***SO-17322-031408-CB-063***	***SO-17322-031408-CB-065***	***SO-17322-031208-CB-037***
Sample Date:		***03/12/2008***	***03/12/2008***	***03/12/2008***	***03/05/2008***	***03/06/2008***	***03/13/2008***	***03/13/2008***	***03/13/2008***	***03/14/2008***	***03/14/2008***	***03/14/2008***	***03/12/2008***
Sample Type:													
Parameter:	***Units***												
General Chemistry													
Cyanide (total)	mg/kg	0.23 U	0.22 U	0.23 U	0.24 U	0.23 U	--	--	0.23 U	0.24 U	0.21 U	--	0.22 U
Total Solids	%	88.7	89.9	88.2	82.4	88.8	94.9	87.1	86.4	82.6	93.8	86.2	89.5

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-76-08*	*BH-77-08*	*BH-77-08*	*MW-78-08*	*MW-78-08*	*BH-79-08*	*TMW-80-08*	*TMW-81-08*	*BH-82-08*	*BH-82-08*	*BH-83-08*	*BH-84-08*
Sample Depth (ft BGS):		*(15.5-17.5)*	*(8-10)*	*(8-10)*	*(0-2)*	*(0-2)*	*(12-14)*	*(4-6)*	*(4-6)*	*(8-10)*	*(8-10)*	*(10-12)*	*(10-11.5)*
Sample ID:		*SO-17322-031108-CB-018*	*SO-17322-031108-CB-020*	*SO-17322-031108-CB-021*	*SO-17322-031108-CB-024*	*SO-17322-031108-CB-025*	*SO-17322-031108-CB-029*	*SO-17322-030508-MC-BH800*	*SO-17322-030508-MC-BH810*	*SO-17322-031208-CB-034*	*SO-17322-031208-CB-035*	*SO-17322-031208-CB-032*	*SO-17322-031208-CB-047*
Sample Date:		*03/11/2008*	*03/11/2008*	*03/11/2008*	*03/11/2008*	*03/11/2008*	*03/11/2008*	*03/05/2008*	*03/05/2008*	*03/12/2008*	*03/12/2008*	*03/12/2008*	*03/12/2008*
Sample Type:				*Duplicate*		*Duplicate*					*Duplicate*		
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	4.0 U	44 U	44 U	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
1,1-Dichloroethane	ug/kg	4.0 U	44 U	44 U	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
1,1-Dichloroethene	ug/kg	4.0 U	44 U	44 U	3.4 J	1.8 J	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
1,2,4-Trimethylbenzene	ug/kg	4.0 U	89 U	88 U	6.4 U	7.0 U	460	14	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
1,2-Dichlorobenzene	ug/kg	4.0 U	89 U	88 U	6.4 U	7.0 U	89 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	0.28 J
1,3,5-Trimethylbenzene	ug/kg	4.0 U	89 U	88 U	6.4 U	7.0 U	230	3.9 J	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
1,3-Dichlorobenzene	ug/kg	4.0 U	89 U	88 U	6.4 U	7.0 U	89 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
1,4-Dichlorobenzene	ug/kg	4.0 U	89 U	88 U	6.4 U	7.0 U	89 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	16 U	660 U	660 U	25 U	28 U	660 U	1.9 J	3.1 J	15 U	16 U	3.4 J	15 U
2-Hexanone	ug/kg	16 U	2200 U	2200 U	25 U	28 U	2200 U	17 U	16 U	15 U	16 U	21 U	15 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	16 U	2200 U	2200 U	25 U	28 U	2200 U	17 U	0.89 J	15 U	16 U	21 U	15 U
Acetone	ug/kg	16 U	660 U	660 U	25 U	28 U	660 U	17 UJ	16 UJ	15 U	16 U	20 J	15 U
Benzene	ug/kg	4.0 U	44 U	44 U	6.4 U	7.0 U	44 U	0.22 J	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Carbon disulfide	ug/kg	4.0 U	220 U	220 U	6.4 U	7.0 U	220 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Chloroethane	ug/kg	4.0 U	220 U	220 U	6.4 U	7.0 U	220 U	r	r	3.7 U	4.0 U	5.3 U	3.7 U
Chloroform (Trichloromethane)	ug/kg	4.0 U	44 U	44 U	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
cis-1,2-Dichloroethene	ug/kg	4.0 U	410	730	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Cyclohexane	ug/kg	8.0 U	1100 U	1100 U	13 U	14 U	27 J	8.7 U	8.2 U	7.4 U	8.0 U	11 U	7.4 U
Ethylbenzene	ug/kg	4.0 U	44 U	44 U	6.4 U	7.0 U	25 J	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Isopropylbenzene	ug/kg	4.0 U	220 U	220 U	6.4 U	7.0 U	54 J	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Methyl acetate	ug/kg	8.0 U	1100 U	1100 U	13 U	14 U	1100 U	r	r	7.4 U	8.0 U	11 U	7.4 U
Methyl cyclohexane	ug/kg	8.0 U	1100 U	1100 U	13 U	14 U	320 J	8.7 U	8.2 U	7.4 U	8.0 U	11 U	7.4 U
Methyl Tert Butyl Ether	ug/kg	16 U	220 U	220 U	25 U	28 U	220 U	17 U	16 U	15 U	16 U	21 U	15 U
Methylene chloride	ug/kg	4.0 U	220 U	220 U	6.4 U	7.0 U	220 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Tetrachloroethene	ug/kg	4.0 U	44 U	44 U	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Toluene	ug/kg	0.29 J	89 U	88 U	6.4 U	7.0 U	89 U	0.62 J	1.0 J	3.7 U	4.0 U	5.3 U	0.21 J
trans-1,2-Dichloroethene	ug/kg	4.0 U	48	90	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Trichloroethene	ug/kg	4.0 U	120 J	220 J	6.4 U	7.0 U	44 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	0.47 J
Trichlorofluoromethane (CFC-11)	ug/kg	4.0 U	89 U	88 U	6.4 U	7.0 U	89 U	0.66 J	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Vinyl chloride	ug/kg	4.0 U	45	66	6.4 U	7.0 U	35 U	4.4 U	4.1 U	3.7 U	4.0 U	5.3 U	3.7 U
Xylene (total)	ug/kg	8.0 U	130 U	130 U	13 U	14 U	92 J	1.3 J	0.63 J	7.4 U	8.0 U	11 U	7.4 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	220 U	220 U	220 U	220 U	220 U	220 U	150 J	220 U	220 U	220 U	240 U	220 U
2-Methylnaphthalene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	1100	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Acenaphthene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Acenaphthylene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Acetophenone	ug/kg	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	120 U	110 U
Anthracene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Benzo(a)anthracene	ug/kg	7.5 U	7.4 U	7.4 U	8.8	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Benzo(a)pyrene	ug/kg	7.5 U	7.4 U	7.4 U	8.1	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Benzo(b)fluoranthene	ug/kg	7.5 U	7.4 U	7.4 U	8.6	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Benzo(g,h,i)perylene	ug/kg	7.5 U	7.4 U	7.4 U	8.8	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Benzo(k)fluoranthene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Biphenyl	ug/kg	56 U	55 U	55 U	54 U	55 U	200	57 U	55 U	56 U	56 U	61 U	56 U
bis(2-Ethylhexyl)phthalate	ug/kg	30 J	55 U	55 U	28 J	41 J	22 J	63	28 J	56 U	60	140	26 J
Caprolactam	ug/kg	370 U	370 U	360 U	360 U	360 U	370 U	370 U	370 U	370 U	370 U	400 U	370 U
Carbazole	ug/kg	56 U	55 U	55 U	54 U	55 U	55 U	57 U	55 U	56 U	56 U	61 U	56 U
Chrysene	ug/kg	7.5 U	7.4 U	7.4 U	12	10	7.4 U	23	8.8	7.5 U	7.4 U	8.1 U	7.4 U
Dibenz(a,h)anthracene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Dibenzofuran	ug/kg	56 U	55 U	55 U	54 U	55 U	55 U	57 U	55 U	56 U	56 U	61 U	56 U
Di-n-butylphthalate	ug/kg	56 U	55 U	55 U	54 U	55 U	55 U	41 J	55 U	56 U	56 U	61 U	56 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-76-08***	***BH-77-08***	***BH-77-08***	***MW-78-08***	***MW-78-08***	***BH-79-08***	***TMW-80-08***	***TMW-81-08***	***BH-82-08***	***BH-82-08***	***BH-83-08***	***BH-84-08***
Sample Depth (ft BGS):		***(15.5-17.5)***	***(8-10)***	***(8-10)***	***(0-2)***	***(0-2)***	***(12-14)***	***(4-6)***	***(4-6)***	***(8-10)***	***(8-10)***	***(10-12)***	***(10-11.5)***
Sample ID:		***SO-17322-031108-CB-018***	***SO-17322-031108-CB-020***	***SO-17322-031108-CB-021***	***SO-17322-031108-CB-024***	***SO-17322-031108-CB-025***	***SO-17322-031108-CB-029***	***SO-17322-030508-MC-BH800***	***SO-17322-030508-MC-BH810***	***SO-17322-031208-CB-034***	***SO-17322-031208-CB-035***	***SO-17322-031208-CB-032***	***SO-17322-031208-CB-047***
Sample Date:		***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/05/2008***	***03/05/2008***	***03/12/2008***	***03/12/2008***	***03/12/2008***	***03/12/2008***
Sample Type:				***Duplicate***		***Duplicate***					***Duplicate***		
Parameter:	***Units***												
Fluoranthene	ug/kg	7.5 U	9.5	9.6	14	7.3 U	7.4 U	22	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Fluorene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Naphthalene	ug/kg	7.5 U	7.4 U	7.4 U	7.3 U	7.3 U	7.4 U	7.6 U	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Phenanthrene	ug/kg	7.5 U	7.5	7.8	7.3 U	7.3 U	94	22	10	7.5 U	7.4 U	8.1 U	7.4 U
Pyrene	ug/kg	7.5 U	7.5	8.0	13	7.7	21	16	7.4 U	7.5 U	7.4 U	8.1 U	7.4 U
Metals													
Aluminum	mg/kg	7650	5250	5290	2930	3450	6920	6710	6070	7610	6990	10400	5490
Antimony	mg/kg	0.070 J	0.044 J	0.041 J	0.098 J	0.081 J	0.057 J	0.034 J	0.047 J	0.092 J	0.080 J	0.14 J	0.064 J
Arsenic	mg/kg	5.3	4.2	4.1	5.1	6.4	5.0	4.0 J	3.8 J	4.8 J	4.7 J	5.2 J	4.6 J
Barium	mg/kg	48.5	34.6	31.5	17.1	17.4	39.3	44.0	65.6	47.3	45.8	83.9	38.1
Beryllium	mg/kg	0.40	0.27	0.27	0.21	0.22	0.33	0.39	0.32	0.51	0.48 U	1.1	0.40 U
Cadmium	mg/kg	0.28	0.22	0.21	0.30	0.36	0.28	0.39	0.31	0.19 U	0.20 U	0.17 U	0.30
Calcium	mg/kg	75700	61600	57200	45600	37500	75600	65700	101000	83700	74200	2240	57400
Chromium III (Trivalent)	mg/kg	12.6	11.4	10.1	4.7	5.0	13.2	12.4	12.1	12.0	12.3	18.4	9.7
Chromium Total	mg/kg	13.7	12.4	10.4	6.5	7.1	13.7	12.9	12.1	13.0	12.3	18.4	9.7
Chromium VI (Hexavalent)	mg/kg	1.0	1.1	0.27 J	1.8	2.1	0.47 J	0.49 J	0.89 U	1.0	0.89 U	0.97 U	0.89 U
Cobalt	mg/kg	9.1	5.3	6.2	4.3	4.8	7.4	6.0	4.0	7.8	7.0	7.2	5.3
Copper	mg/kg	15.6	10.6	11.1	9.6	12.7	13.7	14.7	11.6	17.5	17.2	13.4	12.6
Iron	mg/kg	15600	10900	10800	7900	9870	13500	13800	9780	16100	14500	29300	11000
Lead	mg/kg	6.8	4.9	5.2	5.9	6.7	6.1	6.8	6.4	6.6	6.5	9.9	4.2
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	14100	18500	15300	11800	11400	19600	15500	16500	14100	12600	2210	15400
Manganese	mg/kg	495	278	302	250	228	349	285	222	421	391	230	338
Mercury	mg/kg	0.023 J	0.044 U	0.017 J	0.043 U	0.017 J	0.021 J	0.045 U	0.044 U	0.022 J	0.022 J	0.037 J	0.020 J
Nickel	mg/kg	21.3 J	13.8 J	13.7 J	11.2 J	13.3 J	18.0 J	16.2 J	11.6 J	20.8	19.7	15.4	14.4
Potassium	mg/kg	1690	1090	1110	639	683	1320	1340	1280	1540	1460	861	1140
Selenium	mg/kg	0.50	0.35	0.30	0.31	0.33	0.39	0.90 J	0.89 J	0.49 J	0.43 J	0.90 J	0.34 J
Silver	mg/kg	0.018 J	0.089 U	0.088 U	0.019 J	0.088 U	0.089 U	0.091 UJ	0.055 J	0.090 U	0.089 U	0.040 J	0.089 U
Sodium	mg/kg	241	834	874	87.0 U	87.7 U	627	121	323	90.0 U	78.7 J	1850	88.9 U
Thallium	mg/kg	0.23	0.13	0.14	0.22	0.22	0.18	0.18	0.11	0.25	0.22	0.11 U	0.16
Vanadium	mg/kg	17.9	14.3	14.2	9.9	10.8	18.4	16.2	14.3	17.4	16.0	44.6	14.0
Zinc	mg/kg	36.1 J	27.6 J	26.7 J	40.9 J	90.6 J	33.4 J	34.8 J	20.4 J	37.4 J	35.6 J	43.1 J	35.4 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	37 U	37 U	36 U	36 U	36 U	37 U	37 U	37 U	37 U	37 U	40 U	37 U
Aroclor-1254 (PCB-1254)	ug/kg	37 U	37 U	36 U	36 U	36 U	37 U	37 U	37 U	37 U	37 U	40 U	37 U
Aroclor-1260 (PCB-1260)	ug/kg	37 U	37 U	36 U	36 U	36 U	37 U	37 U	37 U	37 U	37 U	40 U	37 U
Total PCBs	ug/kg	37 U	37 U	36 U	36 U	36 U	37 U	37 U	37 U	37 U	37 U	40 U	37 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-76-08***	***BH-77-08***	***BH-77-08***	***MW-78-08***	***MW-78-08***	***BH-79-08***	***TMW-80-08***	***TMW-81-08***	***BH-82-08***	***BH-82-08***	***BH-83-08***	***BH-84-08***
Sample Depth (ft BGS):		***(15.5-17.5)***	***(8-10)***	***(8-10)***	***(0-2)***	***(0-2)***	***(12-14)***	***(4-6)***	***(4-6)***	***(8-10)***	***(8-10)***	***(10-12)***	***(10-11.5)***
Sample ID:		***SO-17322-031108-CB-018***	***SO-17322-031108-CB-020***	***SO-17322-031108-CB-021***	***SO-17322-031108-CB-024***	***SO-17322-031108-CB-025***	***SO-17322-031108-CB-029***	***SO-17322-030508-MC-BH800***	***SO-17322-030508-MC-BH810***	***SO-17322-031208-CB-034***	***SO-17322-031208-CB-035***	***SO-17322-031208-CB-032***	***SO-17322-031208-CB-047***
Sample Date:		***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/11/2008***	***03/05/2008***	***03/05/2008***	***03/12/2008***	***03/12/2008***	***03/12/2008***	***03/12/2008***
Sample Type:				***Duplicate***		***Duplicate***					***Duplicate***		
Parameter:	***Units***												
General Chemistry													
Cyanide (total)	mg/kg	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.23 U	1.2	0.22 U	0.22 U	0.24 U	0.22 U
Total Solids	%	89.1	90.4	90.6	92.0	91.2	90.3	88.1	90.4	88.9	89.6	82.5	90.0

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-84-08*	*BH-85-08*	*BH-86-08*	*TMW87-08*	*BH-88-08*	*BH-89-08*	*BH-90-08*	*BH-91-08*	*BH-96-08*
Sample Depth (ft BGS):		*(10-11.5)*	*(8-10)*	*(8-10)*	*(7-9)*	*(8-10)*	*(10.5-12.5)*	*(7-9)*	*(6-8)*	*(8-10)*
Sample ID:		*SO-17322-031208-CB-048*	*SO-17322-031308-CB-055*	*SO-17322-031208-CB-050*	*SO-17322-030608-MC-BH870*	*SO-17322-031108-CB-023*	*SO-17322-031308-CB-059*	*SO-17322-031308-CB-060*	*SO-17322-031308-CB-061*	*SO-17322-031408-CB-069*
Sample Date:		*03/12/2008*	*03/13/2008*	*03/12/2008*	*03/06/2008*	*03/11/2008*	*03/13/2008*	*03/13/2008*	*03/13/2008*	*03/14/2008*
Sample Type:		*Duplicate*								
Parameter:	*Units*									
Volatile Organic Compounds										
1,1,1-Trichloroethane	ug/kg	4.2 U	4.1 U	46 UJ	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
1,1-Dichloroethane	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
1,1-Dichloroethene	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
1,2,4-Trimethylbenzene	ug/kg	4.2 U	4.1 U	91 U	5.0 U	4.1 U	3.4 U	4.1 U	52 J	4.3 U
1,2-Dichlorobenzene	ug/kg	4.2 U	4.1 U	91 U	5.0 U	4.1 U	3.4 U	4.1 U	93 U	4.3 U
1,3,5-Trimethylbenzene	ug/kg	4.2 U	4.1 U	91 U	5.0 U	4.1 U	3.4 U	4.1 U	53 J	4.3 U
1,3-Dichlorobenzene	ug/kg	4.2 U	4.1 U	91 U	5.0 U	4.1 U	3.4 U	4.1 U	93 U	4.3 U
1,4-Dichlorobenzene	ug/kg	4.2 U	4.1 U	91 U	5.0 U	4.1 U	3.4 U	4.1 U	93 U	4.3 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	17 U	16 U	690 U	20 U	16 U	14 U	1.5 J	700 UJ	17 U
2-Hexanone	ug/kg	17 U	16 U	2300 U	20 U	16 U	14 U	16 U	2300 UJ	17 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	17 U	16 U	2300 U	20 U	16 U	14 U	16 U	2300 UJ	17 U
Acetone	ug/kg	17 U	16 U	690 U	20 UJ	13 J	14 U	7.7 J	r	17 U
Benzene	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
Carbon disulfide	ug/kg	4.2 U	4.1 U	230 U	5.0 U	4.1 U	3.4 U	1.2 J	230 U	4.3 U
Chloroethane	ug/kg	4.2 U	4.1 U	230 U	r	4.1 U	3.4 U	4.1 U	230 UJ	4.3 U
Chloroform (Trichloromethane)	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
cis-1,2-Dichloroethene	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
Cyclohexane	ug/kg	8.3 U	8.1 U	1100 U	9.9 U	8.1 U	6.8 U	8.2 U	58 J	8.5 U
Ethylbenzene	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	22 J	4.3 U
Isopropylbenzene	ug/kg	4.2 U	4.1 U	230 U	5.0 U	4.1 U	3.4 U	4.1 U	74 J	4.3 U
Methyl acetate	ug/kg	8.3 U	8.1 U	1100 U	r	8.1 U	6.8 U	8.2 U	1100 U	8.5 U
Methyl cyclohexane	ug/kg	8.3 U	8.1 U	1100 U	9.9 U	8.1 U	6.8 U	8.2 U	110 J	8.5 U
Methyl Tert Butyl Ether	ug/kg	17 U	16 U	230 U	20 U	16 U	14 U	16 U	230 U	17 U
Methylene chloride	ug/kg	4.2 U	4.1 U	230 U	5.0 U	4.1 U	3.4 U	4.1 U	230 U	4.3 U
Tetrachloroethene	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
Toluene	ug/kg	4.2 U	4.1 U	91 U	0.37 J	4.1 U	3.4 U	4.1 U	14 J	4.3 U
trans-1,2-Dichloroethene	ug/kg	4.2 U	4.1 U	46 U	5.0 U	4.1 U	3.4 U	4.1 U	47 U	4.3 U
Trichloroethene	ug/kg	4.2 U	4.1 U	22 J	140	4.1 U	3.4 U	4.1 U	47 U	4.3 U
Trichlorofluoromethane (CFC-11)	ug/kg	4.2 U	4.1 U	91 U	5.0 U	4.1 U	3.4 U	4.1 U	93 U	4.3 U
Vinyl chloride	ug/kg	4.2 U	4.1 U	37 U	5.0 U	4.1 U	3.4 U	4.1 U	37 U	4.3 U
Xylene (total)	ug/kg	8.3 U	8.1 U	140 U	9.9 U	8.1 U	6.8 U	8.2 U	81 J	8.5 U
Semi-Volatile Organic Compounds										
2,6-Dinitrotoluene	ug/kg	220 U	220 U	230 U	230 U	230 U	230 U	230 U	4700 U	230 U
2-Methylnaphthalene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	2400	7.8 U
Acenaphthene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	1300	7.8 U
Acenaphthylene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Acetophenone	ug/kg	110 U	110 U	110 U	120 U	110 U	110 U	110 U	2300 U	120 U
Anthracene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Benzo(a)anthracene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Benzo(a)pyrene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Benzo(b)fluoranthene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Benzo(g,h,i)perylene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	14	7.6 U	160 U	7.8 U
Benzo(k)fluoranthene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Biphenyl	ug/kg	56 U	56 U	57 U	58 U	57 U	57 U	57 U	930 J	58 U
bis(2-Ethylhexyl)phthalate	ug/kg	56 U	56 U	57 U	30 J	30 J	25 J	57 U	570 J	58 U
Caprolactam	ug/kg	370 U	370 U	380 U	380 U	380 U	370 U	380 U	7700 U	390 U
Carbazole	ug/kg	56 U	56 U	57 U	58 U	57 U	57 U	57 U	1200 U	58 U
Chrysene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	180	7.8 U
Dibenz(a,h)anthracene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Dibenzofuran	ug/kg	56 U	56 U	57 U	58 U	57 U	57 U	57 U	1200 U	58 U
Di-n-butylphthalate	ug/kg	56 U	56 U	57 U	58 U	57 U	57 U	57 U	1200 U	58 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-84-08***	***BH-85-08***	***BH-86-08***	***TMW87-08***	***BH-88-08***	***BH-89-08***	***BH-90-08***	***BH-91-08***	***BH-96-08***
Sample Depth (ft BGS):		***(10-11.5)***	***(8-10)***	***(8-10)***	***(7-9)***	***(8-10)***	***(10.5-12.5)***	***(7-9)***	***(6-8)***	***(8-10)***
Sample ID:		***SO-17322-031208-CB-048***	***SO-17322-031308-CB-055***	***SO-17322-031208-CB-050***	***O-17322-030608-MC-BH870***	***SO-17322-031108-CB-023***	***SO-17322-031308-CB-059***	***SO-17322-031308-CB-060***	***SO-17322-031308-CB-061***	***SO-17322-031408-CB-069***
Sample Date:		***03/12/2008***	***03/13/2008***	***03/12/2008***	***03/06/2008***	***03/11/2008***	***03/13/2008***	***03/13/2008***	***03/13/2008***	***03/14/2008***
Sample Type:		***Duplicate***								
Parameter:	***Units***									
Fluoranthene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	25	7.6 U	310	7.8 U
Fluorene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	160 U	7.8 U
Naphthalene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	7.5 U	7.6 U	1600	7.8 U
Phenanthrene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	34	7.6 U	2600	7.8 U
Pyrene	ug/kg	7.4 U	7.4 U	7.6 U	7.7 U	7.6 U	25	7.6 U	560	7.8 U
Metals										
Aluminum	mg/kg	5930	6220	4840	4140	6790	6790	8700	5740	9050
Antimony	mg/kg	0.067 J	0.18 UJ	r	0.051 J	0.049 J	0.18 UJ	0.043 J	0.19 UJ	0.077 J
Arsenic	mg/kg	5.0 J	4.4 J	0.97 J	4.2 J	7.4	3.9 J	4.0 J	3.1 J	7.4 J
Barium	mg/kg	38.4	41.1	38.2	20.4	43.6	25.3	68.3	35.9	50.2
Beryllium	mg/kg	0.43 U	0.18 U	0.32 U	0.21	0.36	0.18 U	0.18 U	0.11 U	0.19 U
Cadmium	mg/kg	0.33	0.12 U	0.14 U	0.42	0.23	0.14 U	0.22 U	0.093 U	0.12 U
Calcium	mg/kg	73100	71700 J	95400	93800	63300	81300 J	83300 J	38400 J	77500 J
Chromium III (Trivalent)	mg/kg	10.7	10.7	9.1	13.6	11.7	12.0	14.4	10.1	14.4
Chromium Total	mg/kg	10.7	11.3 J	9.4	13.6	12.8	12.0 J	15.0 J	10.1 J	15.5 J
Chromium VI (Hexavalent)	mg/kg	0.89 U	0.55 J	0.30 J	0.92 U	1.2	0.90 U	0.62 J	0.93 U	1.1
Cobalt	mg/kg	6.4	6.2	2.2	5.0	6.8	7.5	6.5	5.4	8.9
Copper	mg/kg	14.3	12.7 J	6.8	15.4	13.8	15.7 J	18.1 J	10.2 J	19.8 J
Iron	mg/kg	12700	12500	5980	10800	13700	13300	17300	15200	18100
Lead	mg/kg	5.1	5.5 J	3.9	5.4	5.5	6.8 J	6.5 J	6.5 J	8.6 J
Lead - Coarse Fraction	mg/kg	--	--	--	--	--	--	--	--	--
Lead - Fine Fraction	mg/kg	--	--	--	--	--	--	--	--	--
Lead - Total (Calculated by fine/coarse fraction)	mg/kg	--	--	--	--	--	--	--	--	--
Magnesium	mg/kg	19400	14500 J	17300	12100	14300	12800 J	15100 J	9350 J	9930 J
Manganese	mg/kg	290	277	150	365 J	308	343	391	214	536
Mercury	mg/kg	0.063	0.045 U	0.021 J	0.046 U	0.019 J	0.021 J	0.021 J	0.047 U	0.023 J
Nickel	mg/kg	14.8	15.3 J	8.0	13.4	16.3 J	19.3 J	18.2 J	13.2 J	24.8 J
Potassium	mg/kg	1220	1210	668	727	1250	1650	1650	971	1640
Selenium	mg/kg	0.36 J	0.32	0.30 J	1.4 J	0.37	0.54	0.57	0.46	0.56
Silver	mg/kg	0.089 U	0.089 U	0.037 J	0.092 U	0.091 U	0.032 J	0.038 J	0.021 J	0.035 J
Sodium	mg/kg	108	89.0 U	105	115	256	283 U	506	862	905
Thallium	mg/kg	0.17	0.15	0.12 U	0.20	0.12	0.20	0.16	0.12	0.24
Vanadium	mg/kg	15.7	14.8 J	8.2	12.5	17.6	15.7 J	20.2 J	13.1 J	19.6 J
Zinc	mg/kg	37.4 J	31.2	21.4 J	29.7	28.6 J	36.4	37.6	32.8	45.2
Polychlorinated Biphenyls (PCBs)										
Aroclor-1248 (PCB-1248)	ug/kg	37 U	37 U	38 U	38 U	38 U	37 U	38 U	39 U	39 U
Aroclor-1254 (PCB-1254)	ug/kg	37 U	37 U	38 U	38 U	38 U	37 U	38 U	39 U	39 U
Aroclor-1260 (PCB-1260)	ug/kg	37 U	37 U	38 U	38 U	38 U	37 U	38 U	39 U	39 U
Total PCBs	ug/kg	37 U	37 U	38 U	38 U	38 U	37 U	38 U	39 U	39 U

TABLE 4.1

DETECTED PARAMETERS IN SOIL
PHASE II ESA
PVC (SOUTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		***BH-84-08***	***BH-85-08***	***BH-86-08***	***TMW87-08***	***BH-88-08***	***BH-89-08***	***BH-90-08***	***BH-91-08***	***BH-96-08***
Sample Depth (ft BGS):		***(10-11.5)***	***(8-10)***	***(8-10)***	***(7-9)***	***(8-10)***	***(10.5-12.5)***	***(7-9)***	***(6-8)***	***(8-10)***
Sample ID:		***SO-17322-031208-CB-048***	***SO-17322-031308-CB-055***	***SO-17322-031208-CB-050***	***SO-17322-030608-MC-BH870***	***SO-17322-031108-CB-023***	***SO-17322-031308-CB-059***	***SO-17322-031308-CB-060***	***SO-17322-031308-CB-061***	***SO-17322-031408-CB-069***
Sample Date:		***03/12/2008***	***03/13/2008***	***03/12/2008***	***03/06/2008***	***03/11/2008***	***03/13/2008***	***03/13/2008***	***03/13/2008***	***03/14/2008***
Sample Type:		***Duplicate***								
Parameter:	***Units***									
General Chemistry										
Cyanide (total)	mg/kg	0.22 U	0.22 U	0.23 U	0.21 J	0.23 U	0.23 U	0.23 U	0.23 U	0.23 U
Total Solids	%	90.0	89.8	87.6	86.5	87.6	88.5	88.0	85.6	85.6

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected.
BH	Soil boring.
MW	Monitoring well (samples taken from soil boring prior to well installation).
ft BGS	Feet below ground surface.
mg/kg	Milligrams per kilogram.
ug/kg	Micrograms per kilogram.
%	Percent.