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PHASE II ENVIRONMENTAL SITE ASSESSMENT

PONTIAC VALIDATION CENTER (NORTH 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
CRA	Conestoga-Rovers & Associates Inc.
CVO	Central Vehicle Operations
DCC	Direct Contact Criteria
DPT	Direct Push Technology
DWC	Drinking Water Criteria
ESA	Environmental Site Assessment
GCC	Groundwater Contact Criteria
GM	General Motors Corporation
GPM	Gallons Per Minute
HASP	Health and Safety Plan
HI	Hazard Index
LNAPL	Light Non-Aqueous Phase Liquid
MDEQ	Michigan Department of Environmental Quality
NAPL	Non-Aqueous Phase Liquid
PAOC	Potential Area of Concern
PAOR	Potential Area of Release
PCB	Polychlorinated biphenyl
PVC	Pontiac Validation Center
PID	Photoionization detector
PPE	Personal Protective Equipment

LIST OF ACRONYMS

PSIC	Particulate Soil Inhalation Criteria
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RRD	Remediation and Redevelopment Division
SOW	Scope of Work
SVIIC	Soil Volatilization to Indoor Air Inhalation Criteria
TAT	Turn Around Time
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
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 in Pontiac, Michigan. This report summarizes the results of the Phase II ESA as they pertain to just the North 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) identified during the Phase I ESA completed by CRA, the results of which are presented in a report dated October 2006 (CRA, 2006). CRA also investigated the area of fill located in the southern portion of the Site as part of this Phase II ESA. CRA submitted the Phase II ESA Work Plan (WP) to ENCORE in October 2007 (CRA, 2007). The Phase II ESA subsurface activities were performed between October 2007 and March 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 on the northern portion of 200 South Boulevard West (the PVC) in the City of Pontiac, Oakland County, Michigan. The Site is currently occupied by Building 30, paved parking areas, Central Vehicle Operations (CVO) areas, and landscaped areas. The majority of the current parking areas were historically occupied by a automotive

manufacturing facility known as Plant 1 (part of the PVC). The Site location is presented on Figure 1.1. An historical Site plan is presented on Figure 1.2. The current Site plan is presented on Figure 1.3.

The existing CVO Parking and Product Vehicle Parking areas (located in the north portion of the Site) are present in the area of the former Plant 1. Plant 1 was purchased from the Rapid Motor Company in 1906 and demolished in 1984. Based on the Phase I ESA (CRA, 2006), historical operations conducted at Plant 1 included metal finishing operations (plating, phosphating, pickling, heat treat, and painting), stamping, machining, grinding, polishing, solvent and oil storage, and several other manufacturing processes. Additionally, several underground storage tanks (USTs) and transformer substations were identified within the former Plant 1 area, along with a tunnel leading from a former adjacent Consumers Power Company facility. Building slabs and foundations reportedly remain beneath the existing paved parking areas.

Building 30 is located in the southeast corner of the Site and was constructed between 1964 and 1968. Building 30 is a long, rectangular one-story structure with high bay ceilings. While previous uses are unknown, the structure was used most recently for railcar loading/unloading operations and temporary parts/equipment storage, with railcars entering the north end of the building.

1.2 PREVIOUS INVESTIGATIONS

The following previous investigations has been conducted at:

- Area A (AST farm to the west of Building 30, Plant 1).

The location of this area is presented on Figure 1.4. Further details pertaining to Area A are provided in the Phase I ESA (2006) and the Phase II ESA WP (CRA, 2007a).

1.3 SUMMARY OF THE CRA 2006 PHASE I ESA

The Phase I ESA for the PVC completed by CRA in October 2006 (CRA, 2006) identified 7 PAOCs associated with the Site, which include the following:

- PAOC 1 – Historical Operations – Former Plant 1;
- PAOC 3 – Historical Adjacent Properties;

- PAOC 4 – USTs – Former Plant 1;
- PAOC 12 – Bare Soil Area;
- PAOC 16 – Bulk Loading/Unloading Areas;
- PAOC 18 – WMA at Plant 1;
- PAOC 20 – Former Transformers, Substations, and Large Capacitors;

The Phase I ESA identified the following PAORs:

- PAOR 1 - Belowgrade Pits, Trenches, Conveyors, and Sumps; and
- PAOR 2 – ASTs.

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 March 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, BH93-08 was not installed (intended installation was near boring BH9-07).

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, the installation of test pits, Shelby Tube sampling, and the collection of soil samples. Table 2.1 presents all soil borings, test pits, and Shelby Tube sampling locations completed at the Site and their corresponding PAOC or area of investigation. Additionally, Table 2.1 presents all soil samples collected during the Phase II ESA and the analytical parameters for which they were tested.

Drilling activities associated with the Phase II ESA investigation were conducted from October 10 to 12, 2007, October 15 to 18, 2007, December 7, 2007, and March 14, 2008. Nineteen soil borings were advanced and sampled using a Geoprobe direct push technology with a MacroCore® sampler to investigate the PAOCs. The soil borings were advanced until a continuous clay layer/confining layer was reached (a depth of between 10 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. 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).

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.

Four test pits (TP-1 through TP-4) were excavated in the bare soil area (PAOC 12) to depths ranging from 6.5 to 10 feet bgs. This area was suspected to be the location where thermal soil destruction operations occurred in 1995 and is just north of the area where there was historically a large underground tank farm. The soils within the test pits were examined by CRA field personnel for soil type, stratigraphy, banding, moisture, color, visual and olfactory evidence of impact, and screened for total VOCs with a PID. Analysis of soil samples was based on the above strategy with two to four samples being analyzed per test pit. The results of the test pit investigation are summarized in Section 4.5.

In addition to the soil borings previously discussed, ten soil borings (BH51-07 through BH60-07) were advanced to evaluate the soil for use as fill in the basements of demolished buildings associated with Plants 3 and 4 (located on the south portion of the PVC). Soil borings were advanced to a depth of 15 feet bgs and soil samples were analyzed for soil type, stratigraphy, banding, moisture, color, visual and olfactory evidence of impact, and screened for total VOCs with a PID with an 11.7 eV lamp in 2 to 2.5-foot intervals. All soil samples collected were described and classified according to the modified USCS. The results of the additional soil borings are summarized in Section 4.0.

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 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.

An undisturbed Shelby tube soil sample was collected from one location (adjacent to soil boring BH5-07) where a native continuous clay layer/confining layer was identified, and the sample was 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. This Shelby tube sample was 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. Eight 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.

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 five of the eight 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 BH59-07 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.

3.1.1 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.

3.1.2 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 10 to 12, 2007, October 15 to 18, 2007, December 7, 2007, and March 14, 2008. During this Phase II ESA, approximately 29 soil borings (including 10 fill investigation locations) were drilled at the Site.

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 geologic 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 1 foot at BH59-07 to a maximum thickness of 15 feet at MW7-07 (shown on central portion of geologic cross-Section B-B'). 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 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 946 feet AMSL at the extreme southeast part of the Site to about 935 feet AMSL at the extreme northern portion of the Site. These elevations correspond to water table depths on the order of 1.5 to 15.5 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 0.0002 to 0.2 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 1.5 to 15.5 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 are shown on Figure 2.1. Laboratory Analytical Data Reports are presented in Appendix D.

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. As indicated in Table 2.1, no positive jar test results were obtained at the Site.

4.1.2 FIELD OBSERVATIONS

Based on field observations, the following notes were made:

PAOC 1 – Historical Operations – Plant 1

- Soil retrieved from soil boring MW20-07 was observed to be black throughout the 0.5 to 4.25 feet bgs interval. However, PID readings for the interval ranged from 0.1 to 0.3 ppm.

PAOC 4 – USTs – Former Plant 1

- Black staining was observed in soil boring BH92-08 at 9.3 feet bgs. The PID reading at 9.3 feet bgs was recorded at 7.3 ppm. A petroleum odor was encountered at the 10 to 11.5 feet bgs interval. The PID reading for the 10 to 11.5 feet bgs interval was recorded at 4.3 ppm. There was a negative Sudan IV jar test result on the 7.5 to 9.5 feet bgs interval.

Potential Fill Investigation

- A slight petroleum-like odor was encountered at soil boring BH57-07 at the 0.5 to 5.0 feet bgs interval. The PID reading for the interval was 0 ppm.

4.2 SHELBY TUBE SAMPLE RESULTS

Three soil samples were collected from the PVC (one on-Site sample) for geotechnical analysis using a Shelby tube sampler on December 10, 2007. The on-Site sample was collected adjacent to BH5-07 at 15 to 20 feet bgs (ST-1). The interval was selected to provide a representative sample of the overburden Site soils. The Shelby tube samples underwent hydraulic triaxial testing, to determine the hydraulic conductivity of the soil, and a grain size analysis.

According to the results of the hydraulic triaxial testing and grain size analysis, the on-Site soil sample was classified as follows:

Sample ID	*Location*	*Depth (feet bgs)*	*Soil Description*	*Hydraulic Conductivity (cm/sec)*
ST-1	Adjacent to BH5-07	15 to 20	Sand and silt, with clay, trace gravel	1.9×10^{-08}

A grain size distribution chart 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 Residential and Industrial scenarios of the following:

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

It should be noted that the data screening completed by ENVIRON did not include screening against the following MDEQ Part 201 criteria/levels for soil and groundwater:

- 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 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 summary of detected parameters in soil is presented in Table 4.1, and a 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 1). 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 1 and 3 are discussed in Section 4.4.1.

4.4.1 PAOCS 1 AND 3 – HISTORICAL SITE OPERATIONS AND ADJACENT PROPERTIES

Based on the Phase I ESA (CRA, 2006), former Plant 1 was initially developed in 1906 by the Rapid Motor Car Company, with subsequent additions to the facility over the years. The Rapid Motor Car Company, and later GM, utilized former Plant 1 for the manufacture and assembly of vehicles. 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 ASTs, USTs, 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. These types of operations typically utilize petroleum products and solvents. Additionally, a tunnel was identified on a 1954 Factory Insurance Map between the former Consumers Power Company facility (electric light plant) and former Plant 1. No further information regarding the tunnel was available. Specific potential impacts to the Site from these operations could not be determined.

Soil Analytical Results

No constituents were detected at PAOC 1 or PAOC 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 MW10-07, and MW11-07. Manganese was detected at a concentration exceeding the Residential DWC at monitoring well MW2-07. Lead was detected at concentrations exceeding the Residential and Industrial DWC at monitoring well MW10-07. Vanadium was detected at a concentration exceeding the Residential DWC at monitoring well MW10-07.

Total polychlorinated biphenyls (PCBs) were detected at a concentration exceeding the Residential and Industrial DWC at monitoring well MW2-07. TCE was detected at concentrations exceeding the Residential and Industrial DWC at monitoring well MW2-07.

No other constituents were detected at the PAOC 1 or PAOC 3 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.2 PAOC 4: UNDERGROUND STORAGE TANKS – FORMER PLANT 1

Based on the Phase I ESA (CRA, 2006), at least 11 historic USTs were present in the vicinity of former Plant 1. No information regarding closure (i.e., removed, abandoned-in-place, etc.) of the USTs at former Plant 1 was available.

Soil borings BH3-07, BH9-07, MW16-07, BH25-07, and BH92-08 were advanced throughout the former Plant 1 to investigate potential impacts associated with historic USTs. A monitoring well was installed at MW16-07 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

Arsenic was detected at a concentration exceeding the Residential DCC criteria at BH92-08. No other constituents were detected at the PAOC 4 investigative locations at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

4.4.3 PAOC 12: BARE SOIL AREA

Based on the Phase I ESA (CRA, 2006), vegetation in the area north/northwest of Building 30 is sparse. Site personnel indicated that this area was historically part of a thermal soil remediation effort by Carlo Environmental Technologies, Inc. No additional information regarding the remediation was available to CRA. It is also just north of the general location of historical USTs.

Soil boring MW13-07 was advanced to investigate potential impacts associated with the bare soil area. A monitoring well was installed at MW13-07. Additionally, four test pits were excavated to investigate PAOC 12 (see Section 4.5).

Soil Analytical Results

Lead was detected at a concentration that exceeds the residential DCC at MW13-07. No other constituents were detected at the PAOC 12 investigative location at concentrations exceeding the selected MDEQ Part 201 Criteria as evaluated by ENVIRON.

Groundwater Analytical Results

No constituents were detected at the PAOC 12 investigative location at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.4 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 1 and 3, the results from the overall Phase II ESA investigation contribute to the evaluation of bulk loading and unloading areas.

4.4.5 PAOC 18: WMA AT PLANT 1

Based on the Phase I ESA (CRA, 2006), a hazardous waste container storage area was historically identified east of Building 12 at Plant 1 in a 1981 Closure Plan. No follow-up information on the closure was available for CRA review.

Soil boring BH8-07 was advanced to investigate potential impacts associated with the WMA at Plant 1.

Soil Analytical Results

No constituents were detected at the PAOC 18 investigative location at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.4.6 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.

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 1 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 a groundwater sample collected at MW-2-07 (PAOC 1) at a concentration exceeding the industrial and residential DWC.

4.5 PHASE II ESA RESULTS – TEST PIT INVESTIGATION

As mentioned in Section 2.3, four test pits (TP1 through TP4) were excavated in the bare soil area (PAOC 12) to depths ranging from 6.5 to 10 feet bgs to investigate potential impacts associated with past thermal soil destruction operations (1995) and the general area where a UST tank farm was historically located. Four soil samples were collected from test pit TP-1 (two floor samples, two wall samples), and two samples were collected from each of test pits TP-2 through TP-4 (one floor sample and one wall sample from each). The highest PID reading was observed in test pit TP-1, where a reading of 6.8 ppm was recorded. Brick, asphalt, and concrete debris were observed in excavated material from each test pit.

No constituents were detected in the fill at concentrations exceeding the selected MDEQ Part 201 Criteria as identified by ENVIRON.

4.6 RISK EVALUATION RESULTS

ENVIRON completed a risk evaluation of the constituents detected at concentrations exceeding the above-noted MDEQ Part 201 Criteria. ENVIRON calculated cumulative cancer risk and non-cancer hazard index (HI) estimates for potential exposure to constituents in soil and groundwater. 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, or groundwater 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; and
- Maintenance worker and construction worker ingestion, dermal contact, and inhalation of constituents in groundwater during excavations that extend into groundwater.

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.

Based on the risk evaluation, ENVIRON concluded that the soil and groundwater data used in the evaluation do not indicate a potential for significant worker exposures at the Site. 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 29 soil borings (including 10 fill investigation soil borings) were advanced at the Site. Of the 29 soil borings, eight were converted into monitoring wells;
- 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 1.5 to 18.5 feet bgs within the fine-grained material and the sand layers of the clay/silt glacial deposits;
- **PAOCs 1 and 3 – Historical Site Operations and Adjacent Properties:** Based on the ENVIRON screening, metals were detected in monitoring wells MW10-07 and MW11-07 at concentrations exceeding the selected MDEQ Part 201 criteria. PCBs and TCE were detected in groundwater at monitoring well MW2-07 at a concentration exceeding the selected MDEQ Part 201 criteria;
- **PAOC 4 – USTs – Former Plant 1:** Based on the ENVIRON screening, arsenic was detected in soil at soil boring BH92-08 at a concentration exceeding the selected MDEQ Part 201 criteria;
- **PAOC 12 –Bare Soil Area:** Based on the ENVIRON screening, lead was detected in soil at soil boring MW13-07 at a concentration exceeding the selected MDEQ Part 201 criteria; and
- The ENVIRON risk evaluation concluded that the soil and groundwater data used in the evaluation do not indicate a potential for significant worker exposures at the Site.

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.

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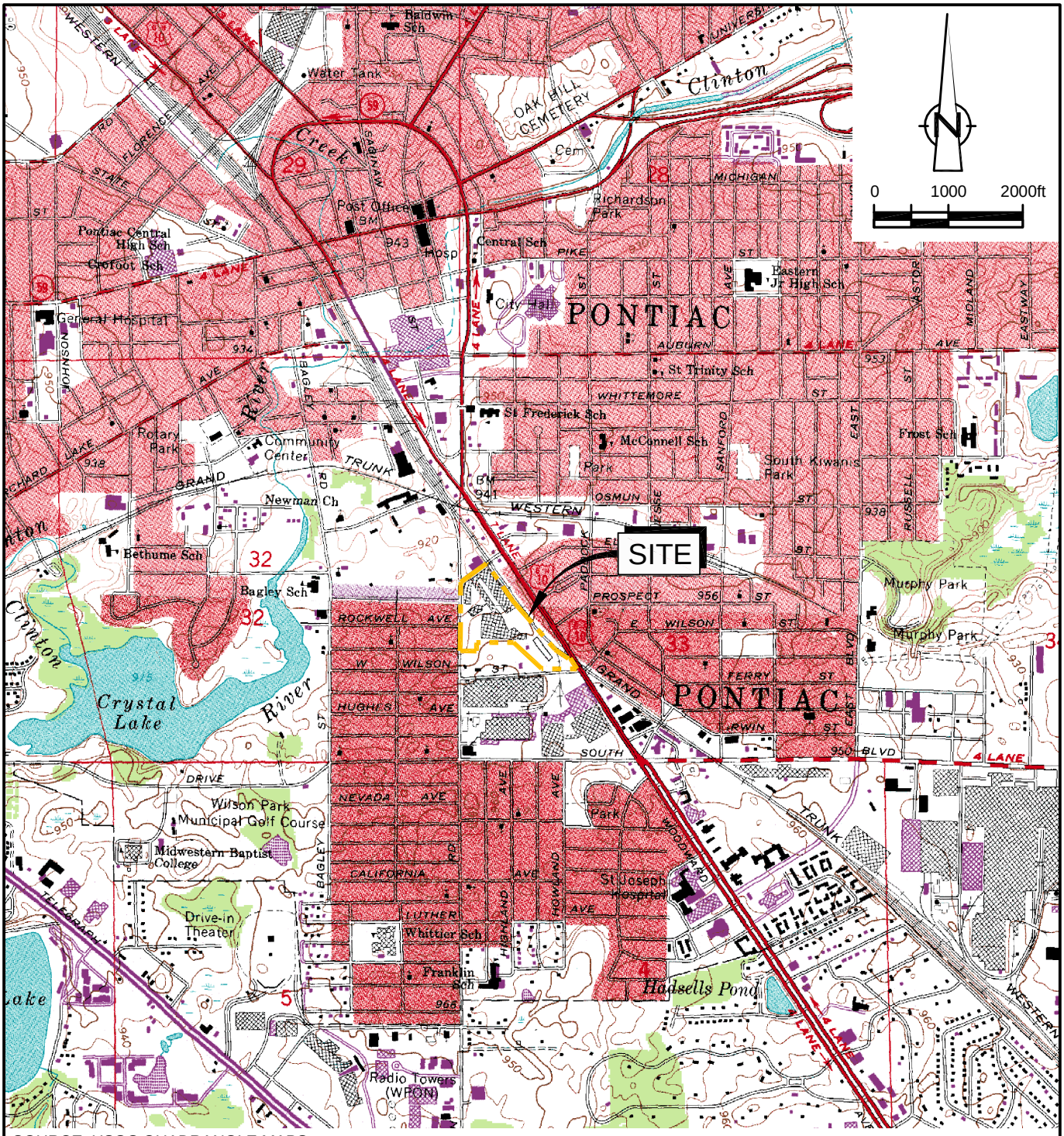
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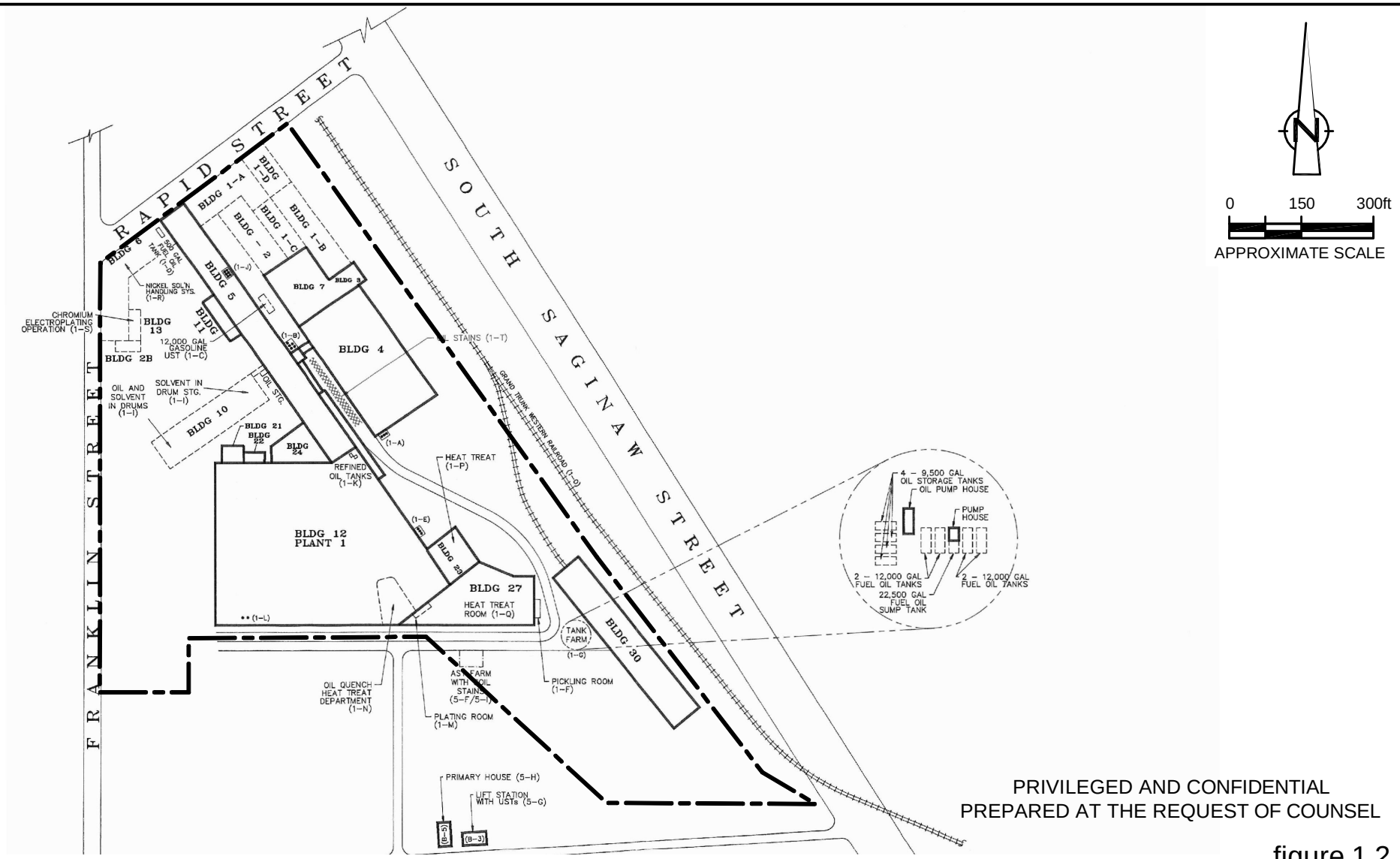


SOURCE: USGS QUADRANGLE MAPS;
PONTIAC NORTH AND SOUTH, MICHIGAN; 1968

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

figure 1.1

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



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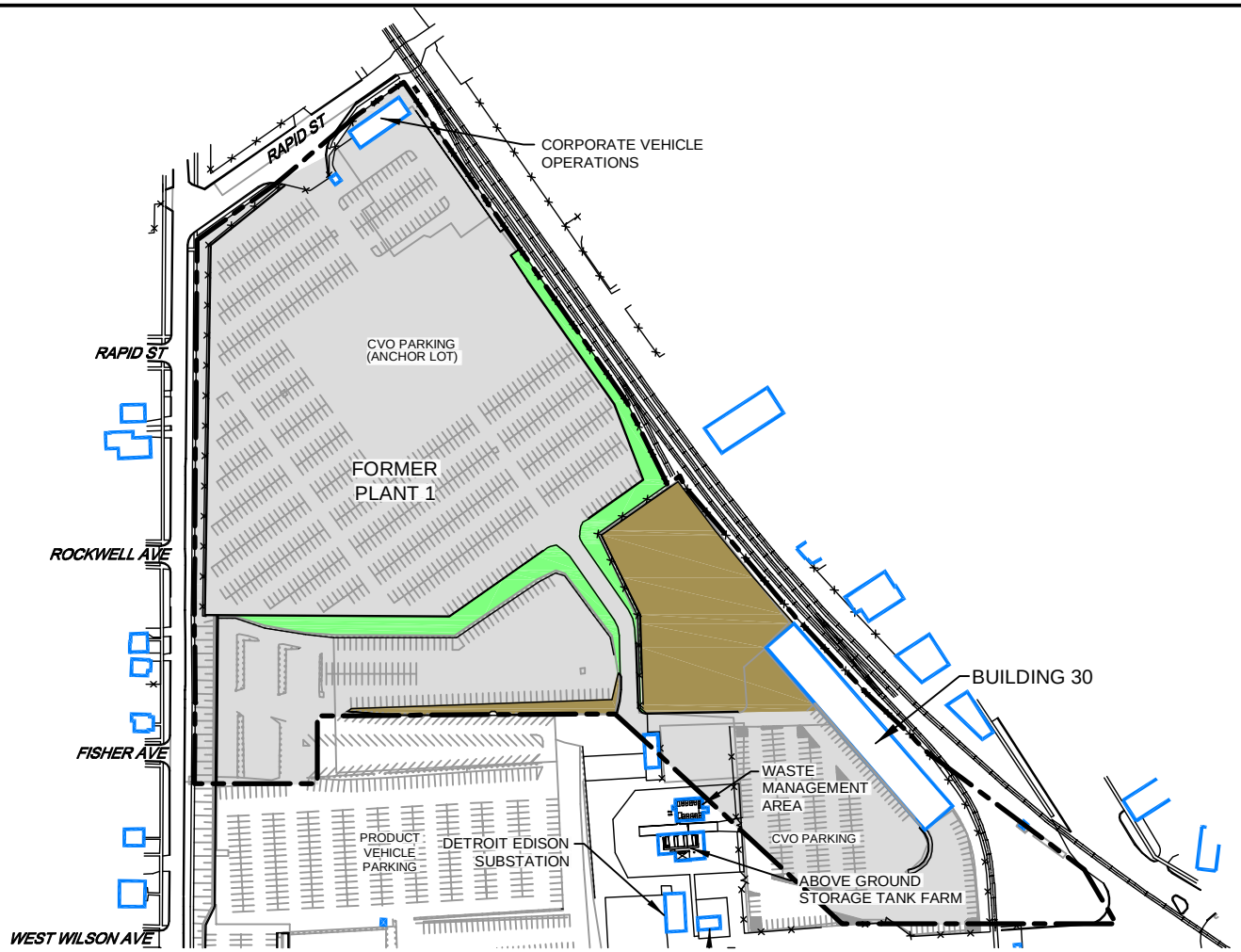
figure 1.2

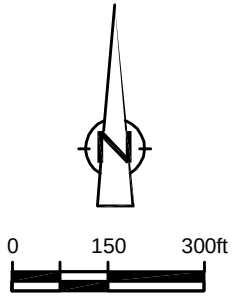
SOURCES: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

LEGEND

APPROXIMATE SITE BOUNDARY

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





LEGEND

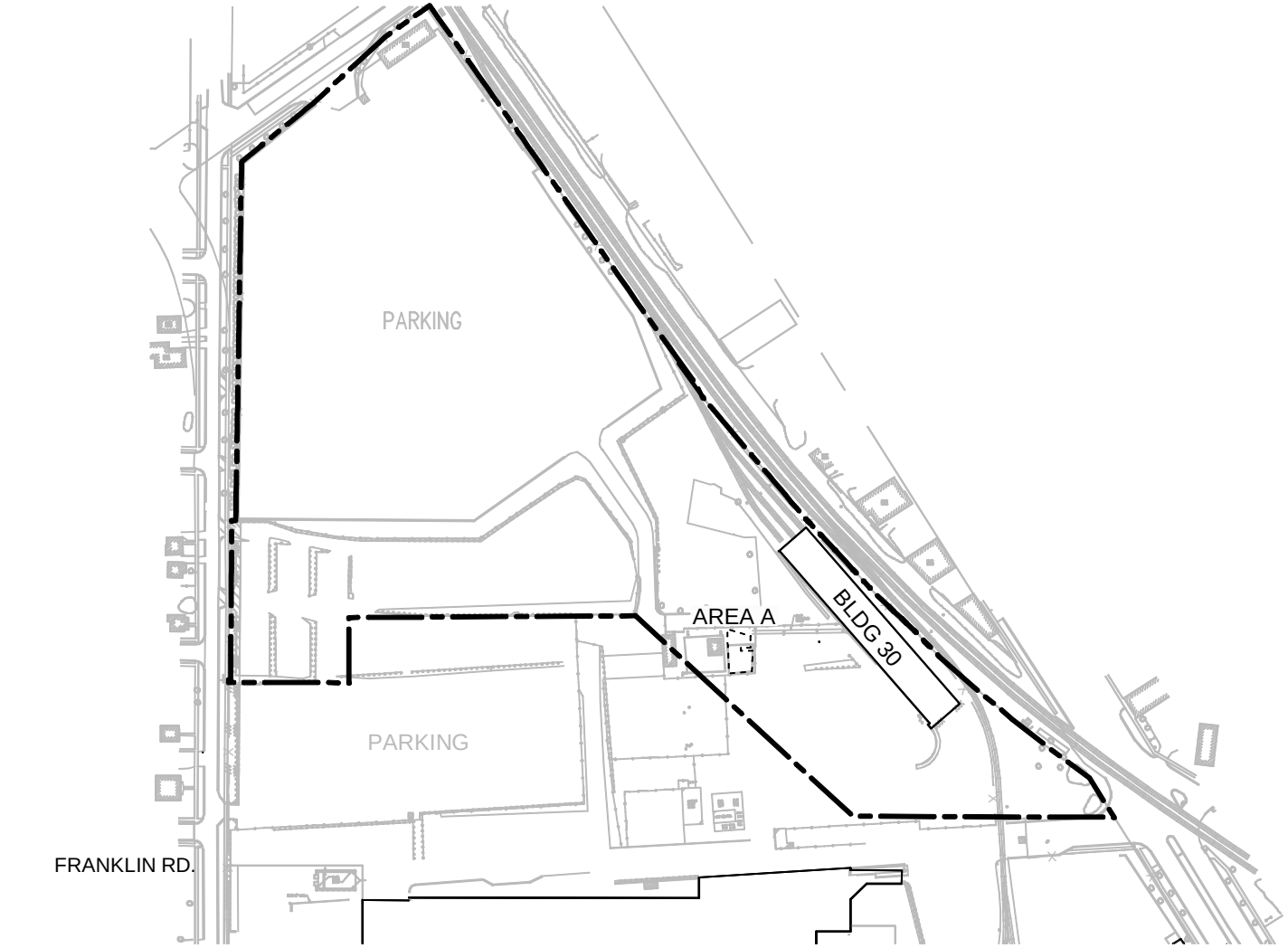
- APPROXIMATE SITE BOUNDARY
- GRASS
- SAND/GRAVEL/STONE
- ASPHALT/CONCRETE

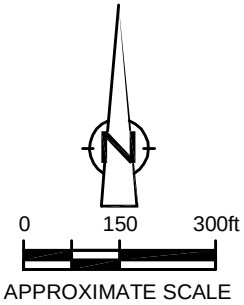
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PREPARED AT THE REQUEST OF COUNSEL

figure 1.3

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

17322-06(006)GN-WA003 JUN 12/2009





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

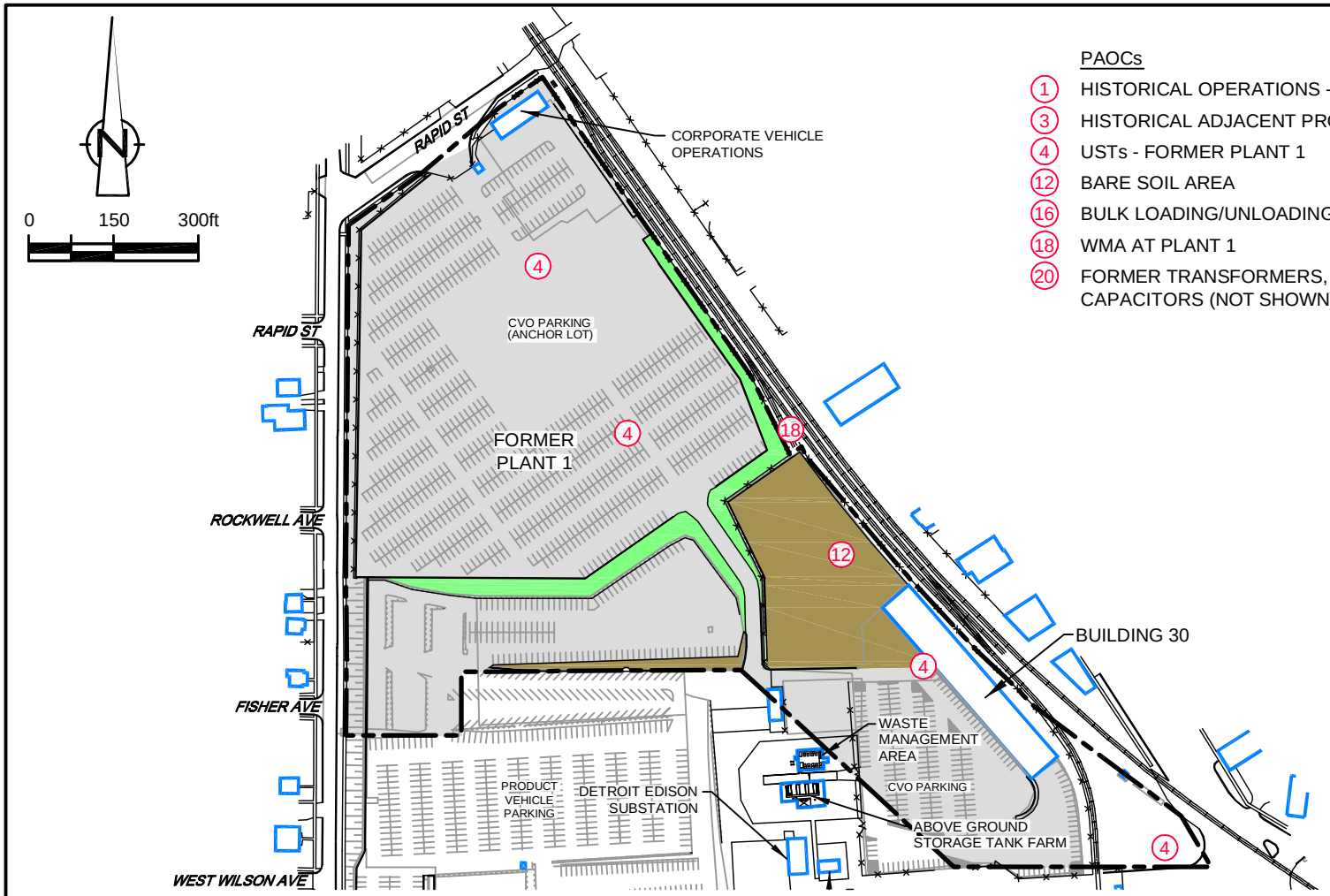
LEGEND

APPROXIMATE SITE BOUNDARY

figure 1.4

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

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PAOCs

1. HISTORICAL OPERATIONS - FORMER PLANT 1 (NOT SHOWN)
3. HISTORICAL ADJACENT PROPERTIES (NOT SHOWN)
4. USTs - FORMER PLANT 1
12. BARE SOIL AREA
16. BULK LOADING/UNLOADING AREAS (NOT SHOWN)
18. WMA AT PLANT 1
20. FORMER TRANSFORMERS, SUBSTATIONS, AND LARGE CAPACITORS (NOT SHOWN)

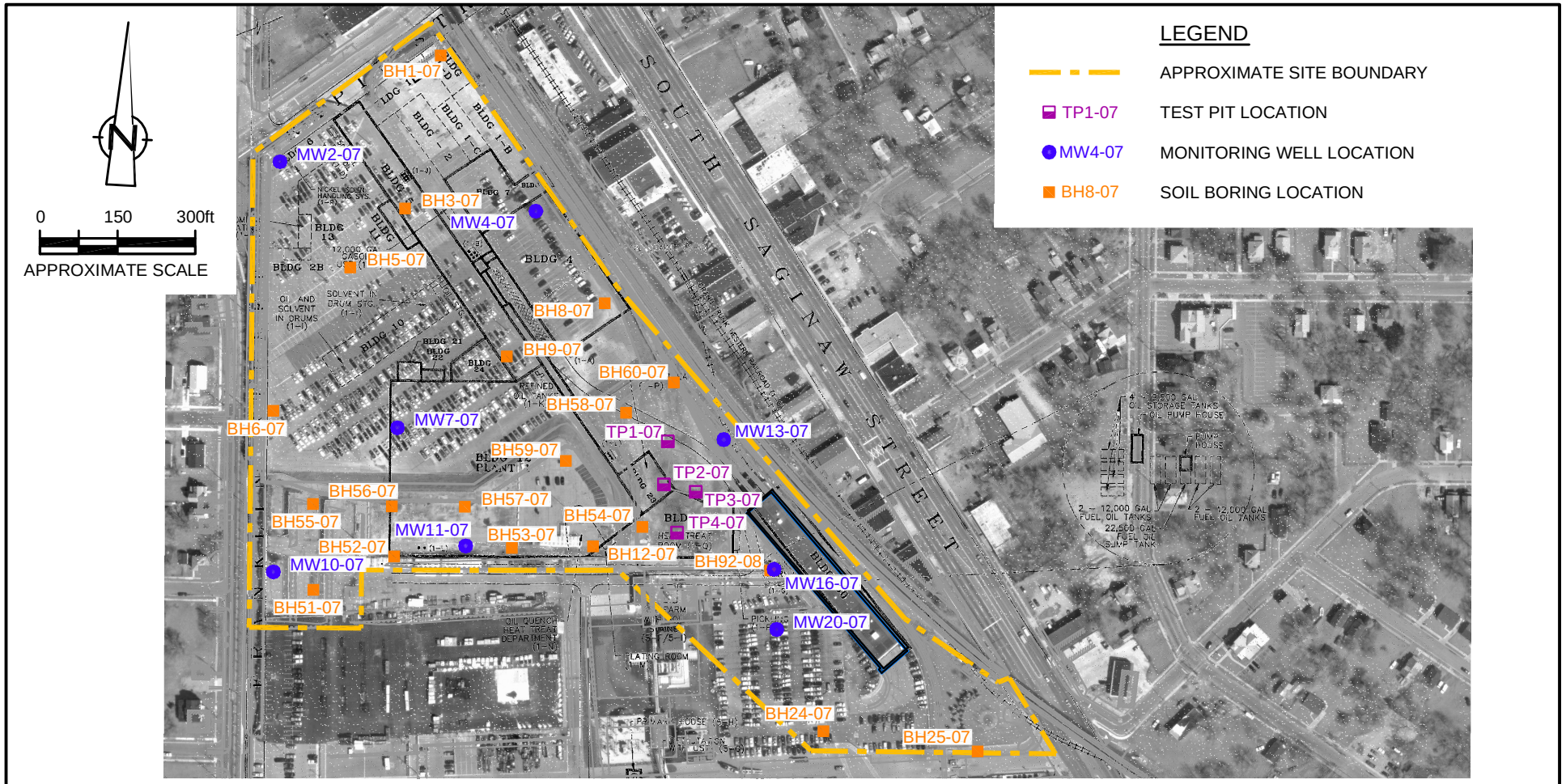
LEGEND

- APPROXIMATE SITE BOUNDARY
- GRASS
- SAND/GRAVEL/STONE
- ASPHALT/CONCRETE
- PAOC — POTENTIAL AREA OF CONCERN

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figure 1.5

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



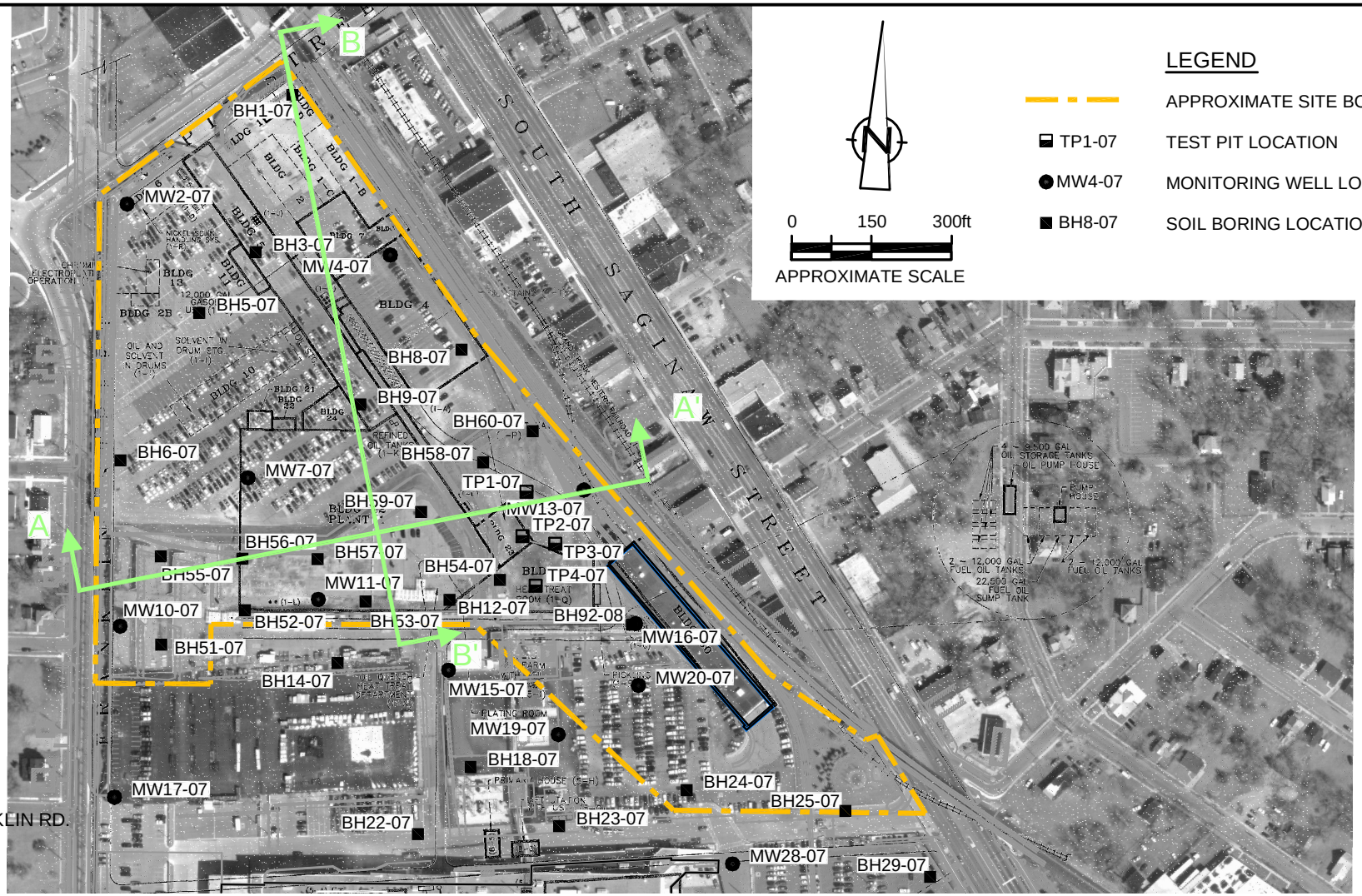
HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

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

figure 2.1

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

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



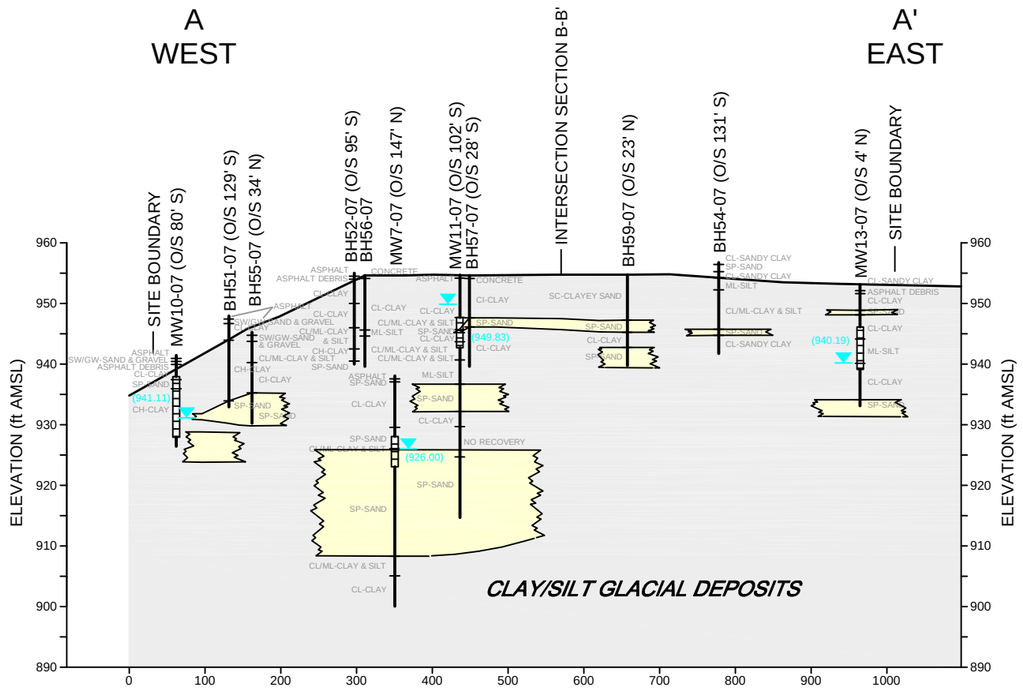
HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

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

figure 3.1

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

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL



DISTANCE IN FEET
HORIZONTAL TO VERTICAL EXAGGERATION 8 : 1

LEGEND

MW10-07 — WELL/BOREHOLE ID

SAND LAYERS

(941.11) — GROUNDWATER ELEVATION SYMBOL

STRATIGRAPHIC CONTACT

SCREENED INTERVAL

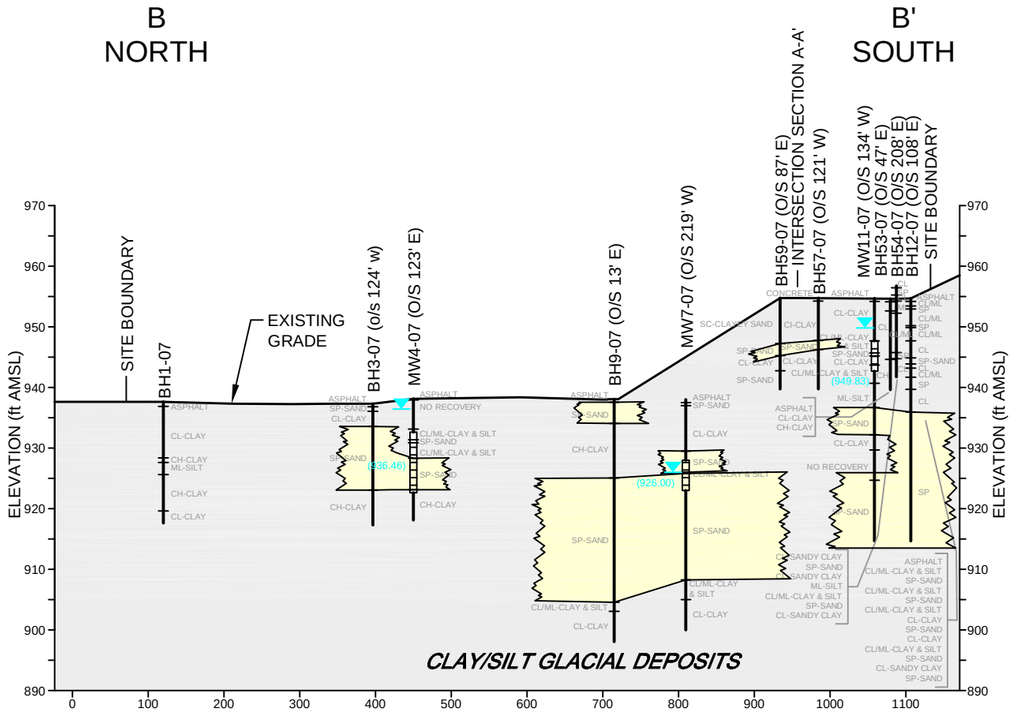
ft AMSL	FEET ABOVE MEAN SEA LEVEL
(941.11)	GROUNDWATER ELEVATION IN ft AMSL (MEASURED DECEMBER 12, 2008)

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

figure 3.2

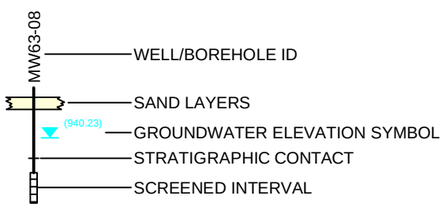
CROSS-SECTION A-A'
PHASE II ENVIRONMENTAL SITE ASSESSMENT
PONTIAC VALIDATION CENTER (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

PRIVILEGED AND CONFIDENTIAL
PREPARED AT ENCORE COUNSEL'S REQUEST



DISTANCE IN FEET
HORIZONTAL TO VERTICAL EXAGGERATION 8 : 1

LEGEND



ft AMSL — FEET ABOVE MEAN SEA LEVEL

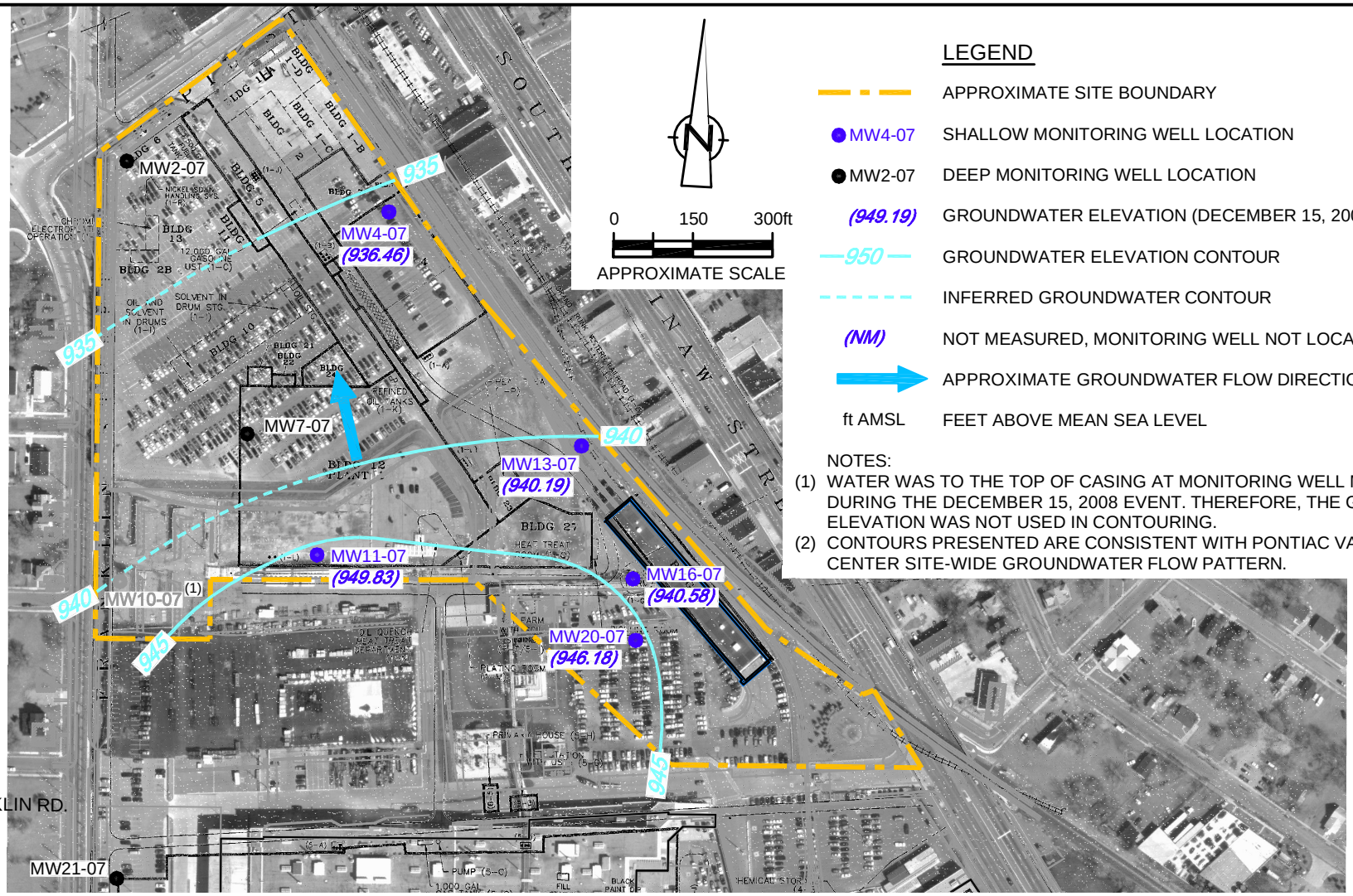
(940.23) — GROUNDWATER ELEVATION IN ft AMSL (MEASURED DECEMBER 12, 2008)

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 (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan



NOTES:
(1) WATER WAS TO THE TOP OF CASING AT MONITORING WELL MW10-07 DURING THE DECEMBER 15, 2008 EVENT. THEREFORE, THE GROUNDWATER ELEVATION WAS NOT USED IN CONTOURING.
(2) CONTOURS PRESENTED ARE CONSISTENT WITH PONTIAC VALIDATION CENTER SITE-WIDE GROUNDWATER FLOW PATTERN.

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 (NORTH PARCEL)
200 South Boulevard West, Pontiac, Michigan

PRIVILEGED AND CONFIDENTIAL
PREPARED AT THE REQUEST OF COUNSEL

MW-2-07	10/12/2007 0-2 ft BGS On-Site	10/12/2007 8-10 ft BGS On-Site	10/12/2007 11.75-13.75 ft BGS On-Site
Metals			
Aluminum	2390	-	-
Arsenic	7.7 (D)	4.1	3.8
Lead	10.3	-	-
Manganese	263	-	-
Vanadium	8.9	-	-
PCBs			
Total PCBs	0.035 U	-	-
VOCs			
Trichloroethene	0.0042 U	-	-

BH-3-07	10/12/2007 0-2 ft BGS On-Site
Metals	
Aluminum	2520
Arsenic	4.1
Lead	6
Manganese	276
Vanadium	10.2
PCBs	
Total PCBs	0.036 U
VOCs	
Trichloroethene	0.0037 U

BH-1-07	12/7/2007 8-10 ft BGS On-Site
Metals	
Aluminum	4760
Arsenic	3.2
Lead	5.7
Manganese	288
Vanadium	12.4
PCBs	
Total PCBs	0.036 U
VOCs	
Trichloroethene	0.0041 U

MW-4-07	10/11/2007 15-17 ft BGS On-Site
Metals	
Aluminum	3730
Arsenic	3.3
Lead	5.3
Manganese	235
Vanadium	12.4
PCBs	
Total PCBs	0.036 U
VOCs	
Trichloroethene	0.0035 U

BH-8-07	10/11/2007 1.5-2.5 ft BGS On-Site
Metals	
Aluminum	4230
Arsenic	4.1
Lead	5.5
Manganese	241
Vanadium	12.9
PCBs	
Total PCBs	0.037 U
VOCs	
Trichloroethene	0.0038 U

MW-13-07	10/18/2007 0-2 ft BGS On-Site	10/18/2007 7-9 ft BGS On-Site
Metals		
Aluminum	8190/6320	-
Arsenic	6.9/3.8	-
Lead	242/446 (D)	14.5 J
Manganese	317/469	-
Vanadium	17.9/20	-
PCBs		
Total PCBs	0.035 U/0.039 U	-
VOCs		
Trichloroethene	0.004 U/0.0044 U	-

BH-5-07	10/15/2007 0-2 ft BGS On-Site
Metals	
Aluminum	1640
Arsenic	5.1
Lead	4.1
Manganese	260
Vanadium	6.4
PCBs	
Total PCBs	0.035 U
VOCs	
Trichloroethene	0.0037 U

BH-92-08	3/14/2008 7.5-9.5 ft BGS On-Site
Metals	
Aluminum	14700
Arsenic	12.1 J(D)
Lead	18 J
Manganese	923
Vanadium	36.2 J
PCBs	
Total PCBs	0.04 U
VOCs	
Trichloroethene	0.0048 U

MW-16-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	4050
Arsenic	4.4
Lead	14.3
Manganese	339
Vanadium	12.4
PCBs	
Total PCBs	0.038 U
VOCs	
Trichloroethene	0.0041 U

BH-6-07	10/12/2007 0-2 ft BGS On-Site
Metals	
Aluminum	4550/5220
Arsenic	5/5.3
Lead	13.2/18.8
Manganese	275/304
Vanadium	15.1/13.7
PCBs	
Total PCBs	0.0225/0.036 U
VOCs	
Trichloroethene	0.0044 U/0.0044 U

MW-20-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	4020/4690
Arsenic	4.1/3
Lead	18.4/38.9
Manganese	143/119
Vanadium	10/11.1
PCBs	
Total PCBs	0.037 U/0.037 U
VOCs	
Trichloroethene	0.0038 U/0.0047 U

MW-7-07	10/12/2007 0-2 ft BGS On-Site
Metals	
Aluminum	6030
Arsenic	5.9
Lead	5.5
Manganese	269
Vanadium	18
PCBs	
Total PCBs	0.036 U
VOCs	
Trichloroethene	0.0047 U

MW-10-07	10/15/2007 0-2 ft BGS On-Site
Metals	
Aluminum	5250
Arsenic	5.2
Lead	12.4
Manganese	266
Vanadium	11.8
PCBs	
Total PCBs	0.039 U
VOCs	
Trichloroethene	0.0053 U

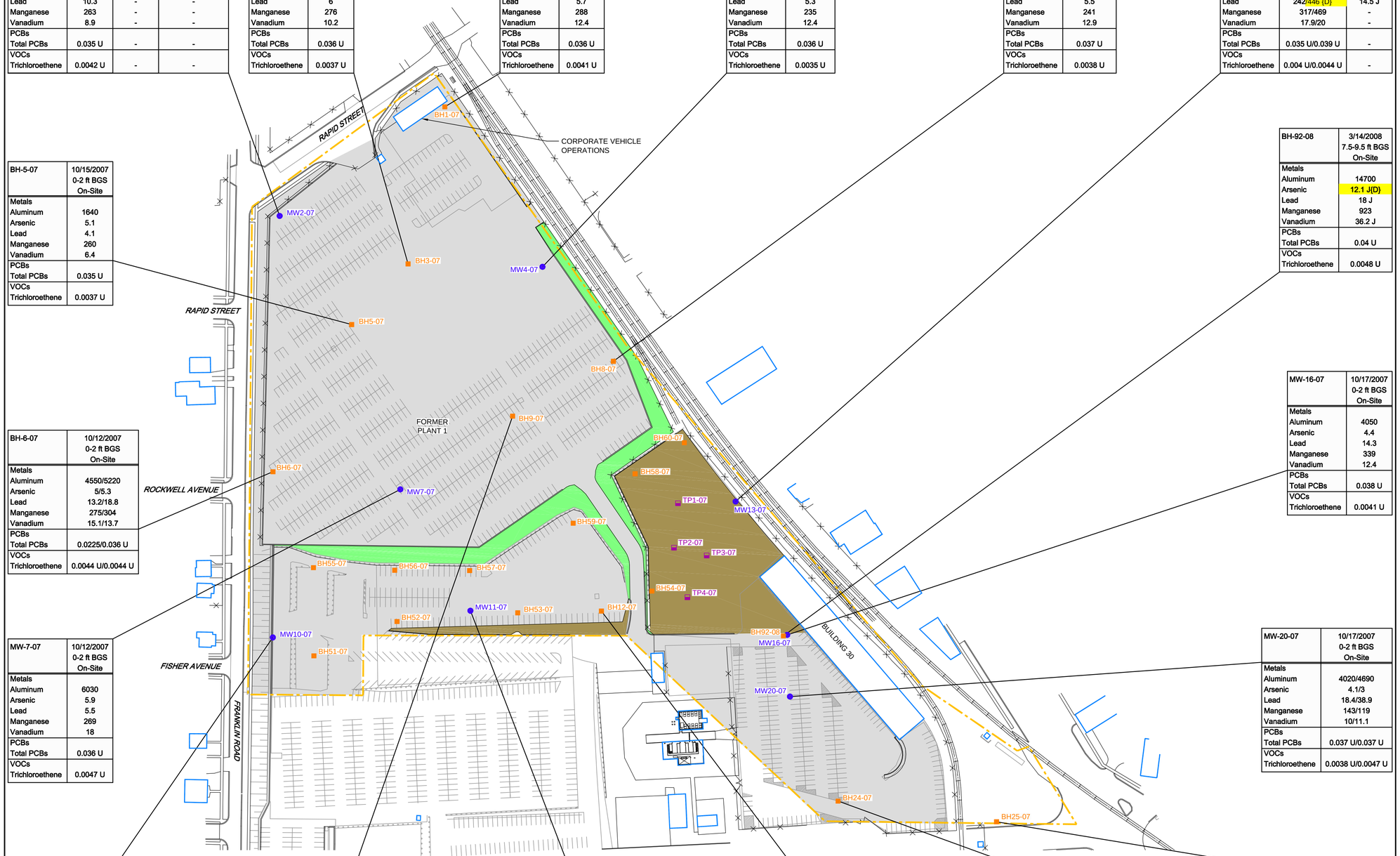
BH-9-07	10/11/2007 0-2 ft BGS On-Site
Metals	
Aluminum	2500/2290
Arsenic	3.9/3.3
Lead	7.5/5.8
Manganese	228/242
Vanadium	8.9/7.1
PCBs	
Total PCBs	0.038 U/0.038 U
VOCs	
Trichloroethene	0.0039 U/0.0047 U

MW-11-07	10/16/2007 0-2 ft BGS On-Site
Metals	
Aluminum	8090
Arsenic	6.4
Lead	7.1
Manganese	452
Vanadium	20.7
PCBs	
Total PCBs	0.038 U
VOCs	
Trichloroethene	0.0036 U

BH-12-07	10/16/2007 0-2 ft BGS On-Site
Metals	
Aluminum	2070
Arsenic	2.4
Lead	3.6
Manganese	169
Vanadium	7
PCBs	
Total PCBs	0.039 U
VOCs	
Trichloroethene	0.0045 U

BH-24-07	10/17/2007 0-2 ft BGS On-Site
Metals	
Aluminum	8170
Arsenic	4.5
Lead	25.4
Manganese	335
Vanadium	19.4
PCBs	
Total PCBs	0.0315
VOCs	
Trichloroethene	0.0055 U

BH-25-07	10/18/2007 0-2 ft BGS On-Site
Metals	
Aluminum	6600
Arsenic	4.6
Lead	71.8
Manganese	392
Vanadium	17.3
PCBs	
Total PCBs	0.0427
VOCs	
Trichloroethene	0.0044 U



0 50 100ft
APPROXIMATE SCALE

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW4-07 MONITORING WELL LOCATION
- BH8-07 SOIL BORING LOCATION
- TP1-07 TEST PIT LOCATION
- (D) EXCEEDS NOTED CRITERIA
- mg/kg MILLIGRAM PER KILOGRAM
- U NOT PRESENT AT OR ABOVE THE ASSOCIATED VALUE
- J ESTIMATED VALUE
- MDEQ MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
- GRASS
- SAND/GRAVEL/STONE
- ASPHALT/CONCRETE

NOTES:
1. SUMMARY OF EXCEEDANCES BASED ON ENVIRON'S DATA SCREENING.
2. ARSENIC EXCEEDANCE AT MW2-07 WAS NOT PRESENTED ON THE ENVIRON EXCEEDANCE TABLE, BUT IS FLAGGED ON THIS FIGURE.

MW-16-07	10/17/2007 (SAMPLE DATE)	SAMPLE LOCATION
	0-2 ft BGS (DEPTH (feet BELOW GROUND SURFACE))	
	On-Site (ON-SITE/OFF-SITE INDICATOR)	
Metals		
Aluminum	4050 (CONCENTRATION (mg/kg))	
Arsenic	4.4	
Lead	14.3	
Manganese	339	
Vanadium	12.4	
PCBs		
Total PCBs	0.038 U	
VOCs		
Trichloroethene	0.0041 U	PARAMETER

MDEQ PART 201 CRITERIA

		Soil Volatilization to Indoor Air Inhalation Criteria	Particulate Soil Inhalation Criteria		Direct Contact Criteria	
		Residential	Residential	Industrial & Commercial II, III & IV	Residential	Industrial & Commercial II, III & IV
	Units	A	B	C	D	E
Metals						
Aluminum	mg/kg	--	--	--	50000	570000
Arsenic	mg/kg	--	720	910	7.6	37
Lead	mg/kg	--	100000	44000	400	900
Manganese	mg/kg	--	3300	1500	25000	90000
Vanadium	mg/kg	--	--	--	750	5500
PCBs						
Total PCBs	mg/kg	5000	5200	6500	4	16
VOCs						
Trichloroethene	mg/kg	7.1	1800000	2300000	500	500

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 (NORTH PARCEL)
200 SOUTH BOULEVARD WEST
PONTIAC, MICHIGAN

PHASE II ENVIRONMENTAL SITE ASSESSMENT

SUMMARY OF EXCEEDANCES IN SOIL

CONESTOGA-ROVERS & ASSOCIATES

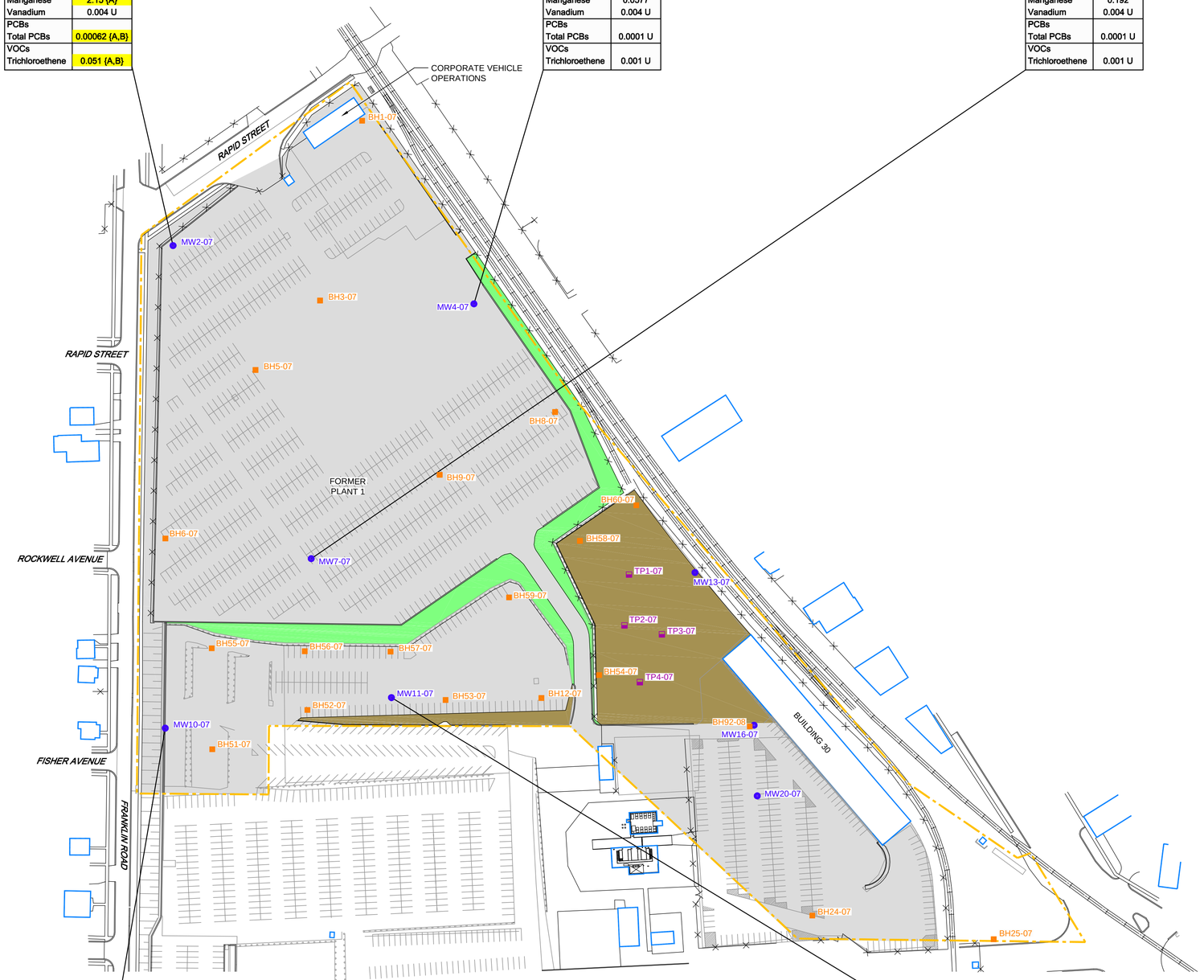
Source Reference:

Project Manager:	Reviewed By:	Date:	
T.G.	S.R.	APRIL 2009	
Scale: AS SHOWN	Project N°: 17322-06	Report N°: 006	Drawing N°: figure 4.1

MW-2-07	11/28/2007 On-Site
Metals	
Aluminum	0.0116 J
Arsenic	0.005 U
Lead	0.003 U
Manganese	2.15 {A}
Vanadium	0.004 U
PCBs	
Total PCBs	0.00062 {A,B}
VOCs	
Trichloroethene	0.051 {A,B}

MW-4-07	11/28/2007 On-Site
Metals	
Aluminum	0.0142 J
Arsenic	0.005 U
Lead	0.003 U
Manganese	0.0577
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
VOCs	
Trichloroethene	0.001 U

MW-7-07	11/28/2007 On-Site
Metals	
Aluminum	0.05 U
Arsenic	0.005 U
Lead	0.003 U
Manganese	0.192
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
VOCs	
Trichloroethene	0.001 U



MW-10-07	11/27/2007 On-Site
Metals	
Aluminum	0.644 {A}
Arsenic	0.0059
Lead	0.0056 {A,B}
Manganese	0.0235
Vanadium	0.0054 {A}
PCBs	
Total PCBs	0.0001 U
VOCs	
Trichloroethene	0.001 U

MW-11-07	11/27/2007 On-Site
Metals	
Aluminum	0.523 {A}
Arsenic	0.005 U
Lead	0.003 U
Manganese	0.245
Vanadium	0.004 U
PCBs	
Total PCBs	0.0001 U
VOCs	
Trichloroethene	0.001 U

0 50 100ft
APPROXIMATE SCALE

LEGEND

- APPROXIMATE SITE BOUNDARY
- MW4-07 — MONITORING WELL LOCATION
- BH8-07 — SOIL BORING LOCATION
- TP1-07 — TEST PIT 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
- GRASS
- SAND/GRAVEL/STONE
- ASPHALT/CONCRETE

NOTES:
1. SUMMARY OF EXCEEDANCES BASED ON ENVIRON'S DATA SCREENING.
2. MONITORING WELLS MW13-07, MW16-07, AND MW20-07 WERE DRY DURING GROUNDWATER SAMPLING ACTIVITIES.

MW-4-07	11/28/2007	← SAMPLE LOCATION / SAMPLE DATE
	On-Site	← ON-SITE/OFF-SITE INDICATOR
Metals		
Aluminum	0.0142 J	← CONCENTRATION (mg/L)
Arsenic	0.005 U	
Lead	0.003 U	
Manganese	0.0577	
Vanadium	0.004 U	
PCBs		
Total PCBs	0.0001 U	
VOCs		
Trichloroethene	0.001 U	

← PARAMETER

MDEQ PART 201 CRITERIA

		Drinking Water Criteria		
		Residential	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
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
VOCs				
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
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SCALE VERIFICATION

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

PONTIAC VALIDATION CENTER (NORTH 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 N°: 17322-06	Report N°: 006	Drawing N°: figure 4.2

TABLE 2.1

SOIL BORING AND TEST PIT SAMPLE SUMMARY
PHASE II ESA
PVC (NORTH 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)*
BH1-07	12/7/2007	SO-17322-120707-CB-140	PAOC 1	0 - 2	Y	N	-	-	-
BH1-07	12/7/2007	SO-17322-120707-CB-141	PAOC 1	8 - 10	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	8 - 10
MW2-07	10/12/2007	SO-17322-101207-CB-042	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW2-07	10/12/2007	SO-17322-101207-CB-043	PAOC 1	8 - 10	Y	Y	Arsenic	-	-
MW2-07	10/12/2007	SO-17322-101207-CB-044	PAOC 1	11.75 - 13.75	Y	Y	Arsenic	-	-
BH3-07	10/12/2007	SO-17322-101207-CB-040	PAOC 4	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH3-07	10/12/2007	SO-17322-101207-CB-041	PAOC 4	5 - 7	Y	N	-	Neg.	5 - 7
MW4-07	10/11/2007	SO-17322-101107-CB-028	PAOC 1	15 - 17	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH5-07 [1]	10/15/2007	SO-17322-101507-CB-045	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH5-07 [1]	10/15/2007	SO-17322-101507-CB-046	PAOC 1	8 - 10	Y	N	-	-	-
BH5-07 [1]	10/15/2007	SO-17322-101507-CB-047	PAOC 1	17.4 - 19.4	Y	N	-	Neg.	17.4 - 19.4
BH6-07	10/12/2007	SO-17322-101207-CB-036	PAOC 3	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH6-07 (dup)	10/12/2007	SO-17322-101207-CB-037	PAOC 3	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH6-07	10/12/2007	SO-17322-101207-CB-038	PAOC 3	8 - 10	Y	N	-	-	-
BH6-07	10/12/2007	SO-17322-101207-CB-039	PAOC 3	13 - 15	Y	N	-	Neg.	13 - 15
MW7-07	10/12/2007	SO-17322-101207-CB-033	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW7-07	10/12/2007	SO-17322-101207-CB-034	PAOC 1	8 - 10	Y	N	-	-	-
MW7-07	10/12/2007	SO-17322-101207-CB-035	PAOC 1	10 - 12	Y	N	-	Neg.	10 - 12
BH8-07	10/11/2007	SO-17322-101107-CB-025	PAOC 18	1.5 - 2.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH8-07	10/11/2007	SO-17322-101107-CB-026	PAOC 18	8 - 10	Y	N	-	-	-
BH8-07	10/11/2007	SO-17322-101107-CB-027	PAOC 18	12.5 - 14.5	Y	N	-	Neg.	12.5 - 14.5
BH9-07	10/11/2007	SO-17322-101107-CB-030	PAOC 4	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH9-07 (dup)	10/11/2007	SO-17322-101107-CB-031	PAOC 4	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH9-07	10/11/2007	SO-17322-101107-CB-029	PAOC 4	8 - 10	Y	N	-	-	-
BH9-07	10/11/2007	SO-17322-101107-CB-032	PAOC 4	11 - 13	Y	N	-	Neg.	11 - 13
MW10-07	10/15/2007	SO-17322-101507-CB-048	PAOC 3	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW10-07	10/15/2007	SO-17322-101507-CB-049	PAOC 3	3 - 5	Y	N	-	Neg.	3 - 5
MW10-07	10/15/2007	SO-17322-101507-CB-050	PAOC 3	8 - 10	Y	N	-	-	-
MW11-07	10/16/2007	SO-17322-101607-CB-056	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW11-07	10/16/2007	SO-17322-101607-CB-057	PAOC 1	7 - 9	Y	N	-	Neg.	7 - 9
BH12-07	10/16/2007	SO-17322-101607-CB-058	PAOC 14	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH12-07	10/16/2007	SO-17322-101607-CB-059	PAOC 14	8 - 10	Y	N	-	-	-
BH12-07	10/16/2007	SO-17322-101607-CB-060	PAOC 14	10 - 10.5	Y	N	-	-	-
MW13-07	10/18/2007	SO-17322-101807-CB-085	PAOC 12	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW13-07 (dup)	10/18/2007	SO-17322-101807-CB-086	PAOC 12	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW13-07	10/18/2007	SO-17322-101807-CB-087	PAOC 12	7 - 9	Y	Y	Lead	Neg.	7 - 9
MW16-07	10/17/2007	SO-17322-101707-CB-083	PAOC 4	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW16-07	10/17/2007	SO-17322-101707-CB-084	PAOC 4	6.75 - 8.75	Y	N	-	Neg.	6.75 - 8.75
MW20-07	10/17/2007	SO-17322-101707-CB-069	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW20-07 (dup)	10/17/2007	SO-17322-101707-CB-070	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
MW20-07	10/17/2007	SO-17322-101707-CB-071	PAOC 1	6.5 - 8.5	Y	N	-	Neg.	6.5 - 8.5
BH24-07	10/17/2007	SO-17322-101707-CB-073	PAOC 1	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH24-07	10/17/2007	SO-17322-101707-CB-074	PAOC 1	8 - 10	Y	N	-	Neg.	8 - 10
BH25-07	10/18/2007	SO-17322-101807-CB-089	PAOC 4	0 - 2	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	Neg.	18 - 19
BH25-07	10/18/2007	SO-17322-101807-CB-090	PAOC 4	8 - 10	Y	N	-	-	-
BH51-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH52-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH53-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH54-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH55-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH56-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH57-07	10/18/2007	SO-17322-101807-CB-088 [2]	Fill Investigation	0 - 2	Y	Y	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI)	-	-
BH58-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH59-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH60-07	10/18/2007	-	Fill Investigation	-	-	-	-	-	-
BH92-08	3/14/2008	SO-17322-031408-CB-062	PAOC 4	7.5 - 9.5	N	-	VOCs, SVOCs, Metals, PCBs, Cyanide, Cr(VI), Lead, Cr(III)	Neg.	7.5 - 9.5
TP-1	10/10/2007	SO-17322-101007-CB-017	SE Floor	10	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-1	10/10/2007	SO-17322-101007-CB-018	NW Floor	10	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-1	10/10/2007	SO-17322-101007-CB-019	S Sidewall	6	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-1	10/10/2007	SO-17322-101007-CB-020	N Sidewall	7	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-2	10/10/2007	SO-17322-101007-CB-021	Floor - middle	6.5	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-2	10/10/2007	SO-17322-101007-CB-022	S Sidewall	4	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-3	10/10/2007	SO-17322-101007-CB-023	Floor - middle	7	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-3	10/10/2007	SO-17322-101007-CB-024	W Sidewall	3	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-4	10/10/2007	SO-17322-101007-CB-015	SW Floor	10	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-
TP-4	10/10/2007	SO-17322-101007-CB-016	E Sidewall	5	N	-	VOCs, Metals, SVOCs, Cyanide, PCBs, Cr(VI)	-	-

Notes:

[1]	Shelby tube sample collected adjacent to soil boring.
[2]	Analyzed at the request of ENCORE based on field observations.
	Letters prior to test pit locations correspond to orientation within excavation (i.e. SE is southeast).
-	No sample collected due to poor recovery, refusal, or investigation of fill.
BH	Soil boring.
MW	Monitoring well.
TP	Test pit.
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.
neg.	Negative jar test result.

TABLE 2.2

MONITORING WELL CONSTRUCTION DETAILS
PHASE II ESA
PVC (NORTH 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)*
MW2-07	10/12/2007	C. Bondy	936.97	936.95	30	12	25	924.97	911.97
MW4-07	10/11/2007	C. Bondy	938.13	937.77	20	5.5	15.5	932.63	922.63
MW7-07	10/12/2007	C. Bondy	938.04	937.67	38	10	15	928.04	923.04
MW10-07	10/15/2007	C. Bondy	941.44	941.11	15	3.5	13.5	937.94	927.94
MW11-07	10/16/2007	C. Bondy	954.67	954.27	40	7	12	947.67	942.67
MW13-07	10/18/2007	C. Bondy	953.13	956.11	20	7	14	946.13	939.13
MW16-07	10/18/2007	C. Bondy	956.08	955.89	60	6	16	950.08	940.08
MW20-07	10/17/2007	C. Bondy	960.26	960.06	20	6.5	13	953.76	947.26

Notes:

ft AMSL - Feet Above Mean Sea Level.
ft bgs - Feet below ground surface.
MW = Monitoring well.

TABLE 2.3

GROUNDWATER SAMPLE SUMMARY
PHASE II ESA
PVC (NORTH PARCEL)
PONTIAC, MICHIGAN

Sample Location	*Sample Identification*	*PAOC*	*Date Collected*	*Analysis*
MW2-07	GW-17322-112807-CB-008	PAOC 1	11/28/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW4-07	GW-17322-112807-CB-009	PAOC 1	11/28/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW7-07	GW-17322-112807-CB-007	PAOC 1	11/28/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW10-07	GW-17322-112707-CB-004	PAOC 3	11/27/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW11-07	GW-17322-112707-CB-002	PAOC 1	11/27/2007	VOCs, SVOCs, Metals, PCBs, Amenable Cyanide, Cr(VI), Cr(III)
MW13-07	-	PAOC 12	No Sample	Dry
MW16-07	-	PAOC 4	No Sample	Dry
MW20-07	-	PAOC1	No Sample	Dry

Notes:

Cr(VI)/Cr(III)	Speciated Chromium.
Metals	Target Analyte List Metals.
MW	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 (NORTH PARCEL)
PONTIAC, MICHIGAN

Monitoring Well ID:	*MW02-07*	*MW04-07*	*MW07-07*	*MW10-07*	*MW11-07*	*MW13-07*	*MW16-07*	*MW20-07*
Ground Elevation (ft AMSL)	*936.97*	*938.13*	*938.04*	*941.44*	*954.67*	*953.13*	*956.08*	*960.26*
Top of Casing Elevation (ft AMSL)	*936.95*	*937.77*	*937.67*	*941.11*	*954.27*	*956.11*	*955.89*	*960.06*
December 15, 2008								
Depth to Water (ft BTOC)	12.10	1.31	11.67	0.00 (1)	4.44	15.92	15.32	13.88
Groundwater Elevation (ft AMSL)	924.85	936.46	926.00	941.11	949.83	940.19	940.57	946.18
Depth to Water (ft BGS)	12.11	1.67	12.05	0.33	4.84	12.94	15.51	14.08
December 20, 2007								
Depth to Water (ft BTOC)	12.51	4.90	12.12	0.84	5.85	16.10	DRY	DRY
Groundwater Elevation (ft AMSL)	924.44	932.87	925.55	940.27	948.42	940.01	--	--
Depth to Water (ft BGS)	12.52	5.26	12.50	1.17	6.25	13.12	--	--

Notes:

(1) Water was to the top of casing at monitoring well MW10-07 during the December 15, 2008 event.
ft AMSL: feet Above Mean Sea Level.
ft BTOC: feet Below Top Of Casing.
ft BGS: feet Below Ground Surface.

TABLE 4.1

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

Sample Location:		*BH-1-07*	*MW-2-07*	*MW-2-07*	*MW-2-07*	*BH-3-07*	*MW-4-07*	*BH-5-07*	*BH-6-07*	*BH-6-07*	*MW-7-07*	*BH-8-07*	*BH-9-07*
Sample Depth (ft bgs):		*(8-10)*	*(0-2)*	*(8-10)*	*(11.75-13.75)*	*(0-2)*	*(15-17)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(1.5-2.5)*	*(0-2)*
Sample ID:		*SO-17322-120707-CB-141*	*SO-17322-101207-CB-042*	*SO-17322-101207-CB-043*	*SO-17322-101207-CB-044*	*SO-17322-101207-CB-040*	*SO-17322-101107-CB-028*	*SO-17322-101507-CB-045*	*SO-17322-101207-CB-036*	*SO-17322-101207-CB-037*	*SO-17322-101207-CB-033*	*SO-17322-101107-CB-025*	*SO-17322-101107-CB-030*
Sample Date:		*12/07/2007*	*10/12/2007*	*10/12/2007*	*10/12/2007*	*10/12/2007*	*10/11/2007*	*10/15/2007*	*10/12/2007*	*10/12/2007*	*10/12/2007*	*10/11/2007*	*10/11/2007*
Sample Type:										*Duplicate*			
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,1-Dichloroethane	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,1-Dichloroethene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,2,4-Trimethylbenzene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,2-Dichlorobenzene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,3,5-Trimethylbenzene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,3-Dichlorobenzene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
1,4-Dichlorobenzene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
2-Butanone (Methyl Ethyl Ketone)	ug/kg	16 U	17 U	--	--	15 U	14 U	15 U	3.1 J	18 U	19 U	15 U	16 U
2-Hexanone	ug/kg	16 UJ	17 U	--	--	15 U	14 UJ	15 U	18 U	18 U	19 U	15 U	16 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	16 U	17 U	--	--	15 U	14 U	15 U	18 U	18 U	19 U	15 U	16 U
Acetone	ug/kg	16 U	17 U	--	--	15 U	14 U	15 U	17 J	15 J	19 U	15 U	16 U
Benzene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Carbon disulfide	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Chloroethane	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Chloroform (Trichloromethane)	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
cis-1,2-Dichloroethene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Cyclohexane	ug/kg	8.1 U	8.5 U	--	--	7.3 U	7.0 U	7.4 U	8.9 U	8.8 U	9.5 U	7.6 U	7.9 U
Ethylbenzene	ug/kg	4.1 UJ	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Isopropylbenzene	ug/kg	4.1 UJ	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Methyl acetate	ug/kg	R	8.5 U	--	--	7.3 U	7.0 U	7.4 U	8.9 U	8.8 U	9.5 U	7.6 U	7.9 U
Methyl cyclohexane	ug/kg	8.1 U	8.5 U	--	--	7.3 U	7.0 U	7.4 U	8.9 U	8.8 U	9.5 U	7.6 U	7.9 U
Methyl Tert Butyl Ether	ug/kg	16 U	17 U	--	--	15 U	14 U	15 U	18 U	18 U	19 U	15 U	16 U
Methylene chloride	ug/kg	4.1 U	4.2 U	--	--	3.7 U	1.2 J	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.0 J
Tetrachloroethene	ug/kg	4.1 UJ	4.2 U	--	--	3.7 U	3.5 UJ	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Toluene	ug/kg	4.1 UJ	4.2 U	--	--	3.7 U	3.5 UJ	0.21 J	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
trans-1,2-Dichloroethene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Trichloroethene	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Trichlorofluoromethane (CFC-11)	ug/kg	4.1 UJ	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Vinyl chloride	ug/kg	4.1 U	4.2 U	--	--	3.7 U	3.5 U	3.7 U	4.4 U	4.4 U	4.7 U	3.8 U	3.9 U
Xylene (total)	ug/kg	8.1 UJ	8.5 U	--	--	7.3 U	7.0 UJ	7.4 U	8.9 U	8.8 U	9.5 U	7.6 U	7.9 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	220 U	210 U	--	--	220 U	220 U	210 U	220 U	220 U	220 U	230 U	230 U
2-Methylnaphthalene	ug/kg	7.3 U	12	--	--	7.2 U	7.3 U	7.0 U	20	41	7.4 U	7.6 U	7.6 U
Acenaphthene	ug/kg	7.3 U	7.1 U	--	--	7.2 U	7.3 U	7.0 U	7.3 U	7.3 U	7.4 U	7.6 U	7.6 U
Acenaphthylene	ug/kg	7.3 U	7.1 U	--	--	7.2 U	7.3 U	7.0 U	7.3 U	7.3 U	7.4 U	7.6 U	7.6 U
Acetophenone	ug/kg	110 U	110 U	--	--	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U
Anthracene	ug/kg	7.3 U	7.1 U	--	--	7.2 U	7.3 U	7.0 U	15	17	7.4 U	7.6 U	7.6 U
Benzo(a)anthracene	ug/kg	7.3 U	16	--	--	23	7.3 U	7.0 U	83	150	7.4 U	7.6 U	7.6 U
Benzo(a)pyrene	ug/kg	7.3 U	18	--	--	19	7.3 U	7.0 U	110	180	7.4 U	7.6 U	7.6 U
Benzo(b)fluoranthene	ug/kg	7.3 U	26	--	--	23	7.3 U	7.0 U	210	180	7.4 U	7.6 U	7.6 U
Benzo(g,h,i)perylene	ug/kg	7.3 U	16	--	--	15	7.3 U	7.0 U	120	140	7.4 U	7.6 U	7.6 U
Benzo(k)fluoranthene	ug/kg	7.3 U	8.3	--	--	10	7.3 U	7.0 U	68	200	7.4 U	7.6 U	7.6 U
Biphenyl	ug/kg	55 U	53 U	--	--	54 U	55 U	53 U	55 U	55 U	55 U	57 U	57 U
bis(2-Ethylhexyl)phthalate	ug/kg	30 J	53 U	--	--	54 U	55 U	53 U	55 U	55 U	55 U	63	57 U
Caprolactam	ug/kg	360 U	350 U	--	--	360 U	360 U	350 U	360 U	360 U	360 U	370 U	380 U
Carbazole	ug/kg	55 U	53 U	--	--	54 U	55 U	53 U	55 U	55 U	55 U	57 U	57 U
Chrysene	ug/kg	7.3 U	20	--	--	29	7.3 U	7.0 U	120	210	7.4 U	7.6 U	7.6 U
Dibenz(a,h)anthracene	ug/kg	7.3 U	7.1 U	--	--	7.2 U	7.3 U	7.0 U	33	7.3 U	7.4 U	7.6 U	7.6 U
Dibenzofuran	ug/kg	55 U	53 U	--	--	54 U	55 U	53 U	55 U	55 U	55 U	57 U	57 U
Di-n-butylphthalate	ug/kg	55 U	53 U	--	--	54 U	55 U	53 U	55 U	55 U	55 U	57 U	57 U
Fluoranthene	ug/kg	7.3 U	27	--	--	40	7.3 U	7.0 U	130	260	7.4 U	7.6 U	7.6 U
Fluorene	ug/kg	7.3 U	7.1 U	--	--	7.2 U	7.3 U	7.0 U	7.3 U	7.6	7.4 U	7.6 U	7.6 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.3 U	13	--	--	12	7.3 U	7.0 U	82	100	7.4 U	7.6 U	7.6 U
Naphthalene	ug/kg	7.3 U	8.9	--	--	7.2 U	7.3 U	7.0 U	90	74	7.4 U	7.6 U	7.6 U
Phenanthrene	ug/kg	33	14	--	--	15	7.3 U	7.0 U	49	72	7.4 U	7.6 U	7.6 U
Pyrene	ug/kg	7.3 U	25	--	--	33	7.3 U	7.0 U	120	200	7.4 U	7.6 U	7.6 U

TABLE 4.1

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

Sample Location:		*BH-1-07*	*MW-2-07*	*MW-2-07*	*MW-2-07*	*BH-3-07*	*MW-4-07*	*BH-5-07*	*BH-6-07*	*BH-6-07*	*MW-7-07*	*BH-8-07*	*BH-9-07*
Sample Depth (ft bgs):		*(8-10)*	*(0-2)*	*(8-10)*	*(11.75-13.75)*	*(0-2)*	*(15-17)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(1.5-2.5)*	*(0-2)*
Sample ID:		*SO-17322-120707-CB-141*	*SO-17322-101207-CB-042*	*SO-17322-101207-CB-043*	*SO-17322-101207-CB-044*	*SO-17322-101207-CB-040*	*SO-17322-101107-CB-028*	*SO-17322-101507-CB-045*	*SO-17322-101207-CB-036*	*SO-17322-101207-CB-037*	*SO-17322-101207-CB-033*	*SO-17322-101107-CB-025*	*SO-17322-101107-CB-030*
Sample Date:		*12/07/2007*	*10/12/2007*	*10/12/2007*	*10/12/2007*	*10/12/2007*	*10/11/2007*	*10/15/2007*	*10/12/2007*	*10/12/2007*	*10/12/2007*	*10/11/2007*	*10/11/2007*
Sample Type:										*Duplicate*			
Parameter:	*Units*												
Metals													
Aluminum	mg/kg	4760	2390	--	--	2520	3730	1640	5220	4550	6030	4230	2290
Antimony	mg/kg	0.18 UJ	0.12 J	--	--	0.10 J	0.18 UJ	0.17 UJ	0.16 J	0.13 J	0.095 J	0.10 J	0.18 UJ
Arsenic	mg/kg	3.2	7.7	4.1	3.8	4.1	3.3	5.1	5.0	5.3	5.9	4.1	3.3
Barium	mg/kg	24.9 J	15.0	--	--	12.6	23.5	8.9	26.4	24.6	34.5	23.6	10.8
Beryllium	mg/kg	0.18 UJ	0.17 U	--	--	0.17 U	0.18 U	0.13 J	0.18 U	0.17 U	0.18 U	0.18 U	0.18 U
Cadmium	mg/kg	0.098	0.063 J	--	--	0.086 U	0.088 U	0.15	0.088 U	0.087 U	0.088 U	0.091 U	0.091 U
Calcium	mg/kg	87800	98800	--	--	124000	83600	91400	54700	74400	65000	52600	78200
Chromium III (Trivalent)	mg/kg	8.6 J	5.1	--	--	5.4	8.0	3.1	7.5	9.1	9.8	8.3	6.5
Chromium VI (Hexavalent)	mg/kg	0.88 UJ	1.2	--	--	2.6	0.88 U	1.2	2.3	0.76 J	1.8	1.2	1.1
Chromium Total	mg/kg	8.6 J	6.3	--	--	8.1	8.0	4.3	9.7	9.9	11.6	9.5	7.5
Cobalt	mg/kg	5.3 J	3.3	--	--	3.6	4.3	2.7	5.2	4.6	5.9	4.1	3.5
Copper	mg/kg	14.3	10.2	--	--	11.4	9.4	9.0	15.5	14.0	12.0	10.8	11.2
Iron	mg/kg	10700	7140	--	--	7690	8960	5450	11100	10100	13400	10600	7320
Lead	mg/kg	5.7	10.3	--	--	6.0	5.3	4.1	13.2	18.8	5.5	5.5	5.8
Magnesium	mg/kg	12900 J	27000	--	--	22800	23200	19400 J	15600	11000	22300	14900	10200
Manganese	mg/kg	288	263	--	--	276	235	260	304	275	269	241	242
Mercury	mg/kg	0.019 J	0.023 J	--	--	0.021 J	0.014 J	0.042 U	0.032 J	0.027 J	0.015 J	0.015 J	0.046 U
Nickel	mg/kg	13.7	8.4	--	--	9.4	11.3	7.2	13.8	13.8	14.3	10.8	8.3
Potassium	mg/kg	1210	458	--	--	505	919	313 J	889	773	1120	789	580
Selenium	mg/kg	0.54	0.18 U	--	--	0.16 J	0.34	0.11 J	0.19 U	0.17 J	0.19 U	0.20	0.22
Silver	mg/kg	0.056 J	0.043 J	--	--	0.044 J	0.059 J	0.084 U	0.062 J	0.063 J	0.067 J	0.061 J	0.042 J
Sodium	mg/kg	118	164	--	--	267	115	151	569	494	521	443	378
Thallium	mg/kg	0.18	0.16	--	--	0.11	0.14	0.10	0.18	0.15	0.11	0.11	0.15
Vanadium	mg/kg	12.4	8.9	--	--	10.2	12.4	6.4	15.1	13.7	18.0	12.9	7.1
Zinc	mg/kg	23.8	33.1 J	--	--	23.9 J	8.6 J	24.3 J	33.7 J	34.4 J	28.7 J	28.2 J	25.8 J
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	36 U	35 U	--	--	36 U	36 U	35 U	36 U	36 U	36 U	37 U	38 U
Aroclor-1254 (PCB-1254)	ug/kg	36 U	35 U	--	--	36 U	36 U	35 U	17 J	36 U	36 U	37 U	38 U
Aroclor-1260 (PCB-1260)	ug/kg	36 U	35 U	--	--	36 U	36 U	35 U	36 U	36 U	36 U	37 U	38 U
Total PCBs	ug/kg	36 U	35 U	--	--	36 U	36 U	35 U	22.5	36 U	36 U	37 U	38 U
General Chemistry													
Cyanide (total)	mg/kg	0.22 UJ	0.21 U	--	--	0.22 U	0.68	0.21 U	0.22 U	0.22 U	0.22 U	0.23 U	0.23 U
Total Solids	%	91.0	94.3	84.7	84.8	92.6	90.9	94.8	91.1	91.6	90.5	88.3	87.7

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected based on excess holding time, insufficient surrogate recovery, calibration errors, or relative percent differences.
--	Not analyzed.
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 (NORTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-9-07*	*MW-10-07*	*MW-11-07*	*BH-12-07*	*MW-13-07*	*MW-13-07*	*MW-13-07*	*MW-16-07*	*MW-20-07*	*MW-20-07*	*BH-24-07*	*BH-25-07*
Sample Depth (ft bgs):		*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(7-9)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Sample ID:		*SO-17322-101107-CB-031*	*SO-17322-101507-CB-048*	*SO-17322-101607-CB-056*	*SO-17322-101607-CB-058*	*SO-17322-101807-CB-085*	*SO-17322-101807-CB-086*	*SO-17322-101807-CB-087*	*SO-17322-101707-CB-083*	*SO-17322-101707-CB-069*	*SO-17322-101707-CB-070*	*SO-17322-101707-CB-073*	*SO-17322-101807-CB-089*
Sample Date:		*10/11/2007*	*10/15/2007*	*10/16/2007*	*10/16/2007*	*10/18/2007*	*10/18/2007*	*10/18/2007*	*10/17/2007*	*10/17/2007*	*10/17/2007*	*10/17/2007*	*10/18/2007*
Sample Type:		*Duplicate*					*Duplicate*				*Duplicate*		
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
1,1-Dichloroethane	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
1,1-Dichloroethene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
1,2,4-Trimethylbenzene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 UJ	--	4.1 UJ	2.5 J	4.7 UJ	5.5 UJ	4.4 UJ
1,2-Dichlorobenzene	ug/kg	4.7 U	5.3 U	0.34 J	4.5 U	4.0 U	4.4 UJ	--	4.1 UJ	3.8 UJ	4.7 UJ	5.5 UJ	4.4 UJ
1,3,5-Trimethylbenzene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 UJ	--	4.1 UJ	2.2 J	4.7 UJ	5.5 UJ	4.4 UJ
1,3-Dichlorobenzene	ug/kg	4.7 U	5.3 U	0.32 J	4.5 U	4.0 U	4.4 UJ	--	4.1 UJ	3.8 UJ	4.7 UJ	5.5 UJ	4.4 UJ
1,4-Dichlorobenzene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 UJ	--	4.1 UJ	3.8 UJ	4.7 UJ	5.5 UJ	4.4 UJ
2-Butanone (Methyl Ethyl Ketone)	ug/kg	19 U	21 U	14 U	18 U	16 U	18 U	--	6.5 J	8.8 J	3.9 J	22 U	18 U
2-Hexanone	ug/kg	19 U	21 U	14 U	18 U	16 U	18 U	--	16 U	15 U	19 UJ	22 U	18 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	19 U	21 U	14 U	18 U	16 U	18 U	--	16 U	15 U	19 U	22 U	18 U
Acetone	ug/kg	19 U	21 U	14 U	18 U	16 UJ	18 UJ	--	29 J	43 J	14 J	22 UJ	18 UJ
Benzene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	0.43 J	0.23 J	0.24 J	5.5 U	4.4 U
Carbon disulfide	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	0.57 J	1.0 J	4.7 U	5.5 U	4.4 U
Chloroethane	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
Chloroform (Trichloromethane)	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
cis-1,2-Dichloroethene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
Cyclohexane	ug/kg	9.4 U	11 U	7.2 U	9.0 U	8.0 U	8.8 U	--	0.52 J	7.5 U	9.4 U	11 U	8.8 U
Ethylbenzene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	0.25 J	0.26 J	4.7 UJ	5.5 U	4.4 U
Isopropylbenzene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 UJ	5.5 U	4.4 U
Methyl acetate	ug/kg	9.4 U	11 U	7.2 U	9.0 U	8.0 U	8.8 U	--	8.2 U	7.5 U	9.4 U	11 U	8.8 U
Methyl cyclohexane	ug/kg	9.4 U	11 U	7.2 U	9.0 U	8.0 U	8.8 U	--	0.30 J	7.5 U	9.4 U	11 U	8.8 U
Methyl Tert Butyl Ether	ug/kg	19 U	21 U	14 U	18 U	16 U	18 U	--	16 U	15 U	19 U	22 U	18 U
Methylene chloride	ug/kg	0.66 J	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
Tetrachloroethene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 UJ	5.5 U	4.4 U
Toluene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	0.24 J	--	1.0 J	0.26 J	0.56 J	5.5 U	4.4 U
trans-1,2-Dichloroethene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
Trichloroethene	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
Trichlorofluoromethane (CFC-11)	ug/kg	4.7 U	5.3 U	3.6 UJ	4.5 UJ	4.0 U	4.4 UJ	--	4.1 UJ	3.8 UJ	4.7 U	5.5 U	4.4 U
Vinyl chloride	ug/kg	4.7 U	5.3 U	3.6 U	4.5 U	4.0 U	4.4 U	--	4.1 U	3.8 U	4.7 U	5.5 U	4.4 U
Xylene (total)	ug/kg	9.4 U	11 U	7.2 U	9.0 U	8.0 U	8.8 U	--	1.4 J	3.1 J	0.87 J	11 U	8.8 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	230 U	230 U	230 U	240 U	950 U	1100 U	--	4600 U	4400 U	4400 U	230 U	850 U
2-Methylnaphthalene	ug/kg	8.6	7.8 U	7.7 U	7.9 U	86	53	--	150 U	150 U	150 U	7.7 U	170
Acenaphthene	ug/kg	7.6 U	7.8 U	7.7 U	7.9 U	32 U	35 U	--	150 U	150 U	150 U	7.7 U	29 U
Acenaphthylene	ug/kg	7.6 U	7.8 U	7.7 U	7.9 U	41	35 U	--	150 U	150 U	150 U	7.7 U	29
Acetophenone	ug/kg	110 U	120 U	120 U	120 U	480 U	530 U	--	2300 U	2200 U	2200 U	120 U	430 U
Anthracene	ug/kg	7.6 U	7.8 U	7.7 U	7.9 U	32 U	35 U	--	150 U	150 U	350	7.7 U	61
Benzo(a)anthracene	ug/kg	7.6 U	12	15	9.4	32 U	35 U	--	150 U	150 U	850	30	290
Benzo(a)pyrene	ug/kg	7.6 U	15	7.7 U	7.9 U	32 U	35 U	--	150 U	150 U	150 U	27	330
Benzo(b)fluoranthene	ug/kg	7.6 U	22	22	10	32 U	35 U	--	150 U	150 U	150 U	36	430
Benzo(g,h,i)perylene	ug/kg	7.6 U	15	8.8	7.9 U	110	59	--	150 U	150 U	150 U	21	250
Benzo(k)fluoranthene	ug/kg	7.6 U	8.6	8.5	7.9 U	32 U	35 U	--	150 U	150 U	150 U	15	220
Biphenyl	ug/kg	57 U	59 U	58 U	59 U	240 U	260 U	--	1200 U	1100 U	1100 U	58 U	210 U
bis(2-Ethylhexyl)phthalate	ug/kg	57 U	59 U	58 U	59 U	240 U	260 U	--	1200 U	1100 U	1100 U	58 U	210 U
Caprolactam	ug/kg	380 U	390 U	380 U	390 U	1600 U	1700 U	--	7600 U	7300 U	7300 U	380 U	1400 U
Carbazole	ug/kg	57 U	59 U	58 U	59 U	240 U	260 U	--	1200 U	1100 U	1100 U	58 U	210 U
Chrysene	ug/kg	7.6 U	16	23	9.3	32 U	35 U	--	150 U	150 U	950	30	380
Dibenz(a,h)anthracene	ug/kg	7.6 U	7.8 U	7.7 U	7.9 U	32 U	35 U	--	150 U	150 U	150 U	7.7 U	29 U
Dibenzofuran	ug/kg	57 U	59 U	58 U	59 U	240 U	260 U	--	1200 U	1100 U	1100 U	58 U	210 U
Di-n-butylphthalate	ug/kg	57 U	59 U	58 U	59 U	240 U	260 U	--	1200 U	1100 U	1100 U	58 U	210 U
Fluoranthene	ug/kg	7.6 U	20	52	23	150	120	--	150 U	150 U	1800	62	680
Fluorene	ug/kg	7.6 U	7.8 U	7.7 U	7.9 U	32 U	35 U	--	150 U	150 U	150 U	7.7 U	29 U
Indeno(1,2,3-cd)pyrene	ug/kg	7.6 U	11	7.7 U	7.9 U	95	35 U	--	150 U	150 U	150 U	16	200
Naphthalene	ug/kg	7.6 U	7.8 U	7.7 U	7.9 U	32 U	35 U	--	150 U	150 U	150 U	7.7 U	74
Phenanthrene	ug/kg	8.6	11	27	21	100	61	--	150 U	150 U	1500	30	250
Pyrene	ug/kg	7.6 U	20	65	19	150 J	75 J	--	150 U	190 J	1700 J	55	480

TABLE 4.1

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

Sample Location:		*BH-9-07*	*MW-10-07*	*MW-11-07*	*BH-12-07*	*MW-13-07*	*MW-13-07*	*MW-13-07*	*MW-16-07*	*MW-20-07*	*MW-20-07*	*BH-24-07*	*BH-25-07*
Sample Depth (ft bgs):		*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(7-9)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*	*(0-2)*
Sample ID:		*SO-17322-101107-CB-031*	*SO-17322-101507-CB-048*	*SO-17322-101607-CB-056*	*SO-17322-101607-CB-058*	*SO-17322-101807-CB-085*	*SO-17322-101807-CB-086*	*SO-17322-101807-CB-087*	*SO-17322-101707-CB-083*	*SO-17322-101707-CB-069*	*SO-17322-101707-CB-070*	*SO-17322-101707-CB-073*	*SO-17322-101807-CB-089*
Sample Date:		*10/11/2007*	*10/15/2007*	*10/16/2007*	*10/16/2007*	*10/18/2007*	*10/18/2007*	*10/18/2007*	*10/17/2007*	*10/17/2007*	*10/17/2007*	*10/17/2007*	*10/18/2007*
Sample Type:		*Duplicate*					*Duplicate*				*Duplicate*		
Parameter:	*Units*												
Metals													
Aluminum	mg/kg	2500	5250	8090	2070	6320	8190	--	4050	4020	4690	8170	6600
Antimony	mg/kg	0.091 J	0.19 UJ	0.18 UJ	0.19 UJ	1.5 J	2.5 J	--	0.18 UJ	0.18 UJ	0.18 UJ	0.22 UJ	0.32 J
Arsenic	mg/kg	3.9	5.2	6.4	2.4	6.9	3.8	--	4.4	4.1	3.0	4.5	4.6
Barium	mg/kg	14.5	46.1	61.7	8.5	84.6 J	114 J	--	34.9	34.7	44.1	77.0	62.0 J
Beryllium	mg/kg	0.18 U	0.36	0.51	0.16 J	0.10 J	0.14 J	--	0.11 J	0.12 J	0.11 J	0.13 J	0.18
Cadmium	mg/kg	0.091 U	0.19	0.30	0.12	1.5 J	7.8 J	--	0.062 J	0.089 U	0.089 U	0.084 J	0.47 J
Calcium	mg/kg	77000	108000	82600	40900	39200	27100	--	56000	6820	8530	56800	40900
Chromium III (Trivalent)	mg/kg	9.4	7.1	14.7	3.6	16.6	21.8	--	7.8	5.1	5.9	13.8	11.2
Chromium VI (Hexavalent)	mg/kg	0.61 J	1.5	0.92 U	1.4	1.7	1.2	--	0.92 U	1.9	1.9	0.93 U	3.4
Chromium Total	mg/kg	10.0	8.5	14.7	5.0	18.3	22.9	--	8.5	6.9	7.8	13.8	14.6
Cobalt	mg/kg	3.7	3.8	12.4	2.8	8.2	7.2	--	6.1	3.2	3.5	6.4	5.8
Copper	mg/kg	13.2	16.0	18.0	9.0	67.1 J	113 J	--	27.5	13.6	12.7	22.9	25.7 J
Iron	mg/kg	8210	7400	16200	5620	38700	17100	--	12300	11200	13400	15000	14200
Lead	mg/kg	7.5	12.4	7.1	3.6	242	446	14.5 J	14.3	18.4	38.9	25.4	71.8
Magnesium	mg/kg	7100	19800 J	14200 J	7270 J	11100 J	6070 J	--	10800 J	2090 J	2370 J	8400 J	10200 J
Manganese	mg/kg	228	266	452	169	469	317	--	339	119	143	335	392
Mercury	mg/kg	0.015 J	0.017 J	0.046 U	0.047 U	0.44 J	0.39	--	0.046 U	0.019 J	0.037 J	0.036 J	0.056
Nickel	mg/kg	8.9	10.3	21.5	6.9	20.0	28.8	--	13.0	7.4	7.8	17.4	15.2
Potassium	mg/kg	600	497 J	1520	444 J	1100	1400	--	1000	443 J	512	1490	1060
Selenium	mg/kg	0.13 J	0.20 U	0.20 U	0.20 U	0.33	0.15 J	--	0.12 J	0.32	0.30	0.20 U	0.32
Silver	mg/kg	0.050 J	0.094 U	0.092 U	0.094 U	0.13	0.15	--	0.086 J	0.046 J	0.057 J	0.10	0.10
Sodium	mg/kg	357	757	400	105	182	192	--	129	292	365	1060	139
Thallium	mg/kg	0.15	0.11	0.19	0.11 U	0.22	0.17	--	0.14 J	0.046 J	0.038 J	0.18 J	0.12
Vanadium	mg/kg	8.9	11.8	20.7	7.0	17.9	20.0	--	12.4	10.0	11.1	19.4	17.3
Zinc	mg/kg	27.5 J	31.9 J	40.2 J	21.7 J	122	79.0	--	44.1 J	23.1 J	33.0 J	65.5 J	81.6
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	38 U	39 U	38 U	39 U	39 U	35 U	--	38 U	37 U	37 U	38 U	35 U
Aroclor-1254 (PCB-1254)	ug/kg	38 U	39 U	38 U	39 U	39 U	35 U	--	38 U	37 U	37 U	26 J	35 U
Aroclor-1260 (PCB-1260)	ug/kg	38 U	39 U	38 U	39 U	39 U	35 U	--	38 U	37 U	37 U	38 U	38
Total PCBs	ug/kg	38 U	39 U	38 U	39 U	39 U	35 U	--	38 U	37 U	37 U	31.5	42.7
General Chemistry													
Cyanide (total)	mg/kg	0.23 U	0.44	0.23 U	0.24 U	0.24 U	0.21 U	--	0.23 U	0.13 J	0.22 U	0.23 U	0.21 U
Total Solids	%	87.5	85.5	86.5	84.7	84.0	94.3	82.2	86.8	90.2	90.0	86.1	93.6

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected based on excess holding time, insufficient surrogate recovery, calibration errors, or relative percent differences.
--	Not analyzed.
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 (NORTH PARCEL)
PONTIAC, MICHIGAN

Sample Location:		*BH-57-07*	*BH-92-08*	*TP-1*	*TP-1*	*TP-1*	*TP-1*	*TP-2*	*TP-2*	*TP-3*	*TP-3*	*TP-4*	*TP-4*
Sample Depth (ft bgs):		*(0-2)*	*(7.5-9.5)*	*(6-6)*	*(7-7)*	*(10-10)*	*(10-10)*	*(4-4)*	*(6.5-6.5)*	*(3-3)*	*(7-7)*	*(5-5)*	*(10-10)*
Sample ID:		*SO-17322-101807-CB-088*	*SO-17322-031408-CB-062*	*SO-17322-101007-CB-019*	*SO-17322-101007-CB-020*	*SO-17322-101007-CB-017*	*SO-17322-101007-CB-018*	*SO-17322-101007-CB-022*	*SO-17322-101007-CB-021*	*SO-17322-101007-CB-024*	*SO-17322-101007-CB-023*	*SO-17322-101007-CB-016*	*SO-17322-101007-CB-015*
Sample Date:		*10/18/2007*	*03/14/2008*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*	*10/10/2007*
Sample Type:													
Parameter:	*Units*												
Volatile Organic Compounds													
1,1,1-Trichloroethane	ug/kg	3.0 U	4.8 U	44 UJ	4.1 U	46 UJ	68 UJ	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
1,1-Dichloroethane	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
1,1-Dichloroethene	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
1,2,4-Trimethylbenzene	ug/kg	2.0 J	4.8 U	43 J	4.1 U	50 J	66 J	4.4 U	5.3 UJ	4.8 UJ	0.85 J	4.7 UJ	4.6 UJ
1,2-Dichlorobenzene	ug/kg	3.0 UJ	4.8 U	89 U	4.1 U	91 U	140 U	4.4 U	5.3 UJ	4.8 UJ	5.7 U	4.7 UJ	4.6 UJ
1,3,5-Trimethylbenzene	ug/kg	0.68 J	4.8 U	89 U	4.1 U	43 J	63 J	4.4 U	5.3 UJ	4.8 UJ	0.44 J	4.7 UJ	4.6 UJ
1,3-Dichlorobenzene	ug/kg	3.0 UJ	4.8 U	89 U	4.1 U	91 U	140 U	4.4 U	5.3 UJ	4.8 UJ	5.7 U	4.7 UJ	4.6 UJ
1,4-Dichlorobenzene	ug/kg	3.0 UJ	4.8 U	89 U	4.1 U	12 J	140 U	4.4 U	5.3 UJ	4.8 UJ	5.7 U	4.7 UJ	4.6 UJ
2-Butanone (Methyl Ethyl Ketone)	ug/kg	2.4 J	1.8 J	660 U	6.3 J	690 U	1000 U	5.9 J	21 U	19 U	23 U	7.2 J	18 U
2-Hexanone	ug/kg	12 U	19 U	2200 UJ	16 U	2300 UJ	3400 UJ	18 U	21 U	19 U	23 U	19 U	18 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/kg	12 U	19 U	2200 U	16 U	2300 U	3400 U	18 U	21 U	19 U	23 U	19 U	18 U
Acetone	ug/kg	15 J	7.1 J	660 U	30	690 U	1000 U	28	21 U	19 U	23 U	35	18 U
Benzene	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	0.49 J	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Carbon disulfide	ug/kg	3.0 U	4.8 U	220 U	0.49 J	230 U	340 U	4.4 U	1.1 J	4.8 U	1.3 J	0.60 J	4.6 U
Chloroethane	ug/kg	3.0 U	4.8 U	220 U	4.1 U	230 U	340 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Chloroform (Trichloromethane)	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
cis-1,2-Dichloroethene	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Cyclohexane	ug/kg	5.9 U	9.7 U	50 J	8.2 U	1100 U	1600 U	8.8 U	11 U	9.6 U	0.50 J	9.4 U	9.2 U
Ethylbenzene	ug/kg	0.25 J	4.8 U	8.1 J	4.1 U	17 J	68 U	4.4 U	5.3 U	4.8 U	3.2 J	4.7 U	4.6 U
Isopropylbenzene	ug/kg	3.0 U	4.8 U	220 U	4.1 U	69 J	92 J	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Methyl acetate	ug/kg	5.9 U	9.7 U	1100 U	8.2 U	68 J	1600 U	8.8 U	11 U	9.6 U	11 U	9.4 U	9.2 U
Methyl cyclohexane	ug/kg	5.9 U	9.7 U	79 J	8.2 U	1100 UJ	1600 UJ	8.8 U	11 U	9.6 U	0.38 J	9.4 U	9.2 U
Methyl Tert Butyl Ether	ug/kg	12 U	19 U	220 U	16 U	230 U	340 U	18 U	21 U	19 U	23 U	19 U	18 U
Methylene chloride	ug/kg	3.0 U	4.8 U	220 U	4.1 U	230 U	340 U	4.8	5.3 U	0.89 J	2.2 J	4.7 U	4.6 U
Tetrachloroethene	ug/kg	3.0 U	4.8 U	44 U	4.1 U	20 J	68 U	1.4 J	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Toluene	ug/kg	0.28 J	0.30 J	18 J	4.1 U	27 J	140 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
trans-1,2-Dichloroethene	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Trichloroethene	ug/kg	3.0 U	4.8 U	44 U	4.1 U	46 U	68 U	4.4 U	5.3 U	13	0.87 J	4.7 U	4.6 U
Trichlorofluoromethane (CFC-11)	ug/kg	3.0 U	4.8 U	89 UJ	4.1 U	91 UJ	140 UJ	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Vinyl chloride	ug/kg	3.0 U	4.8 U	35 U	4.1 U	37 U	55 U	4.4 U	5.3 U	4.8 U	5.7 U	4.7 U	4.6 U
Xylene (total)	ug/kg	1.4 J	9.7 U	70 J	8.2 U	91 J	83 J	0.82 J	11 U	9.6 U	4.7 J	9.4 U	9.2 U
Semi-Volatile Organic Compounds													
2,6-Dinitrotoluene	ug/kg	230 U	1200 U	2200 U	1500 U	990 U	160000 U	230 U	460 U	1100 U	220 UJ	570 U	240 U
2-Methylnaphthalene	ug/kg	33	40 U	110	330	42	36000	520	160	96	160 J	130	7.9 U
Acenaphthene	ug/kg	790	180	140	520	44	130000	24	69	35 U	34 J	19 U	7.9 U
Acenaphthylene	ug/kg	7.6 U	40 U	74 U	93	33 U	5300 U	50	15 U	66	22 J	19 U	7.9 U
Acetophenone	ug/kg	110 U	610 U	1100 U	740 U	500 U	79000 U	110 U	230 U	530 U	110 UJ	290 U	120 U
Anthracene	ug/kg	410	560	74 U	1500	100	200000	73	260	84	66 J	61	7.9 U
Benzo(a)anthracene	ug/kg	870	690	74 U	3300	390	350000	160	970	210	200 J	140	7.9 U
Benzo(a)pyrene	ug/kg	590	460	140	3300	430	270000	170	820	290	210 J	160	7.9 U
Benzo(b)fluoranthene	ug/kg	900	160	150	4400	620	360000	280	1100 J	450	300 J	240	7.9 U
Benzo(g,h,i)perylene	ug/kg	240	380	74 U	2900	360	150000	130	590	260	180 J	140	7.9 U
Benzo(k)fluoranthene	ug/kg	350	40 U	100	1400	170	170000	98	390	150	120 J	85	7.9 U
Biphenyl	ug/kg	96	300 U	550 U	370 U	250 U	40000 U	39 J	120 U	270 U	56 UJ	140 U	59 U
bis(2-Ethylhexyl)phthalate	ug/kg	57 U	300 U	550 U	370 U	250 U	40000 U	56 J	44 J	270 U	64 UJ	140 U	29 J
Caprolactam	ug/kg	370 U	2000 U	3700 U	2400 U	1600 U	260000 U	380 U	760 U	1800 U	370 UJ	940 U	390 U
Carbazole	ug/kg	57 U	300 U	550 U	450	250 U	130000	40 J	140	270 U	43 J	140 U	59 U
Chrysene	ug/kg	1100	960	93	3200	380	350000	220	950	330	260 J	220	7.9 U
Dibenz(a,h)anthracene	ug/kg	61	98	74 U	580	84	47000	36	140	59	43 J	32	7.9 U
Dibenzofuran	ug/kg	470	300 U	550 U	310 J	250 U	79000	130	61 J	270 U	53 J	140 U	59 U
Di-n-butylphthalate	ug/kg	57 U	300 U	550 U	370 U	250 U	40000 U	57 U	120 U	170 J	56 UJ	140 U	59 U
Fluoranthene	ug/kg	3800	40 U	300	7300	770	960000	300	1900 J	410	440 J	340	7.9 U
Fluorene	ug/kg	1000	40 U	96	520	53	150000	29	74	35 U	40 J	24	7.9 U
Indeno(1,2,3-cd)pyrene	ug/kg	250	83	74 U	2300	280	130000	100	500	210	150 J	100	7.9 U
Naphthalene	ug/kg	280	40 U	74 U	280	33 U	5300 U	330	100	49	110 J	80	7.9 U
Phenanthrene	ug/kg	4400	1500	250	4900	370	900000	340	980	210	300 J	250	7.9 U
Pyrene	ug/kg	2800	1800	280	6100	600	700000	240	1600 J	370	370 J	270	7.9 U

TABLE 4.1

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

Sample Location:		***BH-57-07***	***BH-92-08***	***TP-1***	***TP-1***	***TP-1***	***TP-1***	***TP-2***	***TP-2***	***TP-3***	***TP-3***	***TP-4***	***TP-4***
Sample Depth (ft bgs):		***(0-2)***	***(7.5-9.5)***	***(6-6)***	***(7-7)***	***(10-10)***	***(10-10)***	***(4-4)***	***(6.5-6.5)***	***(3-3)***	***(7-7)***	***(5-5)***	***(10-10)***
Sample ID:		***SO-17322-101807-CB-088***	***SO-17322-031408-CB-062***	***SO-17322-101007-CB-019***	***SO-17322-101007-CB-020***	***SO-17322-101007-CB-017***	***SO-17322-101007-CB-018***	***SO-17322-101007-CB-022***	***SO-17322-101007-CB-021***	***SO-17322-101007-CB-024***	***SO-17322-101007-CB-023***	***SO-17322-101007-CB-016***	***SO-17322-101007-CB-015***
Sample Date:		***10/18/2007***	***03/14/2008***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***	***10/10/2007***
Sample Type:													
Parameter:	***Units***												
Metals													
Aluminum	mg/kg	7040	14700	5660	5790	5390	9920	5550	5460	4420	4320	5070	3650
Antimony	mg/kg	0.18 UJ	0.12 J	0.18 UJ	0.53 J	0.31 UJ	1.5 J	0.27 UJ	0.39 J	0.51 J	0.22 UJ	0.57 J	0.19 UJ
Arsenic	mg/kg	2.4	12.1 J	4.1	5.9	5.1	11.4	7.3	4.3	6.5	4.6	4.9	3.3
Barium	mg/kg	48.5 J	55.8	35.6	64.8	44.8	263	42.1	40.3	39.9	32.0	54.9	17.2
Beryllium	mg/kg	0.16 J	0.24 U	0.056 J	0.077 J	0.074 J	0.26	0.17 J	0.077 J	0.10 J	0.089 J	0.14 J	0.19 U
Cadmium	mg/kg	0.19 J	0.097 U	0.21	0.43	0.30	1.4	0.23	0.15	0.56	0.27	0.33	0.15
Calcium	mg/kg	7770	4350 J	52200	29100	54400	42700	44100	90700	38600	77600	29800	94900
Chromium III (Trivalent)	mg/kg	12.1	23.6	8.4	21.1	16.0	67.4	10.8	9.9	9.2	10.2	12.1	7.7
Chromium VI (Hexavalent)	mg/kg	1.1 U	0.97 U	3.1	0.77 J	0.74 J	1.4	0.74 J	1.3	0.51 J	0.69 J	0.79 J	0.49 J
Chromium Total	mg/kg	13.2	23.6 J	11.5	21.8	16.7	67.4	11.6	11.1	9.7	10.9	12.9	8.1
Cobalt	mg/kg	7.3	15.0	5.9	6.8	5.8	12.9	5.6	4.4	5.3	4.8	6.2	4.6
Copper	mg/kg	11.4 J	48.9 J	17.2	203	67.0	404	21.3	17.6	25.6	22.9	22.9	17.1
Iron	mg/kg	13500	34200	12600	15500	16000	39300	14500	11500	12000	11800	10400	10200
Lead	mg/kg	9.8	18.0 J	14.0	127	139	835	52.7	33.0	20.6	29.2	61.9	5.6
Magnesium	mg/kg	2580 J	4460 J	11500	7060	10200	11900	12100	9250	7890	10000	10100	15700
Manganese	mg/kg	585	923	363	240	317	391	349	254	348	270	208	370
Mercury	mg/kg	0.053	0.028 J	0.022 J	0.091	0.058	0.39	0.087	0.024 J	0.040 J	0.044 J	0.092	0.047 U
Nickel	mg/kg	13.1	40.0 J	17.3	39.3	38.2	123	13.2	10.4	19.8	12.9	11.7	10.2
Potassium	mg/kg	954	1710	1070	938	786	1650	1020	1330	909	825	620	618
Selenium	mg/kg	0.18 J	1.6	0.19 U	0.23	0.21 U	1.2	0.41	0.20 U	0.16 J	0.11 J	0.40	0.15 J
Silver	mg/kg	0.13	0.042 J	0.060 J	0.13	0.098 J	0.44	0.075 J	0.066 J	0.093	0.062 J	0.097	0.048 J
Sodium	mg/kg	107	709	552	191	543	711	574	472	97.0	420	408	368
Thallium	mg/kg	0.081 J	0.42	0.15	0.15	0.14	0.28	0.15	0.13	0.17	0.12	0.15	0.13
Vanadium	mg/kg	20.1	36.2 J	15.3	16.8	15.3	28.3	14.9	13.7	26.0	13.3	14.7	11.4
Zinc	mg/kg	26.3	92.1	57.1	101	152	411	55.1	41.3	70.6	58.6	104	25.0
Polychlorinated Biphenyls (PCBs)													
Aroclor-1248 (PCB-1248)	ug/kg	37 U	40 U	37 U	37 U	41 U	52 U	38 U	38 U	35 U	37 U	75 U	39 U
Aroclor-1254 (PCB-1254)	ug/kg	10 J	40 U	37 U	51	41 U	52 U	33 J	12 J	33 J	220	610	39 U
Aroclor-1260 (PCB-1260)	ug/kg	37 U	40 U	37 U	37 U	49	180	38 U	38 U	35 U	37 U	75 U	39 U
Total PCBs	ug/kg	15.5	40 U	37 U	56.5	54.5	187	38.5	17.5	38	225.5	621	39 U
General Chemistry													
Cyanide (total)	mg/kg	0.23 U	0.24 U	0.22 U	0.13 J	0.31 J	1.4 J	0.12 J	0.20 J	0.18 J	0.13 J	2.9 J	0.24 U
Total Solids	%	88.0	82.5	90.3	90.2	80.5	63.1	87.0	86.6	94.1	89.3	87.6	84.6

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected based on excess holding time, insufficient surrogate recovery, calibration errors, or relative percent differences.
--	Not analyzed.
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 4.2

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

Sample Location:		*MW-2-07*	*MW-4-07*	*MW-7-07*	*MW-10-07*	*MW-11-07*
Sample ID:		*GW-17322-112807-CB-008*	*GW-17322-112807-CB-009*	*GW-17322-112807-CB-007*	*GW-17322-112707-CB-004*	*GW-17322-112707-CB-002*
Sample Date:		*11/28/2007*	*11/28/2007*	*11/28/2007*	*11/27/2007*	*11/27/2007*
Sample Type:						
Parameter:	*Units*					
Volatile Organic Compounds						
1,1,1-Trichloroethane	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	ug/L	1.7 U	0.18 J	1.0 U	1.0 U	0.28 J
1,4-Dichlorobenzene	ug/L	1.7 U	0.30 J	1.0 U	1.0 U	0.48 J
2-Butanone (Methyl Ethyl Ketone)	ug/L	42 U	2.5 J	25 U	25 U	25 U
2-Hexanone	ug/L	84 U	50 U	50 U	50 U	50 U
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)	ug/L	84 U	3.2 J	50 U	50 U	50 U
Acetone	ug/L	42 U	25 U	25 U	25 U	25 U
Benzene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ug/L	8.4 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U
Chloroethane	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (Trichloromethane)	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ug/L	8.8	1.0 U	1.0 U	1.0 U	1.0 U
Cyclohexane	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	ug/L	8.4 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl acetate	ug/L	17 U	10 U	10 U	10 U	10 U
Methyl cyclohexane	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl Tert Butyl Ether	ug/L	8.4 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene chloride	ug/L	8.4 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ug/L	2.9	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	ug/L	51	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane (CFC-11)	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	ug/L	1.7 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylene (total)	ug/L	3.3 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	25 U	5.0 U	6.1 U	5.0 U
2-Methylnaphthalene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Acenaphthene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Acenaphthylene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Acetophenone	ug/L	1.0 U	5.0 U	1.0 U	1.2 U	1.0 U
Anthracene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Benzo(a)anthracene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Benzo(a)pyrene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Benzo(b)fluoranthene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Benzo(g,h,i)perylene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Benzo(k)fluoranthene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Biphenyl	ug/L	1.0 U	5.0 U	1.0 U	1.2 U	1.0 U
bis(2-Ethylhexyl)phthalate	ug/L	1.0 U	5.0 U	1.0 U	1.2 U	1.0 U
Caprolactam	ug/L	5.0 U	25 U	5.0 U	6.1 U	5.0 U
Carbazole	ug/L	1.0 U	5.0 U	1.0 U	1.2 U	1.0 U
Chrysene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Dibenz(a,h)anthracene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Dibenzofuran	ug/L	1.0 U	5.0 U	1.0 U	1.2 U	1.0 U
Di-n-butylphthalate	ug/L	1.0 U	5.0 U	1.0 U	1.2 U	1.0 U
Fluoranthene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Fluorene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Indeno(1,2,3-cd)pyrene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Naphthalene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Phenanthrene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Pyrene	ug/L	0.20 U	1.0 U	0.20 U	0.24 U	0.20 U
Metals						
Aluminum	ug/L	11.6 J	14.2 J	50.0 U	644	523
Antimony	ug/L	2.0 U	2.0 U	2.0 U	1.1 J	2.0 U
Arsenic	ug/L	5.0 U	5.0 U	5.0 U	5.9	5.0 U
Barium	ug/L	394	79.5	197	9.7 J	52.6 J
Beryllium	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Cadmium	ug/L	1.0 U	1.0 U	0.71 J	1.0 U	1.0 U
Calcium	ug/L	323000	226000	324000	12800	67500
Chromium III (Trivalent)	mg/L	0.0051 J	0.0050 UJ	0.0050 UJ	0.0050 UJ	0.0050 UJ
Chromium VI (Hexavalent)	mg/L	0.01 UJ	0.01 UJ	0.01 UJ	0.006 J	0.01 UJ
Chromium Total	ug/L	5.1	5.0 U	5.0 U	6.5	5.0 U
Cobalt	ug/L	2.5 J	7.0 U	2.1 J	7.0 U	7.0 U
Copper	ug/L	2.0 U	2.4 U	2.2 U	4.4	2.1 U
Iron	ug/L	1810 J	87.1 J	125 J	1030 J	879 J
Lead	ug/L	3.0 U	3.0 U	3.0 U	5.6	3.0 U
Magnesium	ug/L	56000	16200	70900	2020	23400
Manganese	ug/L	2150	57.7	192	23.5	245
Mercury	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	ug/L	6.7 J	20.0 U	3.5 J	20.0 U	4.0 J
Potassium	ug/L	5270 J	11000 J	7370 J	4960 J	1860 J
Selenium	ug/L	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
Sodium	ug/L	876000	643000	488000	68900	444000
Thallium	ug/L	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	5.4	4.0 U
Zinc	ug/L	5.8 J	20.0 U	5.8 J	16.2 J	6.0 J
Polychlorinated Biphenyls (PCBs)						
Aroclor-1248 (PCB-1248)	ug/L	0.33	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
Aroclor-1260 (PCB-1260)	ug/L	0.29	0.10 U	0.10 U	0.10 U	0.10 U
Total PCBs	ug/L	0.62	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	0.0050 U

Notes:

U	Not present at or above the associated value.
J	Estimated concentration.
UJ	Estimated reporting limit.
R	Rejected based on excess holding time, insufficient surrogate recovery, calibration errors, or relative percent differences.
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: BH1-07 (REFUSAL LOCATION)
DATE COMPLETED: October 11, 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
0	ASPHALT	0.15	2" BOREHOLE				
	CONCRETE						
	- REFUSAL at 1.5ft BGS	1.50					
2	END OF BOREHOLE @ 1.5ft BGS						
4							
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

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: BH1-07
DATE COMPLETED: December 7, 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	0.75		0-2' -140				2.2
2	CL-CLAYS, with sands, fine grained, trace coarse grained and fine to coarse gravels, poorly graded, loose, low plasticity, firm, brown, moist			1DP		65		0.0
4								
	- stiff at 5.0ft BGS		2" BOREHOLE					0.0
6								0.0
8				2DP		90		
				8-10' -141				0.0
		9.25						
10	CH-CLAYS, with sands, fine and coarse grained, poorly graded, high plasticity, firm to soft, gray, moist to very moist	10.00						0.0
	ML-SILTS, trace clays, poorly graded, no plasticity, firm, gray, saturated							
12		12.00		3DP		90		0.0
	CH-CLAYS, trace silts, poorly graded, high plasticity, firm, gray, moist to very moist							
14								0.0
16								0.0
				4DP		90		
18	CL-CLAYS, with silts, poorly graded, low plasticity, firm, gray, very moist	18.00						0.0
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 (oval)

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: MW2-07
DATE COMPLETED: October 12, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
0	ASPHALT	0.50
2	SP-SANDS, fine to medium grained, with fine to coarse gravels, poorly graded, loose, brown, moist	
4		
6		
8	CH-CLAYS, trace fine sands and coarse gravels, poorly graded, high plasticity, soft to firm, brown, moist	7.50
		8.50
		8.70
10	ASPHALT DEBRIS	9.50
	CONCRETE DEBRIS	
12	CH-SANDY CLAYS, fine grained, trace fine gravels, poorly graded, low plasticity, firm to stiff, brown, moist	
14	- firm, mottled at 13.0ft BGS	13.75
	- soft to firm, mottled at 13.5ft BGS	
16	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, saturated	
18	- gray at 18.5ft BGS	
		19.00
20	SP-SANDS, fine to medium grained, trace coarse grained and fine gravels, poorly graded, loose, brown to gray, saturated	
		21.00
22	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, gray, saturated	
24		
		24.50
26	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm, gray, moist	
28		
30	END OF BOREHOLE @ 30.0ft BGS	30.00
32		
34		
36		
38		
40		
42		
44		

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:
12.00 to 25.00ft BGS
Length: 13ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Seal:
25.00 to 30.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
10.00 to 25.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -042				0.9
1DP		60		0.9
				0.9
2DP		65		1.2
8-10' -043				
				0.7
3DP 11.75-13.75' -044		50		0.7
				0.2
4DP		80		0.2
				0.7
5DP		50		1.4
				0.7
6DP		100		0.4

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: BH3-07
DATE COMPLETED: October 12, 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' -040				0.2
	SP-SANDS, with gravels, fine to medium sands, with coarse sands and fine to medium gravels, moderately graded, loose, brown, moist	1.25		1DP		70		
4	CL-CLAYS, trace fine and coarse sands, poorly graded, low plasticity, firm, brown, moist	3.80						0.4
	SP-SANDS, fine grained, poorly graded, loose, brown, moist		2" BOREHOLE	5-7' -041				0.7
8	- saturated at 7.0ft BGS			2DP		80		0.7
12				3DP		60		0.7
14	CH-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, high plasticity, firm, brown, moist	14.25						0.4
16	- gray at 15.0ft BGS							0.9
18				4DP		100		0.7
20	END OF BOREHOLE @ 20.0ft BGS	20.00						
22	NOTE: 5-7' 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: MW4-07
DATE COMPLETED: October 11, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.20
	NO RECOVERY	
	CL/-ML-CLAYS AND SILTS, poorly graded, firm, gray, very moist	5.00
	SP-SANDS, with silts and clays, fine grained, poorly graded, compact, brown, saturated	6.75 / 7.25
	CL/-ML-CLAYS AND SILTS, poorly graded, firm, gray, very moist - saturated at 8.5ft BGS	
	SP-SANDS, fine grained, poorly graded, loose, brown, saturated	9.80
	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm to soft, gray, very moist	15.00
	END OF BOREHOLE @ 20.0ft BGS	20.00
	NOTE: 12.5-14.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	

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

WELL DETAILS
Screened interval:
5.50 to 15.50ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.101
Material: PVC
Seal:
15.50 to 20.00ft BGS
Material: BENTONITE CHIPS
Sand Pack:
3.50 to 15.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
				--
1DP		0		--
				0.9
2DP		85		0.0
				2.5
3DP		80		23.6
15-17' -028				0.5
4DP		90		0.6

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: BH5-07
DATE COMPLETED: October 15, 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	PID (ppm)
	ASPHALT	0.50	2" BOREHOLE	0-2' -045				0.3
2	SP-SANDS AND GRAVELS, fine to medium grained sands, fine to coarse gravels, moderately graded, loose to compact, brown, moist			1DP		80		
4								0.3
	ASPHALT DEBRIS	5.00						
		5.30						
6	CONCRETE DEBRIS	5.90						0.8
	ASPHALT DEBRIS	6.00						
	SP-SANDS, fine to medium grained with fine gravels, poorly graded, loose to compact, brown, moist			2DP		60		
8				8-10' -046				0.8
10								
								0.3
12	- very moist at 12.0ft BGS							
	CH-CLAYS, with sands, fine grained, trace coarse sands and fine gravels, poorly graded, high plasticity, firm, brown, moist	12.50		3DP		90		
14								0.1
	SP-SANDS, fine to medium grained, poorly graded, loose, brown, very moist	15.00						
16								2.7
				4DP		85		
18				17.4-19.4 -047				
	CH-CLAYS, trace fine sands, poorly graded, high plasticity, gray, moist	18.50						0.1
		19.40						
20	SP-SANDS, with clays, fine grained, poorly graded, loose, gray, saturated	20.00						
	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, gray, moist to very moist							0.1
22				5DP		100		
24								0.1
	END OF BOREHOLE @ 25.0ft BGS	25.00						
26	NOTE: 17.4-19.4' 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

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: BH6-07
DATE COMPLETED: October 12, 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'				4.4
	CL-CLAYS, trace fine sands and fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist			-036				
2				-037 DUP				
	CONCRETE AND ASPHALT DEBRIS	2.50		1DP		90		
		3.75						2.7
4	SP-SANDS, with clays, fine grained, poorly graded, compact, brown, moist		2" BOREHOLE					
6								2.7
				2DP		55		
8				8-10'				0.2
		9.25		-038				
10	CH-CLAYS, with sands, fine grained, trace silts and coarse sands, poorly graded, high plasticity, soft to firm, brown, moist to very moist							3.1
12	- increase in sands at 11.5ft BGS - decrease in sands at 12.0ft BGS			3DP		90		
	- firm at 13.0ft BGS	13.50		13-15'				2.2
14	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist			-039				
	- saturated at 14.9ft BGS							
16								1.9
				4DP		85		
18	- trace clays at 18.0ft BGS							2.2
20	- no clays at 20.0ft BGS							
								2.2
22				5DP		85		
								2.7
24	- gray at 25.0ft BGS							
26								1.4
				6DP		80		
28								2.7
30								1.9
32	- with clays and silts at 32.0ft BGS							
		32.50		7DP		90		
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm to soft, gray, saturated							2.4
34	- firm, very moist at 33.0ft BGS							
	- firm to soft, saturated at 34.2ft BGS	34.75						

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: BH6-07
DATE COMPLETED: October 12, 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	CH-CLAYS, trace fine gravels, poorly graded, high plasticity, firm, gray, moist							0.9
38	- firm to stiff at 37.0ft BGS			8DP		95		0.9
40	END OF BOREHOLE @ 40.0ft BGS	40.00						
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								

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: MW7-07
DATE COMPLETED: October 12, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORNG WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
0	ASPHALT	0.50	CONCRETE	0-2' -033				0.0
	SP-SANDS, fine grained, poorly graded, loose, brown, moist	1.00						
2	CL-CLAYS, with sands, fine grained, trace coarse sands and fine gravels, poorly graded, low plasticity, firm, brown, moist		BENTONITE CHIPS	1DP		60		0.2
4			1" PVC WELL CASING					
6	- low to moderate plasticity at 6.5ft BGS							0.2
8				2DP		90		
	SP-SANDS, fine grained, poorly graded, loose, brown, moist	8.50	3-1/4" BOREHOLE	8-10' -034				0.2
10				10-12' -035				0.4
12	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, brown, moist to very moist	12.00 12.20	SAND PACK	3DP		100		
	SP-SANDS, fine grained, poorly graded, loose, brown, saturated							0.4
14								
16								0.4
18			BENTONITE CHIPS	4DP		75		
	- gray at 19.0ft BGS							0.4
20								
22								0.4
				5DP		85		
24								0.4
26								0.4
				6DP		80		
28								0.2
30	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, gray, saturated	29.75						
32				7DP		90		0.2
	CL-CLAYS, with silts, poorly graded, low plasticity, firm, gray, moist	33.00						
34								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: MW7-07
DATE COMPLETED: October 12, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	MONITORNG WELL	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE 'N' VALUE	SAMPLE PID (ppm)
36				8DP		100		0.2
38	END OF BOREHOLE @ 38.0ft BGS NOTE: 10-12' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	38.00	WELL DETAILS Screened interval: 10.00 to 15.00ft BGS Length: 5ft Diameter: 1in Slot Size: 0.010 Material: PVC Seal: 15.00 to 38.00ft BGS Material: BENTONITE CHIPS Sand Pack: 8.00 to 15.00ft BGS Material: SAND					
40								
42								
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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: BH8-07
DATE COMPLETED: October 11, 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						
	NO RECOVERY	1.50						0.2
2	SP-SANDS, with clays, fine grained, with medium to coarse grained and fine to coarse gravels, poorly graded, loose, brown, moist to very moist	2.00		1.5-2.5 -025 1DP		50		
4	CH-CLAYS, with sands, fine grained, trace medium grained and silts, poorly graded, high plasticity, firm, brown, moist		2" BOREHOLE					0.2
6								0.2
8				2DP		80		
	- increase in plasticity, gray and brown, very moist at 9.0ft BGS	9.75		8-10' -026				0.4
10	- stiff, brown at 9.5ft BGS	10.00						
	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist							0.2
12	CH-CLAYS, with sands, fine grained, trace medium grained and silts, poorly graded, high plasticity, firm, brown, moist	12.50		3DP		80		
				12.5-14.5 -027				
14	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist							0.4
	- saturated at 14.5ft BGS	15.00						
16	CH-CLAYS, with sands, fine grained, trace fine gravels, trace medium grained and silts, poorly graded, high plasticity, soft, brown, very moist							0.6
		17.50		4DP		70		
18	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist to very moist							0.6
20	- gray, saturated at 20.0ft BGS							
22								0.6
				5DP		65		
24								0.6
26								0.8
				6DP		60		
28								0.6
30								
								0.6
32				7DP		55		
34	CL/ML-CLAYS AND SILTS, poorly graded, no	34.00						0.2

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: BH8-07
DATE COMPLETED: October 11, 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	plasticity, firm, gray, saturated - very moist at 35.5ft BGS							0.2
		37.00						
38	CH-CLAYS, trace fine sands and fine gravels, poorly graded, high plasticity, firm, gray, moist			8DP		100		0.2
40		40.00						
	END OF BOREHOLE @ 40.0ft BGS							
42	NOTE: 12.5-14.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
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: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH9-07
DATE COMPLETED: October 11, 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' -030 -031 DUP				0.6
2	SP-SANDS, fine grained, with medium to coarse grained, trace fine gravels, poorly graded, loose, brown, moist to very moist			1DP		60		0.4
4	CH-CLAYS, with sands, fine grained, with coarse grained, trace fine gravels, poorly graded, moderate plasticity, firm to stiff, brown, moist	4.00	2" BOREHOLE					0.4
6				2DP		65		0.2
8	- firm, gray at 8.0ft BGS			8-10' -029				0.4
10	- soft at 10.0ft BGS							
12				11-13' -032 3DP		90		0.2
14	SP-SANDS, fine grained, poorly graded, compact, brown, very moist to saturated	13.00						0.2
16	- saturated at 15.0ft BGS			4DP		75		0.4
18								0.4
20	- gray at 19.9ft BGS			5DP		70		0.2
22								0.0
24				6DP		90		0.0
26								0.0
28				7DP		75		0.0
30								
32								
34	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, gray, saturated	33.50						

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: BH9-07
DATE COMPLETED: October 11, 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	CL-CLAYS, with silts, poorly graded, low plasticity, soft to firm, gray, very moist	35.00						0.0
38	- firm, moist at 36.5ft BGS			8DP		75		0.0
40	END OF BOREHOLE @ 40.0ft BGS	40.00						
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 (oval)

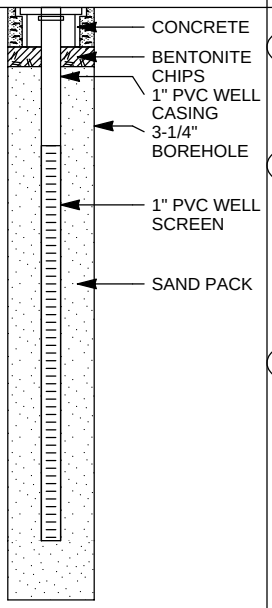
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: MW10-07
DATE COMPLETED: October 15, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	ASPHALT	0.50
	SW/GW-SANDS AND GRAVELS, fine to medium sands, fine to coarse gravels, moderately graded, loose, brown, moist	1.00
2	ASPHALT DEBRIS	1.50
	CL-CLAYS, with sands, fine grained, poorly graded, low plasticity, firm, brown, moist	
4	SP-SANDS, with clays, fine grained, poorly graded, loose to compact, brown, moist	4.00
	- trace clays, very moist at 4.5ft BGS	5.50
6	- with clays, saturated at 5.0ft BGS	
	CH-CLAYS, with sands, fine grained, trace coarse grained, poorly graded, high plasticity, soft, brown, saturated	
8	- soft to firm, very moist at 6.0ft BGS	
	- increase in sands at 8.5ft BGS	
10	- dark gray at 9.0ft BGS	
12	- trace fine gravels, stiff at 13.0ft BGS	
14	- very stiff at 14.0ft BGS	
	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:
3.50 to 13.50ft BGS
Length: 10ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
1.50 to 13.50ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -048				0.8
1DP		50		
3-5' -049				0.1
				0.6
2DP		100		
8-10' -050				0.3
				0.1
3DP		75		
				0.1

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: MW11-07
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	0-2' -056				0.0
2	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, stiff, brown, moist - trace fine gravels at 2.5ft BGS		BENTONITE CHIPS	1DP		100		
4			1" PVC WELL CASING					0.0
6			3-1/4" BOREHOLE					0.3
8	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist - very moist at 7.5ft BGS	7.00		2DP 7-9' -057		90		0.0
10	SP-SANDS, with silts, fine grained, poorly graded, compact, brown, saturated	9.00 9.50	1" PVC WELL SCREEN					
12	CL-CLAYS, with silts, poorly graded, low plasticity, firm, gray, moist CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, gray, very moist	11.00	SAND PACK	3DP		90		0.0
14	- brown at 14.2ft BGS ML-SILTS, trace clays, poorly graded, no plasticity, gray, saturated	14.00	BENTONITE CHIPS					0.0
16								0.0
18	- brown at 18.2ft BGS SP-SANDS, fine to medium grained, poorly graded, compact, brown and orange, moist	18.00		4DP		80		0.0
20								0.0
22	CL-CLAYS, with sands, fine grained, with coarse grained and fine gravels, poorly graded, low plasticity, brown, moist	22.50		5DP		70		0.0
24								
26	NO RECOVERY	25.00						--
28				6DP		0		--
30	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist	30.00						0.0
32	- gray, saturated at 32.0ft BGS			7DP		65		
34								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: MW11-07
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)
36								0.0
38				8DP		80		0.0
40	END OF BOREHOLE @ 40.0ft BGS NOTE: 7-9' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	40.00	WELL DETAILS Screened interval: 7.00 to 12.00ft BGS Length: 5ft Diameter: 1in Slot Size: 0.010 Material: PVC Seal: 12.00 to 40.00ft BGS Material: BENTONITE CHIPS Sand Pack: 5.00 to 12.00ft BGS Material: SAND					
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 ( )

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: BH12-07
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)
	ASPHALT	0.50		0-2' -058				0.0
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist	1.25						
2	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist	1.75		1DP		45		
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist							0.0
4		4.50						
	SP-SANDS, fine grained, poorly graded, loose to compact, brown, moist	4.80	← 2" BOREHOLE					
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist							0.0
6		7.00						
	CL-CLAYS, with silts, poorly graded, low plasticity, soft, gray, very moist			2DP		85		
8				8-10' -059				0.0
	- brown at 10.0ft BGS	9.80		10-10.5 -060				
10	SP-SANDS, fine grained, poorly graded, loose to compact, brown to orange, moist	11.00						0.0
	- with clays, saturated at 10.5ft BGS	11.50						
12	CL-CLAYS, with silts, poorly graded, low plasticity, soft, brown, moist	13.00		3DP		85		
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, very moist							0.0
14	SP-SANDS, with silts, fine grained, poorly graded, loose to compact, brown, very moist	15.00						
	- no silts at 13.5ft BGS							0.0
16	CL-SANDY CLAYS, fine grained with coarse grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist			4DP		90		
18		18.75						0.0
	SP-SANDS, fine grained, poorly graded, compact, brown, moist							
20								0.0
22	- trace silts at 23.3ft BGS			5DP		70		
	- no silts at 23.8ft BGS							0.0
24								
26	- gray, saturated at 27.0ft BGS							0.0
28				6DP		80		0.0
30								0.0
32				7DP		75		
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 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: BH12-07
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)
36								0.0
38				8DP		85		0.0
40	END OF BOREHOLE @ 40.0ft BGS	40.00						
42	NOTE: 10-10.5' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							
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

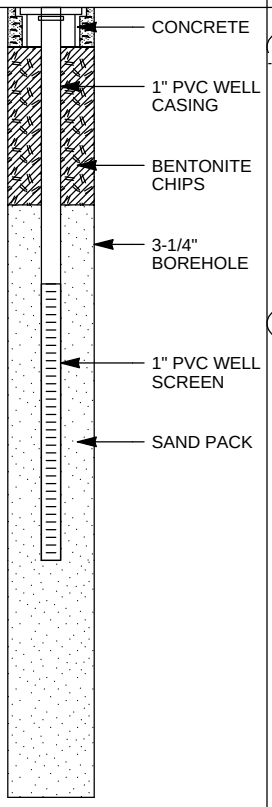
OVERBURDEN LOG 17322-WIN.GPJ CRA_CORP.GDT 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: MW13-07
DATE COMPLETED: October 18, 2007
DRILLING METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS
	CL-SANDY CLAYS, fine to medium grained, trace fine gravels, poorly graded, low plasticity, soft to firm, brown, moist	1.00
2	ASPHALT DEBRIS	1.50
	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	
4		4.25
	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist	5.00
6	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	
8	- trace silts at 8.0ft BGS	
	ML-SILTS, with sands, fine grained, poorly graded, no plasticity, soft, saturated	9.00
10	- increase in sands at 10.0ft BGS	
12		
	CL-CLAYS, trace fine to medium sands and fine gravels, poorly graded, low plasticity, soft to firm, brown, moist	13.00
14		
16		
18		
	SP-SANDS, fine grained, poorly graded, loose, brown, moist	19.00
20		20.00
	END OF BOREHOLE @ 20.0ft BGS	
22	NOTE: 7-9' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	
24		
26		
28		
30		
32		
34		



WELL DETAILS
Screened interval:
7.00 to 14.00ft BGS
Length: 7ft
Diameter: 1in
Slot Size: 0.010
Material: PVC
Sand Pack:
5.00 to 14.00ft BGS
Material: SAND

SAMPLE NUMBER	INTERVAL	REC (%)	'N' VALUE	PID (ppm)
0-2' -085 -086 DUP				0.0
1DP		70		0.0
				0.0
2DP 7-9' -087		85		0.0
				0.0
3DP		95		0.0
				0.0
4DP		80		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 10/29/07

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: MW16-07
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)
0	ASPHALT	0.50	CONCRETE	0-2' -083				0.4
2	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, firm, brown and gray, moist		BENTONITE CHIPS	1DP		75		
		3.00	1" PVC WELL CASING					
4	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist	3.50						0.0
	CL-CLAYS, trace silts, poorly graded, low plasticity, firm, brown, moist to very moist	5.00	3-1/4" BOREHOLE					
6	CL-CLAYS, with sands, fine grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist							0.0
8		8.00	1" PVC WELL SCREEN	2DP 6.75-8.75 -084		80		
	SP-SANDS, with silts, fine to medium grained, poorly graded, loose to compact, brown, very moist	8.75						0.0
10	- decrease in silts, loose at 8.5ft BGS		SAND PACK					
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, brown, very moist to saturated							0.0
12	- very moist at 12.0ft BGS							
		12.50		3DP		95		
	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist	13.00						
14	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, brown, very moist to saturated							0.0
		15.00						
16	SP-SANDS, fine to medium grained, with coarse grained, poorly graded, compact, brown, moist							0.0
18			BENTONITE CHIPS	4DP		65		
								0.0
20		20.00						
	CL-CLAYS, with sands, fine to medium grained, trace coarse grained and fine gravels, poorly graded, low plasticity, stiff, brown, moist	21.00						0.0
22		22.00		5DP		95		
	SP-SANDS, fine to medium grained, with coarse grained, poorly graded, compact, brown, moist to very moist							0.0
24								
	CL-CLAYS, with sands, fine to medium grained, trace coarse grained, fine gravels, poorly graded, low plasticity, stiff, brown, moist	24.50						
26								0.0
	SP-SANDS, fine to medium grained, poorly graded, compact, brown, moist			6DP		70		
28	- trace silts, very moist at 26.0ft BGS							
	- with silts, very moist to saturated at 27.0ft BGS							0.0
30	- no silts, moist to very moist at 27.5ft BGS							
	- gray, saturated at 30.0ft BGS							0.0
32				7DP		75		
								0.0
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: MW16-07
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								0.0
38				8DP		80		0.0
40	SP-SANDS, fine to medium grained, poorly graded, loose to compact, gray, saturated	40.00						0.0
42				9DP		80		
44								0.0
46								0.0
48				10DP		95		
50								0.0
52								0.0
54	- compact at 54.0ft BGS			11DP		90		
56	- with silts at 56.0ft BGS							0.0
58	CH-CLAYS, trace silts, poorly graded, high plasticity, firm, gray, moist	57.00		12DP		100		0.0
60	END OF BOREHOLE @ 60.0ft BGS NOTE: 6.75-8.75' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	60.00	WELL DETAILS Screened interval: 6.00 to 16.00ft BGS Length: 10ft Diameter: 1in Slot Size: 0.010 Material: PVC Seal: 16.00 to 60.00ft BGS Material: BENTONITE CHIPS Sand Pack: 4.00 to 16.00ft BGS Material: SAND					
62								
64								
66								
68								

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: 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: BH24-07
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' -073				0.1
2	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, low plasticity, soft, brown, moist			1DP		50		0.8
4		4.70	2" BOREHOLE					
6	CH-CLAYS, trace fine to coarse sands and fine gravels, poorly graded, high plasticity, soft, moist to very moist							1.1
8				2DP		45		
10	SP-SANDS, fine grained, poorly graded, loose, brown, moist	9.00		8-10' -074				1.1
12	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist - stiff at 13.0ft BGS	10.50		3DP		100		0.6
14	CL-CLAYS, with silts, poorly graded, low plasticity, stiff, brown, very moist - gray at 14.5ft BGS	14.25						0.6
16								0.3
18				4DP		100		
20	END OF BOREHOLE @ 20.0ft BGS NOTE: 8-10' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST	20.00						0.6
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: BH25-07
DATE COMPLETED: October 18, 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	SP-SANDS, fine to medium grained, with fine to coarse gravels, poorly graded, loose, brown, moist			0-2' -089		80		0.0
1.50	CL-SANDY CLAYS, fine grained, with fine to coarse gravels, poorly graded, low plasticity, firm, brown, moist			1DP		100		0.0
5.0	- with fine sands, trace coarse sands and fine gravels at 5.0ft BGS		2" BOREHOLE					0.0
				2DP		100		0.0
				8-10' -090				0.0
12.0	- stiff at 12.0ft BGS			3DP		100		0.0
14.0	- trace silts at 14.0ft BGS							0.0
15.00	SP-SANDS, fine grained, trace silts, poorly graded, soft, brown, moist							
16.0	- fine to medium grained, no silts at 16.0ft BGS			4DP		100		0.0
19.00	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, moist to very moist							0.0
20.00	END OF BOREHOLE @ 20.0ft BGS							
	NOTE: 18-19' INTERVAL TESTED NEGATIVE FOR PRODUCT USING SUDAN IV JAR TEST							

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: BH51-07
DATE COMPLETED: October 18, 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						
	SW/GW-SANDS AND GRAVELS, fine to medium sands, fine to coarse gravels, moderately graded, loose, brown	1.25						0.0
2	CL-CLAYS, with sands, fine to medium grained, with fine gravels, poorly graded, low plasticity, firm, brown, moist			1DP		60		
4	CH-CLAYS, trace fine to coarse sands, poorly graded, high plasticity, firm, brown, moist	4.00						0.0
	- decrease in plasticity, stiff at 5.5ft BGS		2" BOREHOLE					
6								0.0
8				2DP		100		
								0.0
10	- with silts, decrease in sands, firm, very moist at 9.5ft BGS - increase in sands, stiff, moist at 9.7ft BGS							
	- decrease in plasticity at 11.0ft BGS							0.0
12				3DP		95		
14	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist	14.00						0.0
	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

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: BH52-07
DATE COMPLETED: October 18, 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						
	ASPHALT DEBRIS	1.00						0.0
2	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low plasticity, firm, brown, moist			1DP		60		
4	- soft to firm, very moist at 4.5ft BGS							0.0
	CL-CLAYS, with silts, poorly graded, low plasticity, firm, brown, moist	5.00	2" BOREHOLE					
6								0.0
8				2DP		100		
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, firm, brown, very moist to saturated	9.00						0.0
10	- increase in clays, saturated at 10.5ft BGS							
12	CH-CLAYS, trace silts, poorly graded, high plasticity, brown, very moist	12.50		3DP		85		0.0
14								
	SP-SANDS, with silts, fine grained, poorly graded, loose to compact, brown, moist	14.50 15.00						
16	END OF BOREHOLE @ 15.0ft BGS							
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: BH53-07
DATE COMPLETED: October 18, 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					0.0
2	CL-CLAYS, trace fine sands and fine gravels, poorly graded, low to moderate plasticity, soft to firm, brown, very moist	2.00		1DP		100		0.0
4	low plasticity, firm, moist							
6								0.0
8				2DP		80		0.0
10	CH-CLAYS, trace silts, poorly graded, high plasticity, firm, gray, very moist	10.00						0.0
12				3DP		75		
14								0.0
15	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: BH54-07
DATE COMPLETED: October 18, 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	CL-SANDY CLAYS, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	0.30	2" BOREHOLE					0.0
2	SP-SANDS, fine to medium grained, with fine gravels, poorly graded, loose, brown, moist	1.50		1DP		80		0.0
	- increase in fine gravels at 1.0ft BGS	2.50						
4	CL-SANDY CLAYS, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, brown, moist	4.50						0.0
6	ML-SILTS, with clays, poorly graded, no plasticity, loose to compact, brown, moist							
	- compact at 3.0ft BGS							
8	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, brown, moist			2DP		100		0.0
	- very moist at 9.5ft BGS							
10								
	SP-SANDS, fine to medium grained, with coarse grained, trace fine gravels, poorly graded, loose, brown, moist	11.00						0.0
12	CL-SANDY CLAYS, fine to medium grained, with fine gravels, poorly graded, firm, brown, moist	12.00		3DP		95		0.0
14								
	END OF BOREHOLE @ 15.0ft BGS	15.00						
16								
18								
20								
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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: BH55-07
DATE COMPLETED: October 18, 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					
	SW/GW-SANDS AND GRAVELS, fine to medium sands, fine to coarse gravels, moderately graded, loose, brown, moist	1.50						0.0
2	CL/ML-CLAYS AND SILTS, poorly graded, low plasticity, firm, brown, moist			1DP		40		
4								0.0
	CI-CLAYS, with sands, medium to coarse grained, with fine gravels, poorly graded, moderate plasticity, soft, brown, saturated	5.00						
6								0.0
8				2DP		25		
								0.0
10	SP-SANDS, fine to medium grained, poorly graded, loose, brown, moist to very moist	10.00						
								0.0
12				3DP		50		
14								0.0
	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: BH56-07
DATE COMPLETED: October 18, 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	2" BOREHOLE					0.0
	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, stiff, brown, moist			1DP		90		0.0
								0.0
				2DP		95		0.0
		9.00						0.0
	ML-SILTS, with clays, poorly graded, no plasticity, firm, brown, very moist							
	- with fine sands, no clays at 9.8ft BGS	10.00						
	CL/ML-CLAYS AND SILTS, poorly graded, no plasticity, brown, very moist to saturated			3DP		100		0.0
								0.0
	END OF BOREHOLE @ 15.0ft BGS	15.00						

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: BH57-07
DATE COMPLETED: October 18, 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	2" BOREHOLE	0-2' -088				0.0
2	CI-CLAYS, trace fine sands, silts and fine gravels, poorly graded, moderate plasticity, stiff, gray, moist, slight petroleum-like odor			1DP		95		0.0
4								
6	- brown, no odor at 5.0ft BGS							0.0
8	SP-SANDS, fine grained with silts, poorly graded, loose to compact, brown, saturated	7.00		2DP		90		0.0
10	CL-CLAYS, with silts, poorly graded, low to moderate plasticity, soft, very moist	8.50						0.0
12				3DP		60		0.0
14								0.0
16	END OF BOREHOLE @ 15.0ft BGS	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: BH58-07
DATE COMPLETED: October 18, 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					
	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, dark gray, moist	1.50						0.0
2		2.00						
	SP-SANDS, fine to medium grained, with coarse grained, trace fine gravels, poorly graded, loose, brown, moist	2.50		1DP		90		
4		4.00						0.0
	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, low plasticity, firm, dark gray, moist							
6	ML-SILTS, with sands, fine grained, poorly graded, compact, brown, saturated							0.0
	CL-CLAYS, trace silts, poorly graded, low plasticity, firm, brown, very moist			2DP		100		
8	- increase in silts, very moist t osaturated at 5.0ft BGS							0.0
10	- decrease in silts, very moist at 6.5ft BGS							
								0.0
12				3DP		100		
	SP-SANDS, fine to medium grained, poorly graded, compact, brown, moist	14.00						0.0
14		15.00						
	END OF BOREHOLE @ 15.0ft BGS							
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: BH59-07
DATE COMPLETED: October 18, 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	SC-CLAYEY SANDS, fine to medium grained, with fine gravels, poorly graded, loose to compact, brown, moist							0.0
2	- decrease in clays, loose at 2.5ft BGS - increase in clays, compact at 3.0ft BGS			1DP		50		0.0
4			2" BOREHOLE					
6								0.0
8	SP-SANDS, trace silts, fine grained, poorly graded, loose, brown, moist	7.50		2DP		90		
10	- increase in silts, very moist at 8.0ft BGS - decrease in silts at 8.5ft BGS	9.50						0.0
12	CL-CLAYS, with silts, poorly graded, moderate plasticity, firm, brown, very moist	12.00		3DP		80		0.0
14	SP-SANDS, fine to medium grained, with coarse grained, trace fine gravels, poorly graded, loose, brown, moist							0.0
16	END OF BOREHOLE @ 15.0ft BGS	15.00						
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: BH60-07 (REFUSAL LOCATION)
DATE COMPLETED: October 18, 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	SC-CLAYEY SANDS, fine to medium grained, with fine gravels, poorly graded, loose to compact, brown, moist	0.50	2" BOREHOLE	1DP		80		0.0
	SP-SANDS, with gravels, fine to medium sands, fine to coarse gravels, poorly graded, loose, brown, moist	1.25 / 1.50 / 2.00						
	CONCRETE DEBRIS	3.00						
	ASPHALT DEBRIS							
	WOOD DEBRIS							
	- REFUSAL at 3.0ft BGS							
	END OF BOREHOLE @ 3.0ft BGS							

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: 17322
CLIENT: ENCORE
LOCATION: PONTIAC, MICHIGAN

HOLE DESIGNATION: BH60-07
DATE COMPLETED: October 18, 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	SC-CLAYEY SANDS, fine to medium grained, with fine gravels, poorly graded, loose to compact, brown, moist	0.50	2" BOREHOLE					0.0
		1.25						
2	SP-SANDS, with gravels, fine to medium sands, fine to coarse gravels, poorly graded, loose, brown, moist	1.50		1DP		50		
		2.00						0.0
4	CONCRETE DEBRIS							
	ASPHALT DEBRIS							
	CL-CLAYS, with sands, fine to medium grained, trace fine gravels, poorly graded, firm, brown							0.0
6								
				2DP		95		
8	- very moist at 8.5ft BGS							0.0
10								
		11.00						0.0
12	SP-SANDS, with clays, fine grained, poorly graded, loose to compact, brown, very moist							
	- increase in clays at 11.5ft BGS	12.50		3DP		75		
	- decrease in clays, saturated at 11.7ft BGS							
14	- fine to medium grained, with coarse grained, saturated at 12.0ft BGS							0.0
	CI-CLAYS, with sands, fine to medium grained, with coarse grained and fine gravels, poorly graded, moderate plasticity, soft, brown, saturated	15.00						
16	- very moist at 14.8ft BGS							
18	END OF BOREHOLE @ 15.0ft BGS							
20								
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24								
26								
28								
30								
32								
34								

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

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

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

HOLE DESIGNATION: BH92-08
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)
	CONCRETE	0.50						0.4
	ASPHALT	0.70						
	CL-CLAYS, with fine sands, trace fine gravels, poorly graded, low plasticity, stiff, brown, moist	1.20						
2	ASPHALT	1.70		1DP		85		1.4
	CL-CLAYS, with fine sands, trace fine gravels, poorly graded, low plasticity, firm to stiff, brown, moist		2" BOREHOLE					2.6
4								
6								0.6
	- decrease in sands at 8.0ft BGS			2DP		70		
8				7.5-9.5' -062				7.3
	SP-SANDS, with clays, fine grained, poorly graded, compact, brown, very moist	9.00						
10	- black staining at 9.3ft BGS	9.50						4.3
	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, very moist to saturated							
12		12.50		3DP		85		1.3
	- saturated, slight staining and odor at 10.0ft BGS	13.00						
14	- no staining or odor at 11.5ft BGS							2.4
	SP-SANDS, fine grained, trace coarse grained, poorly graded, loose, brown, moist to very moist							
16								0.9
	CL-CLAYS, trace fine sands and silts, poorly graded, low plasticity, firm, brown, very moist to saturated	17.00		4DP		80		
18	SP-SANDS, fine grained, trace medium to coarse grained, poorly graded, compact, brown, saturated							1.1
20	- moist to very moist at 17.3ft BGS	20.00						
	- moist at 17.5ft BGS							
22	END OF BOREHOLE @ 20.0ft BGS							
	NOTE: 7.5-9.5' 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 10/8/08

TEST PIT STRATIGRAPHIC AND INSTRUMENTATION LOG

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

HOLE DESIGNATION: TP1-07
DATE COMPLETED: October 10, 2007
TEST PIT METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEST PIT	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE PID (ppm)
0	SP-SANDS, with gravels, some brick debris, piece of plywood				1.5	1.7
2			3' BOREHOLE			
4	- clays at 4.0ft BGS				4.5	2.7
6	- clear poly sheeting (2 layers approx. 1' apart), petroleum-like odor through sheeting at 4.8ft BGS			-019	6.0	
8	- concrete debris and wood brick floor (appears to be intact) at 7.0ft BGS			-020	7.0	0.8
10					9.0	6.8
12	END OF TEST PIT @ 10.0ft BGS	10.00		-017 -018	10.0	
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)

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

TEST PIT STRATIGRAPHIC AND INSTRUMENTATION LOG

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

HOLE DESIGNATION: TP2-07
DATE COMPLETED: October 10, 2007
TEST PIT METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEST PIT	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE PID (ppm)
	SP-SANDS, with gravels, some clays, trace asphalt and brick debris, trace rebar				1.5	2.1
2	- large chunks of concrete, large concrete brick and curbs (from parking area) at 2.5ft BGS		3' BOREHOLE	-024	3.0	
4	- clays at 5.0ft BGS			-022	4.5 5.0	2.3
6	- CONCRETE STRUCTURE at 6.5ft BGS	6.50		-021 -023	6.5 7.0	1.9
	END OF TEST PIT @ 6.5ft 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)

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

TEST PIT STRATIGRAPHIC AND INSTRUMENTATION LOG

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

HOLE DESIGNATION: TP3-07
DATE COMPLETED: October 10, 2007
TEST PIT METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEST PIT	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE PID (ppm)
0	SP-SANDS, with gravels, some clays, trace asphalt and brick debris, dark brown, moist				1.5	3.4
2				-024	3.0	
4			3' BOREHOLE		4.5	2.7
6						
	- CONCRETE at 7.0ft BGS	7.00		-023	7.0	2.9
8	END OF TEST PIT @ 7.0ft BGS					
10						
12						
14						
16						
18						
20						
22						
24						
26						
28						
30						
32						
34						

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

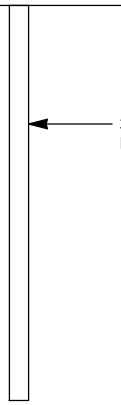
CHEMICAL ANALYSIS (-024)

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

TEST PIT STRATIGRAPHIC AND INSTRUMENTATION LOG

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

HOLE DESIGNATION: TP4-07
DATE COMPLETED: October 10, 2007
TEST PIT METHOD: DIRECT PUSH
FIELD PERSONNEL: C. BONDY

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft BGS	TEST PIT	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE PID (ppm)
0	SP-SANDS, some clays, with fine to coarse gravels, trace rebar, asphalt and brick debris, black to dark brown in color, moist				1.5	2.5
2						
4					4.5	2.5
				-016	5.0	
6		6.50				
	CL-CLAYS, with fine sands, low plasticity, light brown, moist				7.0	3.8
8						
10	END OF TEST PIT @ 10.0ft BGS	10.00		-015	10.0	
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 ( )

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

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: MW2-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 12.95′ **ELEVATION:**

BOTTOM DEPTH: 24.97′ **ELEVATION:**

WATER COLUMN LENGTH: 12.02′

SCREENED INTERVAL: 12 – 25′ bgs

WELL VOLUME: ~ 0.48 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	0.48	0.48	0.48	0.48	0.48	0.48	3.0
FIELD pH:		6.83	6.79	6.80	6.82	6.82	6.82	
FIELD TEMPERATURE:	Celcius	15.22	15.33	15.24	15.21	15.18	15.17	
FIELD CONDUCTIVITY:	mS/cm	5.03	6.10	6.21	6.28	6.30	6.25	
CLARITY/TURBIDITY VALUES:	NTU	13.2	9.18	6.88	4.95	3.84	3.30	
COLOR:								
ODOR:								
COMMENTS:		Purged 0.5 gal on 10/23/08. Setup for low flow development and well drawing down at 250mL/min for first 3, then 200mL/min for second 3. All parameters stable - well developed.						~ 3.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

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

DATE OF WELL DEVELOPMENT: 10/25/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW04-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 5.25′ **ELEVATION:**

BOTTOM DEPTH: 14.89′ **ELEVATION:**

WATER COLUMN LENGTH: 9.64′

SCREENED INTERVAL: 5.5 – 15.5′ bgs

WELL VOLUME: ~ 0.4 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	0.4	0.4	0.4			3.0
FIELD pH:		8.65	8.85	8.36			
FIELD TEMPERATURE:	Celcius	18.54	18.52	18.09			
FIELD CONDUCTIVITY:	mS/cm	0.916	0.862	0.808			
CLARITY/TURBIDITY VALUES:	NTU	18.4	34.9	32.0			
COLOR:							
ODOR:							
COMMENTS:		Setup for low flow development and well drawing down at 100mL/min. Increase flow to 400mL/min and collect 3 volumes. Lowered tubing and purged well dry.					~ 3 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: MW7-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 12.02′ **ELEVATION:**

BOTTOM DEPTH: 14.48′ **ELEVATION:**

WATER COLUMN LENGTH: 2.46′

SCREENED INTERVAL: 10 – 15′ 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		1.0
FIELD pH:		6.86	6.85	6.84	6.83		
FIELD TEMPERATURE:	Celcius	16.38	16.30	16.54	16.29		
FIELD CONDUCTIVITY:	mS/cm	4.70	4.69	4.70	4.69		
CLARITY/TURBIDITY VALUES:	NTU	1.71	3.59	2.17	1.14		
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.					~ 1.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

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

DATE OF WELL DEVELOPMENT: 10/25/07 and 10/26/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW10-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 0.1′ **ELEVATION:**

BOTTOM DEPTH: 6.79′ **ELEVATION:**

WATER COLUMN LENGTH: 6.69′

SCREENED INTERVAL: 3.5 – 13.5′ 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	***10/25/07*** 0.27	***10/26/07*** 0.27	***10/26/07*** 0.27			5.0
FIELD pH:		8.36	9.48	9.61			
FIELD TEMPERATURE:	Celcius	17.10	6.64	6.02			
FIELD CONDUCTIVITY:	mS/cm	0.627	0.580	0.583			
CLARITY/TURBIDITY VALUES:	NTU	Over range	201	111			
COLOR:							
ODOR:							
COMMENTS:		Purged 4.0 gal on 10/23/07 and ~ 1.0 gal on 10/25/07. Setup for low flow development and well drawing down at 100mL/min. Turbidity too high.					9.0 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: MW11-07
WELL TYPE (diameter/material) 1″ PVC
MEASURING POINT ELEVATION: TOR
STATIC WATER DEPTH: 5.03′
ELEVATION:
BOTTOM DEPTH: 11.00′
ELEVATION:
WATER COLUMN LENGTH: 5.97′
SCREENED INTERVAL: 7 – 12′ bgs
WELL VOLUME: ~ 0.24 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	0.24	0.24	0.24	0.24	0.24	2.0
FIELD pH:		7.04	7.07	Dry	Dry	7.26	
FIELD TEMPERATURE:	Celcius	18.56	18.51	Dry	Dry	17.96	
FIELD CONDUCTIVITY:	mS/cm	2.53	2.48	Dry	Dry	2.50	
CLARITY/TURBIDITY VALUES:	NTU	312	Over range	Dry	Dry	Over range	
COLOR:							
ODOR:							
COMMENTS:		Purged 2 gal on 10/23/08. Setup for low flow development and well drawing down at 250mL/min. Purged well dry. 3 volumes removed, well very turbid.					~ 4.0 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

PROJECT NAME: GM Validation
PROJECT NO.: 17322
DATE OF WELL DEVELOPMENT: 10/23/07 – 10/25/07
DEVELOPMENT CREW MEMBERS: Corrie Bondy
PURGING METHOD: Peristaltic pump
SAMPLE NO.:
SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW11-07
WELL TYPE (diameter/material) 1″ PVC
MEASURING POINT ELEVATION: TOR
STATIC WATER DEPTH: 5.34′
ELEVATION:
BOTTOM DEPTH: 11.42′
ELEVATION:
WATER COLUMN LENGTH: 6.08′
SCREENED INTERVAL: 7 – 12 bgs
WELL VOLUME: ~ 0.24 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	0.24	0.24	0.24			1.5
FIELD pH:		7.12	7.00	Dry			
FIELD TEMPERATURE:	Celcius	17.77	18.45	Dry			
FIELD CONDUCTIVITY:	mS/cm	2.61	2.48	Dry			
CLARITY/TURBIDITY VALUES:	NTU	361	224	Dry			
COLOR:							
ODOR:							
COMMENTS:		Purged 2 gal on 10/23/08 and 2 gal on 10/24/08. Setup for low flow development and well drawing down at 300mL/min. Purged well dry. 3 volumes removed, well very turbid.					~ 5.5 gal in total

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

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

DATE OF WELL DEVELOPMENT: 11/28/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW13-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 15.51′ **ELEVATION:**

BOTTOM DEPTH: 16.87′ **ELEVATION:**

WATER COLUMN LENGTH: 1.36′

SCREENED INTERVAL: 7 – 14′ bgs

WELL VOLUME: ~ 0.05 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						*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:		Purged 0.15 gal in total, well went dry.					

COPIES TO:

WELL DEVELOPMENT AND STABILIZATION FORM

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

DATE OF WELL DEVELOPMENT: 11/26/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW16-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: Dry **ELEVATION:**

BOTTOM DEPTH: 15.22′ **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 6 – 16′ 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						*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: 11/26/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW20-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: Dry **ELEVATION:**

BOTTOM DEPTH: 13.71′ **ELEVATION:**

WATER COLUMN LENGTH:

SCREENED INTERVAL: 6.5 – 13′ 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						*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: 10/23/07

DEVELOPMENT CREW MEMBERS: Corrie Bondy

PURGING METHOD: Peristaltic pump

SAMPLE NO.:

SAMPLE TIME:

WELL INFORMATION

WELL NUMBER: MW20-07

WELL TYPE (diameter/material) 1″ PVC

MEASURING POINT ELEVATION: TOR

STATIC WATER DEPTH: 10.26′ **ELEVATION:**

BOTTOM DEPTH: 13.82′ **ELEVATION:**

WATER COLUMN LENGTH: 3.56′

SCREENED INTERVAL: 6.5 – 13′ 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						*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:		Purged 0.5 gal in total, well went dry.					

COPIES TO:

MONITORING WELL RECORD FOR LOW-FLOW PURGING

Project Data:

Project Name: GM Validation
Ref. No.: 17322
Date: November 28, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW2-07**
Measurement Point: TOR
Constructed Well Depth (ft): 25.00
Measured Well Depth (ft): 24.88
Depth of Sediment (ft):
Screen Length (ft): 13
Depth to Pump Intake (ft)[1]: 22.88
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.52
Initial Depth to Water (ft): 12.7

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)*
10:20	100	13.11	0.41	6.64	10.98	6.12	-131	0.63	2.63
10:25	100	13.11	0.41	6.52	11.03	6.16	-123	0.53	2.33
10:30	100	13.11	0.41	6.50	10.94	6.21	-119	0.51	1.68
10:35	100	13.11	0.41	6.49	10.99	6.25	-116	0.48	1.68
	sample ID: GW-17322-112807-CB-008 @ 1040 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: November 28, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW4-07**
Measurement Point: TOR
Constructed Well Depth (ft): 15.50
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): 4.99

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	400	5.88	0.89	8.12	14.21	1.182	-74	0.94	37.5
14:25	400	7.43	2.44	8.70	14.35	1.46	-75	0.75	7.0
14:30	400	9.48	4.49	8.91	15.24	1.428	-110	0.35	8.6
14:35	dry-lower tubing to purge completely								
	sample ID: GW-17322-112807-CB-009 @ 1250 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: November 28, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW7-07**
Measurement Point: TOR
Constructed Well Depth (ft): 15.00
Measured Well Depth (ft): 14.47
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 12.47
Well Diameter, D (in): 1
Well Screen Volume, V_s (gal): ~ 0.2
Initial Depth to Water (ft): 12.07

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)*
9:40	100	12.13	0.06	6.52	10.52	4.58	-134	1.22	2.73
9:45	100	12.13	0.06	6.49	11.89	4.47	-137	1.04	1.91
9:50	100	12.13	0.06	6.49	11.90	4.46	-139	1	1.90
9:55	100	12.13	0.06	6.49	12.34	4.46	-135	0.92	1.28
	sample ID: GW-17322-112807-CB-007 @ 955 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: November 27, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW10-07**
Measurement Point: TOR
Constructed Well Depth (ft): 13.50
Measured Well Depth (ft): 6.79
Depth of Sediment (ft):
Screen Length (ft): 10
Depth to Pump Intake (ft)[1]: 4.79
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.4
Initial Depth to Water (ft): 0.05

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)*
11:35	100	0.30	0.25	8.25	5.85	0.477	-81	8.94	46.60
11:40	100	0.30	0.25	8.61	5.90	0.477	-73	8.95	48.30
11:45	100	0.30	0.25	8.95	5.91	0.476	-62	8.47	45.30
11:50	well not stabilizing, will allow it to pump and will return to it later								
14:10	100	0.30	0.25	9.84	5.37	0.478	-86	8.79	37.70
14:20	100	0.30	0.25	9.79	5.36	0.48	-47	8.72	33.50
14:25	100	0.30	0.25	9.81	5.33	0.48	-47	8.98	33.50
14:30	100	0.30	0.25	9.76	5.19	0.48	-38	9.16	33.10
11/27/070	Initial Turbidity = 675 NTU								
	Well has been pumping since 850, will go ahead and collect sample.								
	sample ID: GW-17322-112707-CB-0004 @ 1403 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: November 27, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW11-07**
Measurement Point: TOR
Constructed Well Depth (ft): 12.00
Measured Well Depth (ft): 11.04
Depth of Sediment (ft):
Screen Length (ft): 5
Depth to Pump Intake (ft)[1]: 9.04
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)*
13:46	250	6.57	1.24	7.95	12.42	2.59	-45	-1.29	454.0
13:50	250	8.81	3.48	7.71	13.85	2.56	-68	0.43	301.0
13:54	dry-lower tubing and purge completely								
	sample ID: GW-17322-112707-CB-002 @ 1025 for TCL VOCs, TCL SVOCs, TCL PCBs, Site specific TAL Metals,								
	hexavalent and trivalent chromium and amenable cyanide								
	Note: initial DTW: 4.93' and turbidity of 183 which dropped to 50.1 before collecting metals								

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.: **MW13-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 16.87
Depth of Sediment (ft):
Screen Length (ft): 7
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.28
Initial Depth to Water (ft): 15.51

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: November 26, 2007
Personnel: C. Bondy

Monitoring Well Data:

Well No.: **MW16-07**
Measurement Point: TOR
Constructed Well Depth (ft): 16.00
Measured Well Depth (ft): 15.22
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.: **MW20-07**
Measurement Point: TOR
Constructed Well Depth (ft):
Measured Well Depth (ft): 13.71
Depth of Sediment (ft):
Screen Length (ft): 6.5
Depth to Pump Intake (ft)[1]:
Well Diameter, D (in): 1"
Well Screen Volume, V_s (gal): ~ 0.26
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)*
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.

APPENDIX C

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***

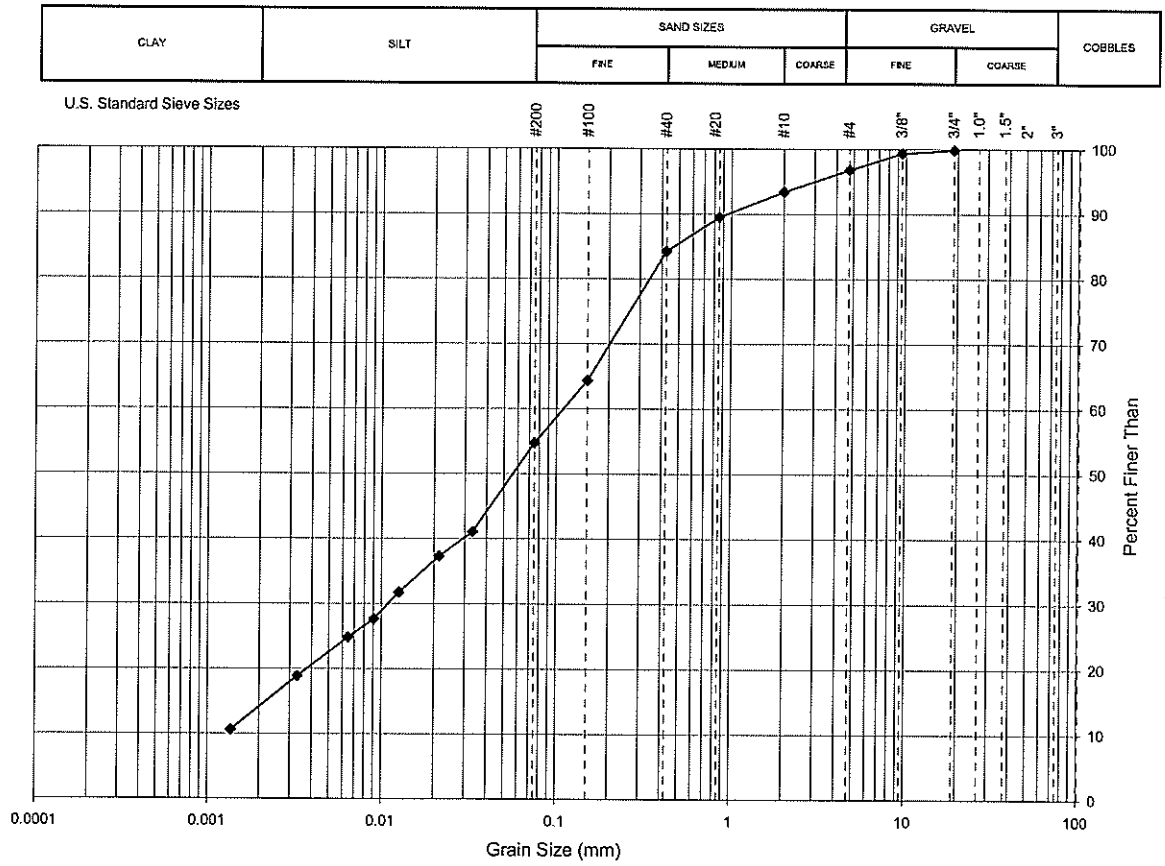
ENCLOSURE No.: 1

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 %		

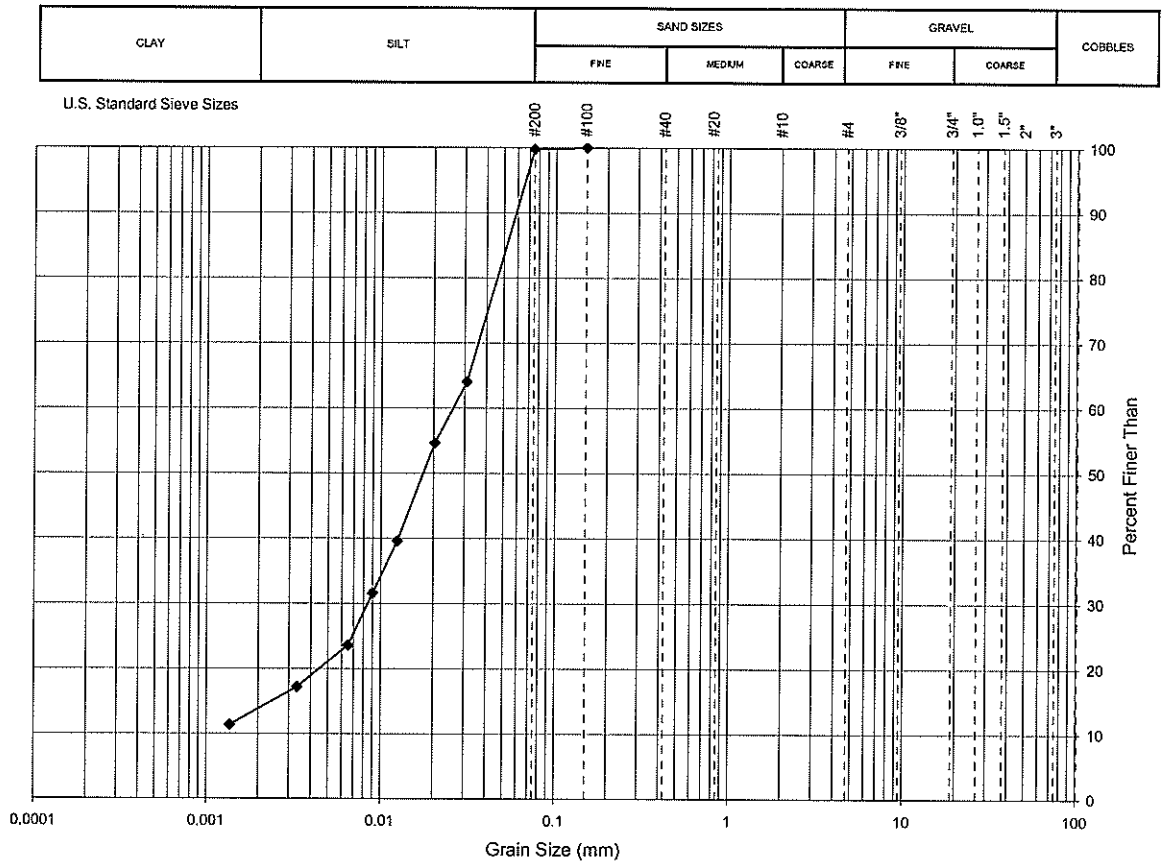
ENCLOSURE No.: 2

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 %		

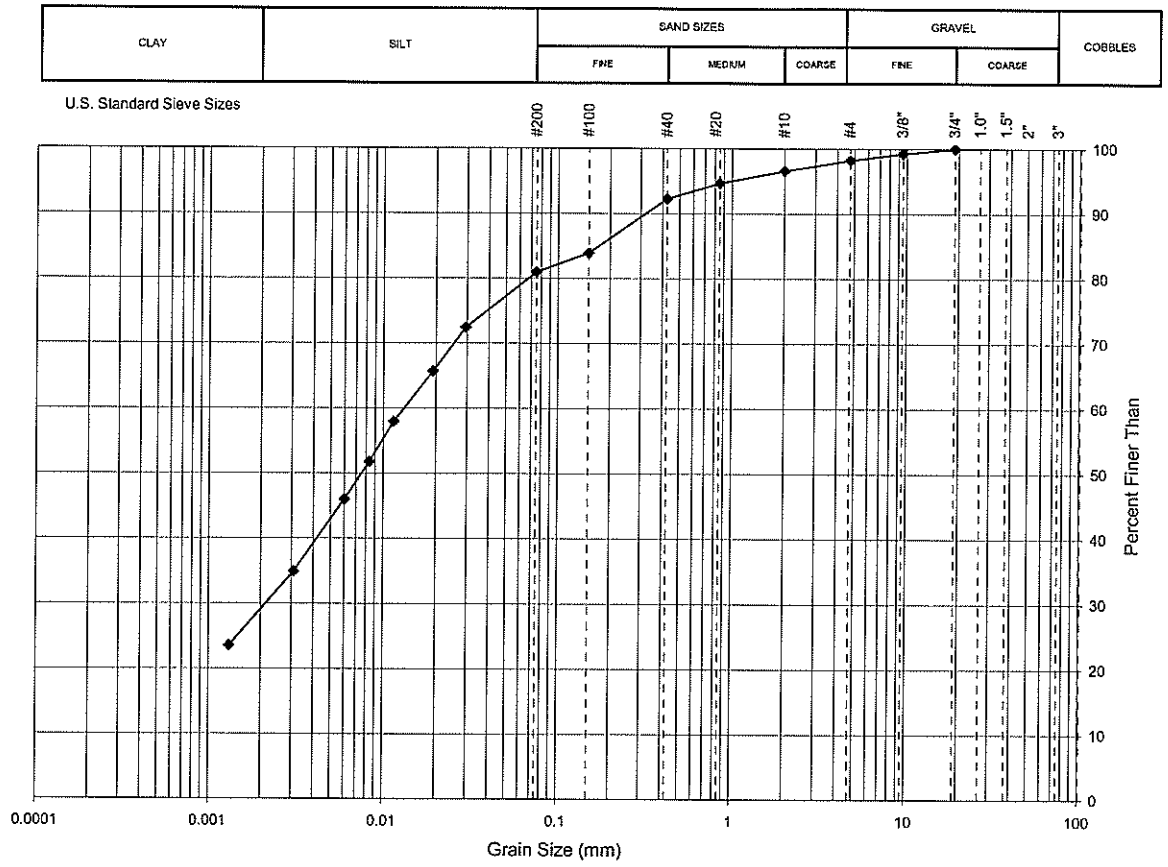
ENCLOSURE No.: 3

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 D

ANALYTICAL DATA REPORTS

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J110203

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 18, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J110203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-015 10/10/07 09:40 001				
Trivalent Chromium	7.7	0.47	mg/kg	SW846 7196A
Silver	0.048 B	0.095	mg/kg	SW846 6020
Arsenic	3.3	0.095	mg/kg	SW846 6020
Antimony	0.067 B,J	0.19	mg/kg	SW846 6020
Selenium	0.15 B	0.20	mg/kg	SW846 6020
Thallium	0.13	0.095	mg/kg	SW846 6020
Zinc	25.0	0.95	mg/kg	SW846 6020
Aluminum	3650	18.9	mg/kg	SW846 6010B
Barium	17.2 J	0.95	mg/kg	SW846 6010B
Calcium	94900	2360	mg/kg	SW846 6010B
Cadmium	0.15	0.095	mg/kg	SW846 6010B
Cobalt	4.6	0.47	mg/kg	SW846 6010B
Chromium	8.1	0.47	mg/kg	SW846 6010B
Copper	17.1	0.95	mg/kg	SW846 6010B
Iron	10200	9.5	mg/kg	SW846 6010B
Potassium	618	473	mg/kg	SW846 6010B
Magnesium	15700	94.6	mg/kg	SW846 6010B
Manganese	370 J	0.95	mg/kg	SW846 6010B
Sodium	368	94.6	mg/kg	SW846 6010B
Nickel	10.2	0.95	mg/kg	SW846 6010B
Lead	5.6	0.28	mg/kg	SW846 6010B
Vanadium	11.4	0.95	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	29 J	59	ug/kg	SW846 8270C
Hexavalent Chromium	0.49 B	0.95	mg/kg	SW846 7196A
Percent Solids	84.6	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-016 10/10/07 09:45 002				
Aroclor 1254	610	75	ug/kg	SW846 8082
Trivalent Chromium	12.1	0.46	mg/kg	SW846 7196A
Silver	0.097	0.091	mg/kg	SW846 6020
Arsenic	4.9	0.091	mg/kg	SW846 6020
Antimony	0.57 J	0.18	mg/kg	SW846 6020
Selenium	0.40	0.19	mg/kg	SW846 6020
Thallium	0.15	0.091	mg/kg	SW846 6020
Zinc	104	0.91	mg/kg	SW846 6020
Mercury	0.092	0.046	mg/kg	SW846 7471A
Aluminum	5070	18.3	mg/kg	SW846 6010B
Barium	54.9 J	0.91	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J110203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-016 10/10/07 09:45 002				
Beryllium	0.14 B	0.18	mg/kg	SW846 6010B
Calcium	29800	456	mg/kg	SW846 6010B
Cadmium	0.33	0.091	mg/kg	SW846 6010B
Cobalt	6.2	0.46	mg/kg	SW846 6010B
Chromium	12.9	0.46	mg/kg	SW846 6010B
Copper	22.9	0.91	mg/kg	SW846 6010B
Iron	10400	9.1	mg/kg	SW846 6010B
Potassium	620	456	mg/kg	SW846 6010B
Magnesium	10100	91.3	mg/kg	SW846 6010B
Manganese	208 J	0.91	mg/kg	SW846 6010B
Sodium	408	91.3	mg/kg	SW846 6010B
Nickel	11.7	0.91	mg/kg	SW846 6010B
Lead	61.9	0.27	mg/kg	SW846 6010B
Vanadium	14.7	0.91	mg/kg	SW846 6010B
Anthracene	61	19	ug/kg	SW846 8270C
Benzo(a)anthracene	140	19	ug/kg	SW846 8270C
Benzo(a)pyrene	160	19	ug/kg	SW846 8270C
Benzo(b)fluoranthene	240	19	ug/kg	SW846 8270C
Benzo(ghi)perylene	140	19	ug/kg	SW846 8270C
Benzo(k)fluoranthene	85	19	ug/kg	SW846 8270C
Chrysene	220	19	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	32	19	ug/kg	SW846 8270C
Fluoranthene	340	19	ug/kg	SW846 8270C
Fluorene	24	19	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	19	ug/kg	SW846 8270C
2-Methylnaphthalene	130	19	ug/kg	SW846 8270C
Naphthalene	80	19	ug/kg	SW846 8270C
Phenanthrene	250	19	ug/kg	SW846 8270C
Pyrene	270	19	ug/kg	SW846 8270C
Acetone	35	19	ug/kg	SW846 8260B
2-Butanone	7.2 J	19	ug/kg	SW846 8260B
Carbon disulfide	0.60 J	4.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.79 B	0.91	mg/kg	SW846 7196A
Cyanide, Total	2.9	0.23	mg/kg	SW846 9012A
Percent Solids	87.6	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-017 10/10/07 11:15 003				
Aroclor 1260	49	41	ug/kg	SW846 8082
Trivalent Chromium	16.0	0.50	mg/kg	SW846 7196A
Silver	0.098 B	0.099	mg/kg	SW846 6020

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-017 10/10/07 11:15 003				
Arsenic	5.1	0.099	mg/kg	SW846 6020
Antimony	0.31 J	0.20	mg/kg	SW846 6020
Thallium	0.14	0.099	mg/kg	SW846 6020
Zinc	152	0.99	mg/kg	SW846 6020
Mercury	0.058	0.050	mg/kg	SW846 7471A
Aluminum	5390	19.9	mg/kg	SW846 6010B
Barium	44.8 J	0.99	mg/kg	SW846 6010B
Beryllium	0.074 B	0.20	mg/kg	SW846 6010B
Calcium	54400	497	mg/kg	SW846 6010B
Cadmium	0.30	0.099	mg/kg	SW846 6010B
Cobalt	5.8	0.50	mg/kg	SW846 6010B
Chromium	16.7	0.50	mg/kg	SW846 6010B
Copper	67.0	0.99	mg/kg	SW846 6010B
Iron	16000	9.9	mg/kg	SW846 6010B
Potassium	786	497	mg/kg	SW846 6010B
Magnesium	10200	99.4	mg/kg	SW846 6010B
Manganese	317 J	0.99	mg/kg	SW846 6010B
Sodium	543	99.4	mg/kg	SW846 6010B
Nickel	38.2	0.99	mg/kg	SW846 6010B
Lead	139	0.30	mg/kg	SW846 6010B
Vanadium	15.3	0.99	mg/kg	SW846 6010B
Acenaphthene	44	33	ug/kg	SW846 8270C
Anthracene	100	33	ug/kg	SW846 8270C
Benzo(a)anthracene	390	33	ug/kg	SW846 8270C
Benzo(a)pyrene	430	33	ug/kg	SW846 8270C
Benzo(b)fluoranthene	620	33	ug/kg	SW846 8270C
Benzo(ghi)perylene	360	33	ug/kg	SW846 8270C
Benzo(k)fluoranthene	170	33	ug/kg	SW846 8270C
Chrysene	380	33	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	84	33	ug/kg	SW846 8270C
Fluoranthene	770	33	ug/kg	SW846 8270C
Fluorene	53	33	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	280	33	ug/kg	SW846 8270C
2-Methylnaphthalene	42	33	ug/kg	SW846 8270C
Phenanthrene	370	33	ug/kg	SW846 8270C
Pyrene	600	33	ug/kg	SW846 8270C
1,4-Dichlorobenzene	12 J	91	ug/kg	SW846 8260B
Ethylbenzene	17 J	46	ug/kg	SW846 8260B
Isopropylbenzene	69 J	230	ug/kg	SW846 8260B
Methyl acetate	68 J	1100	ug/kg	SW846 8260B
Tetrachloroethene	20 J	46	ug/kg	SW846 8260B
Toluene	27 J	91	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	50 J	91	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-017 10/10/07 11:15 003				
1,3,5-Trimethylbenzene	43 J	91	ug/kg	SW846 8260B
Xylenes (total)	91 J	140	ug/kg	SW846 8260B
Hexavalent Chromium	0.74 B	0.99	mg/kg	SW846 7196A
Cyanide, Total	0.31	0.25	mg/kg	SW846 9012A
Percent Solids	80.5	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-018 10/10/07 11:20 004				
Aroclor 1260	180	52	ug/kg	SW846 8082
Trivalent Chromium	67.4	0.63	mg/kg	SW846 7196A
Silver	0.44	0.13	mg/kg	SW846 6020
Arsenic	11.4	0.13	mg/kg	SW846 6020
Antimony	1.5 J	0.25	mg/kg	SW846 6020
Selenium	1.2	0.27	mg/kg	SW846 6020
Thallium	0.28	0.13	mg/kg	SW846 6020
Zinc	411	1.3	mg/kg	SW846 6020
Mercury	0.39	0.063	mg/kg	SW846 7471A
Aluminum	9920	25.3	mg/kg	SW846 6010B
Barium	263 J	1.3	mg/kg	SW846 6010B
Beryllium	0.26	0.25	mg/kg	SW846 6010B
Calcium	42700	634	mg/kg	SW846 6010B
Cadmium	1.4	0.13	mg/kg	SW846 6010B
Cobalt	12.9	0.63	mg/kg	SW846 6010B
Chromium	67.4	0.63	mg/kg	SW846 6010B
Copper	404	1.3	mg/kg	SW846 6010B
Iron	39300	12.7	mg/kg	SW846 6010B
Potassium	1650	634	mg/kg	SW846 6010B
Magnesium	11900	127	mg/kg	SW846 6010B
Manganese	391 J	1.3	mg/kg	SW846 6010B
Sodium	711	127	mg/kg	SW846 6010B
Nickel	123	1.3	mg/kg	SW846 6010B
Lead	835	0.38	mg/kg	SW846 6010B
Vanadium	28.3	1.3	mg/kg	SW846 6010B
Acenaphthene	130000	5300	ug/kg	SW846 8270C
Anthracene	200000	5300	ug/kg	SW846 8270C
Benzo(a)anthracene	350000	5300	ug/kg	SW846 8270C
Benzo(a)pyrene	270000	5300	ug/kg	SW846 8270C
Benzo(b)fluoranthene	360000	5300	ug/kg	SW846 8270C
Benzo(ghi)perylene	150000	5300	ug/kg	SW846 8270C
Benzo(k)fluoranthene	170000	5300	ug/kg	SW846 8270C
Carbazole	130000	40000	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-018 10/10/07 11:20 004				
Chrysene	350000	5300	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	47000	5300	ug/kg	SW846 8270C
Dibenzofuran	79000	40000	ug/kg	SW846 8270C
Fluoranthene	960000	5300	ug/kg	SW846 8270C
Fluorene	150000	5300	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	130000	5300	ug/kg	SW846 8270C
2-Methylnaphthalene	36000	5300	ug/kg	SW846 8270C
Phenanthrene	900000	5300	ug/kg	SW846 8270C
Pyrene	700000	5300	ug/kg	SW846 8270C
Isopropylbenzene	92 J	340	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	66 J	140	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	63 J	140	ug/kg	SW846 8260B
Xylenes (total)	83 J	210	ug/kg	SW846 8260B
Cyanide, Total	1.4	0.32	mg/kg	SW846 9012A
Percent Solids	63.1	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-019 10/10/07 11:30 005				
Trivalent Chromium	8.4	0.44	mg/kg	SW846 7196A
Silver	0.060 B	0.089	mg/kg	SW846 6020
Arsenic	4.1	0.089	mg/kg	SW846 6020
Antimony	0.099 B,J	0.18	mg/kg	SW846 6020
Thallium	0.15	0.089	mg/kg	SW846 6020
Zinc	57.1	0.89	mg/kg	SW846 6020
Mercury	0.022 B	0.044	mg/kg	SW846 7471A
Aluminum	5660	17.7	mg/kg	SW846 6010B
Barium	35.6 J	0.89	mg/kg	SW846 6010B
Beryllium	0.056 B	0.18	mg/kg	SW846 6010B
Calcium	52200	443	mg/kg	SW846 6010B
Cadmium	0.21	0.089	mg/kg	SW846 6010B
Cobalt	5.9	0.44	mg/kg	SW846 6010B
Chromium	11.5	0.44	mg/kg	SW846 6010B
Copper	17.2	0.89	mg/kg	SW846 6010B
Iron	12600	8.9	mg/kg	SW846 6010B
Potassium	1070	443	mg/kg	SW846 6010B
Magnesium	11500	88.6	mg/kg	SW846 6010B
Manganese	363 J	0.89	mg/kg	SW846 6010B
Sodium	552	88.6	mg/kg	SW846 6010B
Nickel	17.3	0.89	mg/kg	SW846 6010B
Lead	14.0	0.27	mg/kg	SW846 6010B
Vanadium	15.3	0.89	mg/kg	SW846 6010B
Acenaphthene	140	74	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-019 10/10/07 11:30 005				
Benzo(a)pyrene	140	74	ug/kg	SW846 8270C
Benzo(b)fluoranthene	150	74	ug/kg	SW846 8270C
Benzo(k)fluoranthene	100	74	ug/kg	SW846 8270C
Chrysene	93	74	ug/kg	SW846 8270C
Fluoranthene	300	74	ug/kg	SW846 8270C
Fluorene	96	74	ug/kg	SW846 8270C
2-Methylnaphthalene	110	74	ug/kg	SW846 8270C
Phenanthrene	250	74	ug/kg	SW846 8270C
Pyrene	280	74	ug/kg	SW846 8270C
Cyclohexane	50 J	1100	ug/kg	SW846 8260B
Ethylbenzene	8.1 J	44	ug/kg	SW846 8260B
Methylcyclohexane	79 J	1100	ug/kg	SW846 8260B
Toluene	18 J	89	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	43 J	89	ug/kg	SW846 8260B
Xylenes (total)	70 J	130	ug/kg	SW846 8260B
Hexavalent Chromium	3.1	0.89	mg/kg	SW846 7196A
Percent Solids	90.3	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-020 10/10/07 11:35 006				
Aroclor 1254	51	37	ug/kg	SW846 8082
Trivalent Chromium	21.1	0.44	mg/kg	SW846 7196A
Silver	0.13	0.089	mg/kg	SW846 6020
Arsenic	5.9	0.089	mg/kg	SW846 6020
Antimony	0.53 J	0.18	mg/kg	SW846 6020
Selenium	0.23	0.19	mg/kg	SW846 6020
Thallium	0.15	0.089	mg/kg	SW846 6020
Zinc	101	0.89	mg/kg	SW846 6020
Mercury	0.091	0.044	mg/kg	SW846 7471A
Aluminum	5790	17.7	mg/kg	SW846 6010B
Barium	64.8 J	0.89	mg/kg	SW846 6010B
Beryllium	0.077 B	0.18	mg/kg	SW846 6010B
Calcium	29100	443	mg/kg	SW846 6010B
Cadmium	0.43	0.089	mg/kg	SW846 6010B
Cobalt	6.8	0.44	mg/kg	SW846 6010B
Chromium	21.8	0.44	mg/kg	SW846 6010B
Copper	203	0.89	mg/kg	SW846 6010B
Iron	15500	8.9	mg/kg	SW846 6010B
Potassium	938	443	mg/kg	SW846 6010B
Magnesium	7060	88.7	mg/kg	SW846 6010B
Manganese	240 J	0.89	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-020 10/10/07 11:35 006				
Sodium	191	88.7	mg/kg	SW846 6010B
Nickel	39.3	0.89	mg/kg	SW846 6010B
Lead	127	0.27	mg/kg	SW846 6010B
Vanadium	16.8	0.89	mg/kg	SW846 6010B
Acenaphthene	520	49	ug/kg	SW846 8270C
Acenaphthylene	93	49	ug/kg	SW846 8270C
Anthracene	1500	49	ug/kg	SW846 8270C
Benzo(a)anthracene	3300	49	ug/kg	SW846 8270C
Benzo(a)pyrene	3300	49	ug/kg	SW846 8270C
Benzo(b)fluoranthene	4400	49	ug/kg	SW846 8270C
Benzo(ghi)perylene	2900	49	ug/kg	SW846 8270C
Benzo(k)fluoranthene	1400	49	ug/kg	SW846 8270C
Carbazole	450	370	ug/kg	SW846 8270C
Chrysene	3200	49	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	580	49	ug/kg	SW846 8270C
Dibenzofuran	310 J	370	ug/kg	SW846 8270C
Fluoranthene	7300	49	ug/kg	SW846 8270C
Fluorene	520	49	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	2300	49	ug/kg	SW846 8270C
2-Methylnaphthalene	330	49	ug/kg	SW846 8270C
Naphthalene	280	49	ug/kg	SW846 8270C
Phenanthrene	4900	49	ug/kg	SW846 8270C
Pyrene	6100	49	ug/kg	SW846 8270C
Acetone	30	16	ug/kg	SW846 8260B
2-Butanone	6.3 J	16	ug/kg	SW846 8260B
Carbon disulfide	0.49 J	4.1	ug/kg	SW846 8260B
Hexavalent Chromium	0.77 B	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
SO-17322-101007-CB-021 10/10/07 11:55 007				
Aroclor 1254	12 J	38	ug/kg	SW846 8082
Trivalent Chromium	9.9	0.46	mg/kg	SW846 7196A
Silver	0.066 B	0.092	mg/kg	SW846 6020
Arsenic	4.3	0.092	mg/kg	SW846 6020
Antimony	0.39 J	0.18	mg/kg	SW846 6020
Thallium	0.13	0.092	mg/kg	SW846 6020
Zinc	41.3	0.92	mg/kg	SW846 6020
Mercury	0.024 B	0.046	mg/kg	SW846 7471A
Aluminum	5460	18.5	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-021 10/10/07 11:55 007				
Barium	40.3 J	0.92	mg/kg	SW846 6010B
Beryllium	0.077 B	0.18	mg/kg	SW846 6010B
Calcium	90700	2310	mg/kg	SW846 6010B
Cadmium	0.15	0.092	mg/kg	SW846 6010B
Cobalt	4.4	0.46	mg/kg	SW846 6010B
Chromium	11.1	0.46	mg/kg	SW846 6010B
Copper	17.6	0.92	mg/kg	SW846 6010B
Iron	11500	9.2	mg/kg	SW846 6010B
Potassium	1330	462	mg/kg	SW846 6010B
Magnesium	9250	92.4	mg/kg	SW846 6010B
Manganese	254 J	0.92	mg/kg	SW846 6010B
Sodium	472	92.4	mg/kg	SW846 6010B
Nickel	10.4	0.92	mg/kg	SW846 6010B
Lead	33.0	0.28	mg/kg	SW846 6010B
Vanadium	13.7	0.92	mg/kg	SW846 6010B
Acenaphthene	69	15	ug/kg	SW846 8270C
Anthracene	260	15	ug/kg	SW846 8270C
Benzo(a)anthracene	970	15	ug/kg	SW846 8270C
Benzo(a)pyrene	820	15	ug/kg	SW846 8270C
Benzo(b)fluoranthene	1100	15	ug/kg	SW846 8270C
Benzo(ghi)perylene	590	15	ug/kg	SW846 8270C
Benzo(k)fluoranthene	390	15	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	44 J	120	ug/kg	SW846 8270C
Carbazole	140	120	ug/kg	SW846 8270C
Chrysene	950	15	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	140	15	ug/kg	SW846 8270C
Dibenzofuran	61 J	120	ug/kg	SW846 8270C
Fluoranthene	1900	15	ug/kg	SW846 8270C
Fluorene	74	15	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	500	15	ug/kg	SW846 8270C
2-Methylnaphthalene	160	15	ug/kg	SW846 8270C
Naphthalene	100	15	ug/kg	SW846 8270C
Phenanthrene	980	15	ug/kg	SW846 8270C
Pyrene	1600	15	ug/kg	SW846 8270C
Carbon disulfide	1.1 J	5.3	ug/kg	SW846 8260B
Hexavalent Chromium	1.3	0.92	mg/kg	SW846 7196A
Cyanide, Total	0.20 B	0.23	mg/kg	SW846 9012A
Percent Solids	86.6	10.0	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-022 10/10/07 12:00 008				
Aroclor 1254	33 J	38	ug/kg	SW846 8082
Trivalent Chromium	10.8	0.46	mg/kg	SW846 7196A
Silver	0.075 B	0.092	mg/kg	SW846 6020
Arsenic	7.3	0.092	mg/kg	SW846 6020
Antimony	0.27 J	0.18	mg/kg	SW846 6020
Selenium	0.41	0.20	mg/kg	SW846 6020
Thallium	0.15	0.092	mg/kg	SW846 6020
Zinc	55.1	0.92	mg/kg	SW846 6020
Mercury	0.087	0.046	mg/kg	SW846 7471A
Aluminum	5550	18.4	mg/kg	SW846 6010B
Barium	42.1 J	0.92	mg/kg	SW846 6010B
Beryllium	0.17 B	0.18	mg/kg	SW846 6010B
Calcium	44100	460	mg/kg	SW846 6010B
Cadmium	0.23	0.092	mg/kg	SW846 6010B
Cobalt	5.6	0.46	mg/kg	SW846 6010B
Chromium	11.6	0.46	mg/kg	SW846 6010B
Copper	21.3	0.92	mg/kg	SW846 6010B
Iron	14500	9.2	mg/kg	SW846 6010B
Potassium	1020	460	mg/kg	SW846 6010B
Magnesium	12100	91.9	mg/kg	SW846 6010B
Manganese	349 J	0.92	mg/kg	SW846 6010B
Sodium	574	91.9	mg/kg	SW846 6010B
Nickel	13.2	0.92	mg/kg	SW846 6010B
Lead	52.7	0.28	mg/kg	SW846 6010B
Vanadium	14.9	0.92	mg/kg	SW846 6010B
Acenaphthene	24	7.7	ug/kg	SW846 8270C
Acenaphthylene	50	7.7	ug/kg	SW846 8270C
Anthracene	73	7.7	ug/kg	SW846 8270C
Benzo(a)anthracene	160	7.7	ug/kg	SW846 8270C
Benzo(a)pyrene	170	7.7	ug/kg	SW846 8270C
Benzo(b)fluoranthene	280	7.7	ug/kg	SW846 8270C
Benzo(ghi)perylene	130	7.7	ug/kg	SW846 8270C
Benzo(k)fluoranthene	98	7.7	ug/kg	SW846 8270C
1,1'-Biphenyl	39 J	57	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	56 J	57	ug/kg	SW846 8270C
Carbazole	40 J	57	ug/kg	SW846 8270C
Chrysene	220	7.7	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	36	7.7	ug/kg	SW846 8270C
Dibenzofuran	130	57	ug/kg	SW846 8270C
Fluoranthene	300	7.7	ug/kg	SW846 8270C
Fluorene	29	7.7	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-022 10/10/07 12:00 008				
Indeno(1,2,3-cd)pyrene	100	7.7	ug/kg	SW846 8270C
2-Methylnaphthalene	520	7.7	ug/kg	SW846 8270C
Naphthalene	330	7.7	ug/kg	SW846 8270C
Phenanthrene	340	7.7	ug/kg	SW846 8270C
Pyrene	240	7.7	ug/kg	SW846 8270C
Acetone	28	18	ug/kg	SW846 8260B
Benzene	0.49 J	4.4	ug/kg	SW846 8260B
2-Butanone	5.9 J	18	ug/kg	SW846 8260B
Methylene chloride	4.8	4.4	ug/kg	SW846 8260B
Tetrachloroethene	1.4 J	4.4	ug/kg	SW846 8260B
Xylenes (total)	0.82 J	8.8	ug/kg	SW846 8260B
Hexavalent Chromium	0.74 B	0.92	mg/kg	SW846 7196A
Cyanide, Total	0.12 B	0.23	mg/kg	SW846 9012A
Percent Solids	87.0	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-023 10/10/07 12:05 009				
Aroclor 1254	220	37	ug/kg	SW846 8082
Trivalent Chromium	10.2	0.45	mg/kg	SW846 7196A
Silver	0.062 B	0.090	mg/kg	SW846 6020
Arsenic	4.6	0.090	mg/kg	SW846 6020
Antimony	0.22 J	0.18	mg/kg	SW846 6020
Selenium	0.11 B	0.19	mg/kg	SW846 6020
Thallium	0.12	0.090	mg/kg	SW846 6020
Zinc	58.6	0.90	mg/kg	SW846 6020
Mercury	0.044 B	0.045	mg/kg	SW846 7471A
Aluminum	4320	17.9	mg/kg	SW846 6010B
Barium	32.0 J	0.90	mg/kg	SW846 6010B
Beryllium	0.089 B	0.18	mg/kg	SW846 6010B
Calcium	77600	2240	mg/kg	SW846 6010B
Cadmium	0.27	0.090	mg/kg	SW846 6010B
Cobalt	4.8	0.45	mg/kg	SW846 6010B
Chromium	10.9	0.45	mg/kg	SW846 6010B
Copper	22.9	0.90	mg/kg	SW846 6010B
Iron	11800	9.0	mg/kg	SW846 6010B
Potassium	825	448	mg/kg	SW846 6010B
Magnesium	10000	89.6	mg/kg	SW846 6010B
Manganese	270 J	0.90	mg/kg	SW846 6010B
Sodium	420	89.6	mg/kg	SW846 6010B
Nickel	12.9	0.90	mg/kg	SW846 6010B
Lead	29.2	0.27	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-023 10/10/07 12:05 009				
Vanadium	13.3	0.90	mg/kg	SW846 6010B
Acenaphthene	34	7.5	ug/kg	SW846 8270C
Acenaphthylene	22	7.5	ug/kg	SW846 8270C
Anthracene	66	7.5	ug/kg	SW846 8270C
Benzo(a)anthracene	200	7.5	ug/kg	SW846 8270C
Benzo(a)pyrene	210	7.5	ug/kg	SW846 8270C
Benzo(b)fluoranthene	300	7.5	ug/kg	SW846 8270C
Benzo(ghi)perylene	180	7.5	ug/kg	SW846 8270C
Benzo(k)fluoranthene	120	7.5	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	64 B	56	ug/kg	SW846 8270C
Carbazole	43 J	56	ug/kg	SW846 8270C
Chrysene	260	7.5	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	43	7.5	ug/kg	SW846 8270C
Dibenzofuran	53 J	56	ug/kg	SW846 8270C
Fluoranthene	440	7.5	ug/kg	SW846 8270C
Fluorene	40	7.5	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	150	7.5	ug/kg	SW846 8270C
2-Methylnaphthalene	160	7.5	ug/kg	SW846 8270C
Naphthalene	110	7.5	ug/kg	SW846 8270C
Phenanthrene	300	7.5	ug/kg	SW846 8270C
Pyrene	370	7.5	ug/kg	SW846 8270C
Carbon disulfide	1.3 J	5.7	ug/kg	SW846 8260B
Cyclohexane	0.50 J	11	ug/kg	SW846 8260B
Ethylbenzene	3.2 J	5.7	ug/kg	SW846 8260B
Methylcyclohexane	0.38 J	11	ug/kg	SW846 8260B
Methylene chloride	2.2 J	5.7	ug/kg	SW846 8260B
Trichloroethene	0.87 J	5.7	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	0.85 J	5.7	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.44 J	5.7	ug/kg	SW846 8260B
Xylenes (total)	4.7 J	11	ug/kg	SW846 8260B
Hexavalent Chromium	0.69 B	0.90	mg/kg	SW846 7196A
Cyanide, Total	0.13 B	0.22	mg/kg	SW846 9012A
Percent Solids	89.3	10.0	%	MCAWW 160.3 MOD
SO-17322-101007-CB-024 10/10/07 12:10 010				
Aroclor 1254	33 J	35	ug/kg	SW846 8082
Trivalent Chromium	9.2	0.43	mg/kg	SW846 7196A
Silver	0.093	0.085	mg/kg	SW846 6020
Arsenic	6.5	0.085	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

A7J110203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101007-CB-024 10/10/07 12:10 010				
Antimony	0.51 J	0.17	mg/kg	SW846 6020
Selenium	0.16 B	0.18	mg/kg	SW846 6020
Thallium	0.17	0.085	mg/kg	SW846 6020
Zinc	70.6	0.85	mg/kg	SW846 6020
Mercury	0.040 B	0.043	mg/kg	SW846 7471A
Aluminum	4420	17.0	mg/kg	SW846 6010B
Barium	39.9 J	0.85	mg/kg	SW846 6010B
Beryllium	0.10 B	0.17	mg/kg	SW846 6010B
Calcium	38600	425	mg/kg	SW846 6010B
Cadmium	0.56	0.085	mg/kg	SW846 6010B
Cobalt	5.3	0.43	mg/kg	SW846 6010B
Chromium	9.7	0.43	mg/kg	SW846 6010B
Copper	25.6	0.85	mg/kg	SW846 6010B
Iron	12000	8.5	mg/kg	SW846 6010B
Potassium	909	425	mg/kg	SW846 6010B
Magnesium	7890	85.0	mg/kg	SW846 6010B
Manganese	348 J	0.85	mg/kg	SW846 6010B
Sodium	97.0	85.0	mg/kg	SW846 6010B
Nickel	19.8	0.85	mg/kg	SW846 6010B
Lead	20.6	0.26	mg/kg	SW846 6010B
Vanadium	26.0	0.85	mg/kg	SW846 6010B
Acenaphthylene	66	35	ug/kg	SW846 8270C
Anthracene	84	35	ug/kg	SW846 8270C
Benzo(a)anthracene	210	35	ug/kg	SW846 8270C
Benzo(a)pyrene	290	35	ug/kg	SW846 8270C
Benzo(b)fluoranthene	450	35	ug/kg	SW846 8270C
Benzo(ghi)perylene	260	35	ug/kg	SW846 8270C
Benzo(k)fluoranthene	150	35	ug/kg	SW846 8270C
Chrysene	330	35	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	59	35	ug/kg	SW846 8270C
Di-n-butyl phthalate	170 J	270	ug/kg	SW846 8270C
Fluoranthene	410	35	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	210	35	ug/kg	SW846 8270C
2-Methylnaphthalene	96	35	ug/kg	SW846 8270C
Naphthalene	49	35	ug/kg	SW846 8270C
Phenanthrene	210	35	ug/kg	SW846 8270C
Pyrene	370	35	ug/kg	SW846 8270C
Methylene chloride	0.89 J	4.8	ug/kg	SW846 8260B
Trichloroethene	13	4.8	ug/kg	SW846 8260B
Hexavalent Chromium	0.51 B	0.85	mg/kg	SW846 7196A
Cyanide, Total	0.18 B	0.21	mg/kg	SW846 9012A
Percent Solids	94.1	10.0	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J110203

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB-17322-101007-CB-001 10/10/07 011				
Methylene chloride	1.3 J,B	5.0	ug/kg	SW846 8260B
WS-17322-101007-CB-001 10/10/07 13:45 013				
Calcium	43600	5000	ug/L	SW846 6010B
Magnesium	20300	1000	ug/L	SW846 6010B
Hardness	193	33.1	mg/L	SM18 2340B
pH (liquid)	7.8		No Units	MCAWW 150.1
WS-17322-101007-CB-002 10/10/07 14:00 014				
Calcium	48400	5000	ug/L	SW846 6010B
Magnesium	22400	1000	ug/L	SW846 6010B
Hardness	213	33.1	mg/L	SM18 2340B
pH (liquid)	7.8		No Units	MCAWW 150.1

ANALYTICAL METHODS SUMMARY

A7J110203

PARAMETER	ANALYTICAL METHOD
pH (Electrometric)	MCAWW 150.1
Cyanide, Total	SW846 9012A
Hardness, Total	SM18 2340B
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.

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

A7J110203

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J8PNM	001	SO-17322-101007-CB-015	10/10/07	09:40
J8PN0	002	SO-17322-101007-CB-016	10/10/07	09:45
J8PN3	003	SO-17322-101007-CB-017	10/10/07	11:15
J8PN6	004	SO-17322-101007-CB-018	10/10/07	11:20
J8PN7	005	SO-17322-101007-CB-019	10/10/07	11:30
J8PN9	006	SO-17322-101007-CB-020	10/10/07	11:35
J8PPA	007	SO-17322-101007-CB-021	10/10/07	11:55
J8PPD	008	SO-17322-101007-CB-022	10/10/07	12:00
J8PQE	009	SO-17322-101007-CB-023	10/10/07	12:05
J8PQH	010	SO-17322-101007-CB-024	10/10/07	12:10
J8PQK	011	TB-17322-101007-CB-001	10/10/07	
J8PQ8	013	WS-17322-101007-CB-001	10/10/07	13:45
J8PRF	014	WS-17322-101007-CB-002	10/10/07	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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-015

GC/MS Volatiles

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM1AC **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7286191
Dilution Factor: 0.78
% Moisture.....: 15 **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	0.41
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	0.64
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-17322-101007-CB-015

GC/MS Volatiles

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM1AC **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	91	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	75	(60 - 143)
4-Bromofluorobenzene	66	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-016

GC/MS Volatiles

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN01AN **Matrix.....:** SO
Date Sampled...: 10/10/07 09:45 **Date Received..:** 10/11/07
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7286191
Dilution Factor: 0.82
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**35**	**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	**7.2 J**	**19**	**ug/kg**	**1.3**
Carbon disulfide	**0.60 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	0.51
1,2-Dibromo-3-chloro-propane	ND	9.4	ug/kg	1.2
Chloroethane	ND	4.7	ug/kg	0.80
Chloroform	ND	4.7	ug/kg	0.27
Chloromethane	ND	4.7	ug/kg	0.38
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	0.38
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-17322-101007-CB-016

GC/MS Volatiles

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN01AN **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	0.52
1,1,2-Trichloroethane	ND	4.7	ug/kg	0.36
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	ND	4.7	ug/kg	0.23
Vinyl chloride	ND	4.7	ug/kg	0.36
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	99	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	75	(60 - 143)
4-Bromofluorobenzene	63	(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-17322-101007-CB-017

GC/MS Volatiles

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN31AN **Matrix.....:** SO
Date Sampled...: 10/10/07 11:15 **Date Received..:** 10/11/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7288494
Dilution Factor: 0.92
% Moisture.....: 20 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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	180	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
Dibromochloromethane	ND	46	ug/kg	7.9
1,2-Dibromo-3-chloro-propane	ND	230	ug/kg	69
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
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	**12 J**	**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	8.5
cis-1,3-Dichloropropene	ND	46	ug/kg	6.3
trans-1,3-Dichloropropene	ND	46	ug/kg	6.2
Ethylbenzene	**17 J**	**46**	**ug/kg**	**7.8**
Trichlorofluoromethane	ND	91	ug/kg	9.5
2-Hexanone	ND	2300	ug/kg	27
Isopropylbenzene	**69 J**	**230**	**ug/kg**	**5.8**
Methyl acetate	**68 J**	**1100**	**ug/kg**	**59**
Methylcyclohexane	ND	1100	ug/kg	6.5
Methylene chloride	ND	230	ug/kg	110
4-Methyl-2-pentanone	ND	2300	ug/kg	13
Styrene	ND	46	ug/kg	32

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-017

GC/MS Volatiles

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN31AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	46	ug/kg	9.4
Tetrachloroethene	**20 J**	**46**	**ug/kg**	**10**
Toluene	**27 J**	**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	ND	46	ug/kg	14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	230	ug/kg	11
1,2,4-Trimethylbenzene	**50 J**	**91**	**ug/kg**	**30**
1,3,5-Trimethylbenzene	**43 J**	**91**	**ug/kg**	**29**
Vinyl chloride	ND	37	ug/kg	18
Xylenes (total)	**91 J**	**140**	**ug/kg**	**17**
Methyl tert-butyl ether	ND	230	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(59 - 138)
1,2-Dichloroethane-d4	113	(61 - 130)
Toluene-d8	119	(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-17322-101007-CB-018

GC/MS Volatiles

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN61AN **Matrix.....:** SO
Date Sampled...: 10/10/07 11:20 **Date Received..:** 10/11/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7288494
Dilution Factor: 1.08
% Moisture.....: 37 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1000	ug/kg	170
Benzene	ND	68	ug/kg	11
Bromodichloromethane	ND	140	ug/kg	21
Bromoform	ND	140	ug/kg	22
Bromomethane	ND	270	ug/kg	43
2-Butanone	ND	1000	ug/kg	84
Carbon disulfide	ND	340	ug/kg	34
Carbon tetrachloride	ND	68	ug/kg	21
Chlorobenzene	ND	68	ug/kg	11
Dibromochloromethane	ND	68	ug/kg	12
1,2-Dibromo-3-chloro-propane	ND	340	ug/kg	100
Chloroethane	ND	340	ug/kg	110
Chloroform	ND	68	ug/kg	21
Chloromethane	ND	340	ug/kg	8.9
Cyclohexane	ND	1600	ug/kg	13
1,2-Dibromoethane	ND	340	ug/kg	17
1,2-Dichlorobenzene	ND	140	ug/kg	29
1,3-Dichlorobenzene	ND	140	ug/kg	12
1,4-Dichlorobenzene	ND	140	ug/kg	14
Dichlorodifluoromethane	ND	140	ug/kg	9.2
1,1-Dichloroethane	ND	68	ug/kg	12
1,2-Dichloroethane	ND	68	ug/kg	16
1,1-Dichloroethene	ND	68	ug/kg	14
cis-1,2-Dichloroethene	ND	68	ug/kg	24
trans-1,2-Dichloroethene	ND	68	ug/kg	19
1,2-Dichloropropane	ND	68	ug/kg	13
cis-1,3-Dichloropropene	ND	68	ug/kg	9.4
trans-1,3-Dichloropropene	ND	68	ug/kg	9.2
Ethylbenzene	ND	68	ug/kg	12
Trichlorofluoromethane	ND	140	ug/kg	14
2-Hexanone	ND	3400	ug/kg	41
Isopropylbenzene	**92 J**	**340**	**ug/kg**	**8.7**
Methyl acetate	ND	1600	ug/kg	89
Methylcyclohexane	ND	1600	ug/kg	9.7
Methylene chloride	ND	340	ug/kg	170
4-Methyl-2-pentanone	ND	3400	ug/kg	19
Styrene	ND	68	ug/kg	48

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-018

GC/MS Volatiles

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN61AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	68	ug/kg	14
Tetrachloroethene	ND	68	ug/kg	15
Toluene	ND	140	ug/kg	16
1,2,4-Trichloro-benzene	ND	340	ug/kg	21
1,1,1-Trichloroethane	ND	68	ug/kg	16
1,1,2-Trichloroethane	ND	68	ug/kg	17
Trichloroethene	ND	68	ug/kg	21
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	340	ug/kg	17
1,2,4-Trimethylbenzene	**66 J**	**140**	**ug/kg**	**44**
1,3,5-Trimethylbenzene	**63 J**	**140**	**ug/kg**	**43**
Vinyl chloride	ND	55	ug/kg	27
Xylenes (total)	**83 J**	**210**	**ug/kg**	**26**
Methyl tert-butyl ether	ND	340	ug/kg	17

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	96	(60 - 143)
4-Bromofluorobenzene	92	(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-17322-101007-CB-019

GC/MS Volatiles

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN71AN **Matrix.....:** SO
Date Sampled...: 10/10/07 11:30 **Date Received..:** 10/11/07
Prep Date.....: 10/11/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7288494
Dilution Factor: 1
% Moisture.....: 9.7 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
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	180	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
Dibromochloromethane	ND	44	ug/kg	7.6
1,2-Dibromo-3-chloro-propane	ND	220	ug/kg	66
Chloroethane	ND	220	ug/kg	72
Chloroform	ND	44	ug/kg	13
Chloromethane	ND	220	ug/kg	5.8
Cyclohexane	**50 J**	**1100**	**ug/kg**	**8.5**
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	**8.1 J**	**44**	**ug/kg**	**7.5**
Trichlorofluoromethane	ND	89	ug/kg	9.2
2-Hexanone	ND	2200	ug/kg	27
Isopropylbenzene	ND	220	ug/kg	5.6
Methyl acetate	ND	1100	ug/kg	58
Methylcyclohexane	**79 J**	**1100**	**ug/kg**	**6.3**
Methylene chloride	ND	220	ug/kg	110
4-Methyl-2-pentanone	ND	2200	ug/kg	12
Styrene	ND	44	ug/kg	31

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-019

GC/MS Volatiles

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN71AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	44	ug/kg	9.1
Tetrachloroethene	ND	44	ug/kg	10
Toluene	**18 J**	**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
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	220	ug/kg	11
1,2,4-Trimethylbenzene	**43 J**	**89**	**ug/kg**	**29**
1,3,5-Trimethylbenzene	ND	89	ug/kg	28
Vinyl chloride	ND	35	ug/kg	18
Xylenes (total)	**70 J**	**130**	**ug/kg**	**17**
Methyl tert-butyl ether	ND	220	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(59 - 138)
1,2-Dichloroethane-d4	100	(61 - 130)
Toluene-d8	101	(60 - 143)
4-Bromofluorobenzene	103	(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-17322-101007-CB-020

GC/MS Volatiles

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN91AN **Matrix.....:** SO
Date Sampled...: 10/10/07 11:35 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.74
% Moisture.....: 9.8 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30**	**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	**6.3 J**	**16**	**ug/kg**	**1.1**
Carbon disulfide	**0.49 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	0.71
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	0.44
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	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-17322-101007-CB-020

GC/MS Volatiles

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN91AN **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	0.21
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	101	(59 - 138)
1,2-Dichloroethane-d4	98	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	85	(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-17322-101007-CB-021

GC/MS Volatiles

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA1AN **Matrix.....:** SO
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.91
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	6.6
Benzene	ND	5.3	ug/kg	0.24
Bromodichloromethane	ND	5.3	ug/kg	0.29
Bromoform	ND	5.3	ug/kg	0.35
Bromomethane	ND	5.3	ug/kg	0.57
2-Butanone	ND	21	ug/kg	1.5
Carbon disulfide	**1.1 J**	**5.3**	**ug/kg**	**0.46**
Carbon tetrachloride	ND	5.3	ug/kg	0.39
Chlorobenzene	ND	5.3	ug/kg	0.35
Dibromochloromethane	ND	5.3	ug/kg	0.58
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
Chloroethane	ND	5.3	ug/kg	0.90
Chloroform	ND	5.3	ug/kg	0.30
Chloromethane	ND	5.3	ug/kg	0.43
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	0.69
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	0.43
1,2-Dichloropropane	ND	5.3	ug/kg	0.72
cis-1,3-Dichloropropene	ND	5.3	ug/kg	0.36
trans-1,3-Dichloropropene	ND	5.3	ug/kg	0.57
Ethylbenzene	ND	5.3	ug/kg	0.27
Trichlorofluoromethane	ND	5.3	ug/kg	0.36
2-Hexanone	ND	21	ug/kg	0.66
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	ND	5.3	ug/kg	0.70
4-Methyl-2-pentanone	ND	21	ug/kg	0.57
Styrene	ND	5.3	ug/kg	0.16

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-021

GC/MS Volatiles

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA1AN **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	0.28
1,2,4-Trichloro-benzene	ND	5.3	ug/kg	0.28
1,1,1-Trichloroethane	ND	5.3	ug/kg	0.59
1,1,2-Trichloroethane	ND	5.3	ug/kg	0.41
Trichloroethene	ND	5.3	ug/kg	0.44
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.3	ug/kg	1.4
1,2,4-Trimethylbenzene	ND	5.3	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.3	ug/kg	0.26
Vinyl chloride	ND	5.3	ug/kg	0.41
Xylenes (total)	ND	11	ug/kg	0.70
Methyl tert-butyl ether	ND	21	ug/kg	0.45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	78	(60 - 143)
4-Bromofluorobenzene	58	(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-17322-101007-CB-022

GC/MS Volatiles

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD1AN **Matrix.....:** SO
Date Sampled...: 10/10/07 12:00 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.77
% Moisture.....: 13 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**28**	**18**	**ug/kg**	**5.6**
Benzene	**0.49 J**	**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	**5.9 J**	**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	1.2
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	**4.8**	**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-17322-101007-CB-022

GC/MS Volatiles

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	4.4	ug/kg	0.30
Tetrachloroethene	**1.4 J**	**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	0.50
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.35
Trichloroethene	ND	4.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.4	ug/kg	0.58
1,3,5-Trimethylbenzene	ND	4.4	ug/kg	0.22
Vinyl chloride	ND	4.4	ug/kg	0.35
Xylenes (total)	**0.82 J**	**8.8**	**ug/kg**	**0.59**
Methyl tert-butyl ether	ND	18	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	81	(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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-023

GC/MS Volatiles

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE1AN **Matrix.....:** SO
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1.02
% Moisture.....: 11 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	7.2
Benzene	ND	5.7	ug/kg	0.26
Bromodichloromethane	ND	5.7	ug/kg	0.32
Bromoform	ND	5.7	ug/kg	0.38
Bromomethane	ND	5.7	ug/kg	0.62
2-Butanone	ND	23	ug/kg	1.6
Carbon disulfide	**1.3 J**	**5.7**	**ug/kg**	**0.50**
Carbon tetrachloride	ND	5.7	ug/kg	0.42
Chlorobenzene	ND	5.7	ug/kg	0.38
Dibromochloromethane	ND	5.7	ug/kg	0.63
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.5
Chloroethane	ND	5.7	ug/kg	0.98
Chloroform	ND	5.7	ug/kg	0.33
Chloromethane	ND	5.7	ug/kg	0.47
Cyclohexane	**0.50 J**	**11**	**ug/kg**	**0.38**
1,2-Dibromoethane	ND	5.7	ug/kg	0.57
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.41
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.40
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.75
Dichlorodifluoromethane	ND	5.7	ug/kg	0.57
1,1-Dichloroethane	ND	5.7	ug/kg	0.41
1,2-Dichloroethane	ND	5.7	ug/kg	0.39
1,1-Dichloroethene	ND	5.7	ug/kg	0.59
cis-1,2-Dichloroethene	ND	5.7	ug/kg	0.41
trans-1,2-Dichloroethene	ND	5.7	ug/kg	0.47
1,2-Dichloropropane	ND	5.7	ug/kg	0.79
cis-1,3-Dichloropropene	ND	5.7	ug/kg	0.39
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.62
Ethylbenzene	**3.2 J**	**5.7**	**ug/kg**	**0.30**
Trichlorofluoromethane	ND	5.7	ug/kg	0.39
2-Hexanone	ND	23	ug/kg	0.72
Isopropylbenzene	ND	5.7	ug/kg	0.18
Methyl acetate	ND	11	ug/kg	1.6
Methylcyclohexane	**0.38 J**	**11**	**ug/kg**	**0.35**
Methylene chloride	**2.2 J**	**5.7**	**ug/kg**	**0.77**
4-Methyl-2-pentanone	ND	23	ug/kg	0.62
Styrene	ND	5.7	ug/kg	0.17

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-023

GC/MS Volatiles

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.39
Tetrachloroethene	ND	5.7	ug/kg	0.59
Toluene	ND	5.7	ug/kg	0.31
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	0.31
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.64
1,1,2-Trichloroethane	ND	5.7	ug/kg	0.45
Trichloroethene	**0.87 J**	**5.7**	**ug/kg**	**0.48**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.7	ug/kg	1.5
1,2,4-Trimethylbenzene	**0.85 J**	**5.7**	**ug/kg**	**0.74**
1,3,5-Trimethylbenzene	**0.44 J**	**5.7**	**ug/kg**	**0.29**
Vinyl chloride	ND	5.7	ug/kg	0.45
Xylenes (total)	**4.7 J**	**11**	**ug/kg**	**0.77**
Methyl tert-butyl ether	ND	23	ug/kg	0.49

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	81	(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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-024

GC/MS Volatiles

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH1AN **Matrix.....:** SO
Date Sampled...: 10/10/07 12:10 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.9
% Moisture.....: 5.9 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	19	ug/kg	6.0
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	ND	19	ug/kg	1.3
Carbon disulfide	ND	4.8	ug/kg	0.42
Carbon tetrachloride	ND	4.8	ug/kg	0.35
Chlorobenzene	ND	4.8	ug/kg	0.32
Dibromochloromethane	ND	4.8	ug/kg	0.53
1,2-Dibromo-3-chloro-propane	ND	9.6	ug/kg	1.2
Chloroethane	ND	4.8	ug/kg	0.82
Chloroform	ND	4.8	ug/kg	0.28
Chloromethane	ND	4.8	ug/kg	0.39
Cyclohexane	ND	9.6	ug/kg	0.32
1,2-Dibromoethane	ND	4.8	ug/kg	0.48
1,2-Dichlorobenzene	ND	4.8	ug/kg	0.34
1,3-Dichlorobenzene	ND	4.8	ug/kg	0.33
1,4-Dichlorobenzene	ND	4.8	ug/kg	0.63
Dichlorodifluoromethane	ND	4.8	ug/kg	0.48
1,1-Dichloroethane	ND	4.8	ug/kg	0.34
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	0.34
trans-1,2-Dichloroethene	ND	4.8	ug/kg	0.39
1,2-Dichloropropane	ND	4.8	ug/kg	0.66
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	0.60
Isopropylbenzene	ND	4.8	ug/kg	0.15
Methyl acetate	ND	9.6	ug/kg	1.3
Methylcyclohexane	ND	9.6	ug/kg	0.30
Methylene chloride	**0.89 J**	**4.8**	**ug/kg**	**0.64**
4-Methyl-2-pentanone	ND	19	ug/kg	0.52
Styrene	ND	4.8	ug/kg	0.14

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-024

GC/MS Volatiles

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH1AN **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	ND	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	0.37
Trichloroethene	**13**	**4.8**	**ug/kg**	**0.40**
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.8	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.8	ug/kg	0.62
1,3,5-Trimethylbenzene	ND	4.8	ug/kg	0.24
Vinyl chloride	ND	4.8	ug/kg	0.37
Xylenes (total)	ND	9.6	ug/kg	0.64
Methyl tert-butyl ether	ND	19	ug/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	75	(60 - 143)
4-Bromofluorobenzene	60	(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-17322-101007-CB-001

GC/MS Volatiles

Lot-Sample #...: A7J110203-011 **Work Order #...:** J8PQK1AA **Matrix.....:** SQ
Date Sampled...: 10/10/07 **Date Received..:** 10/11/07
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7288157
Dilution Factor: 1
% Moisture.....: **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
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
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
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
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
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylene chloride	**1.3 J,B**	**5.0**	**ug/kg**	**0.67**
Methylcyclohexane	ND	10	ug/kg	0.31
4-Methyl-2-pentanone	ND	20	ug/kg	0.54

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101007-CB-001

GC/MS Volatiles

Lot-Sample #...: A7J110203-011 **Work Order #...:** J8PQK1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	20	ug/kg	0.43
Styrene	ND	5.0	ug/kg	0.15
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
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
1,2-Dichloroethane-d4	82	(61 - 130)
Toluene-d8	82	(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: SO-17322-101007-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM1A5 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
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	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	**29 J**	**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-17322-101007-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM1A5 **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	30
Pyrene	ND	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-17322-101007-CB-015

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	97	(41 - 119)
Phenol-d5	62	(28 - 110)
2-Fluorophenol	67	(26 - 110)
2,4,6-Tribromophenol	47	(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-17322-101007-CB-016

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN01AG **Matrix.....:** SO
Date Sampled...: 10/10/07 09:45 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
Dilution Factor: 2.5
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	290	ug/kg	74
Pyridine	ND	290	ug/kg	48
Acenaphthene	ND	19	ug/kg	3.7
Acenaphthylene	ND	19	ug/kg	3.4
Acetophenone	ND	290	ug/kg	74
Anthracene	**61**	**19**	**ug/kg**	**3.7**
Atrazine	ND	570	ug/kg	60
Benzo(a)anthracene	**140**	**19**	**ug/kg**	**2.7**
Benzo(a)pyrene	**160**	**19**	**ug/kg**	**3.7**
Benzo(b)fluoranthene	**240**	**19**	**ug/kg**	**3.4**
Benzo(ghi)perylene	**140**	**19**	**ug/kg**	**3.7**
Benzo(k)fluoranthene	**85**	**19**	**ug/kg**	**4.8**
Benzaldehyde	ND	290	ug/kg	60
1,1'-Biphenyl	ND	140	ug/kg	66
bis(2-Chloroethoxy) methane	ND	290	ug/kg	63
bis(2-Chloroethyl)-ether	ND	290	ug/kg	5.7
bis(2-Ethylhexyl) phthalate	ND	140	ug/kg	51
4-Bromophenyl phenyl ether	ND	140	ug/kg	60
Butyl benzyl phthalate	ND	140	ug/kg	54
Caprolactam	ND	940	ug/kg	110
Carbazole	ND	140	ug/kg	54
4-Chloroaniline	ND	430	ug/kg	48
4-Chloro-3-methylphenol	ND	430	ug/kg	60
2-Chloronaphthalene	ND	140	ug/kg	63
2-Chlorophenol	ND	140	ug/kg	74
4-Chlorophenyl phenyl ether	ND	140	ug/kg	68
Chrysene	**220**	**19**	**ug/kg**	**2.6**
Dibenz(a,h)anthracene	**32**	**19**	**ug/kg**	**3.7**
Dibenzofuran	ND	140	ug/kg	57
3,3'-Dichlorobenzidine	ND	290	ug/kg	51
2,4-Dichlorophenol	ND	430	ug/kg	57
Diethyl phthalate	ND	140	ug/kg	54

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-016

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN01AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	430	ug/kg	57
Dimethyl phthalate	ND	140	ug/kg	60
Di-n-butyl phthalate	ND	140	ug/kg	54
4,6-Dinitro-2-methylphenol	ND	430	ug/kg	37
2,4-Dinitrophenol	ND	940	ug/kg	240
2,4-Dinitrotoluene	ND	570	ug/kg	51
2,6-Dinitrotoluene	ND	570	ug/kg	60
Di-n-octyl phthalate	ND	140	ug/kg	51
Fluoranthene	**340**	**19**	**ug/kg**	**3.4**
Fluorene	**24**	**19**	**ug/kg**	**3.4**
Hexachlorobenzene	ND	19	ug/kg	6.0
Hexachlorobutadiene	ND	140	ug/kg	74
Hexachlorocyclopentadiene	ND	940	ug/kg	46
Hexachloroethane	ND	140	ug/kg	80
Indeno(1,2,3-cd)pyrene	**100**	**19**	**ug/kg**	**4.3**
Isophorone	ND	140	ug/kg	60
2-Methylnaphthalene	**130**	**19**	**ug/kg**	**4.3**
2-Methylphenol	ND	570	ug/kg	80
4-Methylphenol	ND	570	ug/kg	63
Naphthalene	**80**	**19**	**ug/kg**	**4.6**
2-Nitroaniline	ND	570	ug/kg	63
3-Nitroaniline	ND	570	ug/kg	46
4-Nitroaniline	ND	570	ug/kg	74
Nitrobenzene	ND	290	ug/kg	6.3
2-Nitrophenol	ND	140	ug/kg	54
4-Nitrophenol	ND	940	ug/kg	310
N-Nitrosodi-n-propylamine	ND	140	ug/kg	66
N-Nitrosodiphenylamine	ND	140	ug/kg	60
Pentachlorophenol	ND	430	ug/kg	230
Phenanthrene	**250**	**19**	**ug/kg**	**5.7**
Phenol	ND	140	ug/kg	71
Pyrene	**270**	**19**	**ug/kg**	**3.1**
2,4,5-Trichlorophenol	ND	430	ug/kg	71
2,4,6-Trichlorophenol	ND	430	ug/kg	60

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-016

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN01AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	84 DIL	(24 - 112)
2-Fluorobiphenyl	92 DIL	(34 - 110)
Terphenyl-d14	105 DIL	(41 - 119)
Phenol-d5	83 DIL	(28 - 110)
2-Fluorophenol	84 DIL	(26 - 110)
2,4,6-Tribromophenol	54 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-17322-101007-CB-017

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN31AG **Matrix.....:** SO
Date Sampled...: 10/10/07 11:15 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285036
Dilution Factor: 4
% Moisture.....: 20 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	500	ug/kg	130
Pyridine	ND	500	ug/kg	84
Acenaphthene	**44**	**33**	**ug/kg**	**6.5**
Acenaphthylene	ND	33	ug/kg	6.0
Acetophenone	ND	500	ug/kg	130
Anthracene	**100**	**33**	**ug/kg**	**6.5**
Atrazine	ND	990	ug/kg	100
Benzo(a)anthracene	**390**	**33**	**ug/kg**	**4.7**
Benzo(a)pyrene	**430**	**33**	**ug/kg**	**6.5**
Benzo(b)fluoranthene	**620**	**33**	**ug/kg**	**6.0**
Benzo(ghi)perylene	**360**	**33**	**ug/kg**	**6.5**
Benzo(k)fluoranthene	**170**	**33**	**ug/kg**	**8.4**
Benzaldehyde	ND	500	ug/kg	100
1,1'-Biphenyl	ND	250	ug/kg	110
bis(2-Chloroethoxy) methane	ND	500	ug/kg	110
bis(2-Chloroethyl)-ether	ND	500	ug/kg	9.9
bis(2-Ethylhexyl) phthalate	ND	250	ug/kg	89
4-Bromophenyl phenyl ether	ND	250	ug/kg	100
Butyl benzyl phthalate	ND	250	ug/kg	94
Caprolactam	ND	1600	ug/kg	180
Carbazole	ND	250	ug/kg	94
4-Chloroaniline	ND	750	ug/kg	84
4-Chloro-3-methylphenol	ND	750	ug/kg	100
2-Chloronaphthalene	ND	250	ug/kg	110
2-Chlorophenol	ND	250	ug/kg	130
4-Chlorophenyl phenyl ether	ND	250	ug/kg	120
Chrysene	**380**	**33**	**ug/kg**	**4.5**
Dibenz(a,h)anthracene	**84**	**33**	**ug/kg**	**6.5**
Dibenzofuran	ND	250	ug/kg	99
3,3'-Dichlorobenzidine	ND	500	ug/kg	89
2,4-Dichlorophenol	ND	750	ug/kg	99
Diethyl phthalate	ND	250	ug/kg	94

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-017

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN31AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	750	ug/kg	99
Dimethyl phthalate	ND	250	ug/kg	100
Di-n-butyl phthalate	ND	250	ug/kg	94
4,6-Dinitro-2-methylphenol	ND	750	ug/kg	65
2,4-Dinitrophenol	ND	1600	ug/kg	410
2,4-Dinitrotoluene	ND	990	ug/kg	89
2,6-Dinitrotoluene	ND	990	ug/kg	100
Di-n-octyl phthalate	ND	250	ug/kg	89
Fluoranthene	**770**	**33**	**ug/kg**	**6.0**
Fluorene	**53**	**33**	**ug/kg**	**6.0**
Hexachlorobenzene	ND	33	ug/kg	10
Hexachlorobutadiene	ND	250	ug/kg	130
Hexachlorocyclopentadiene	ND	1600	ug/kg	80
Hexachloroethane	ND	250	ug/kg	140
Indeno(1,2,3-cd)pyrene	**280**	**33**	**ug/kg**	**7.5**
Isophorone	ND	250	ug/kg	100
2-Methylnaphthalene	**42**	**33**	**ug/kg**	**7.5**
2-Methylphenol	ND	990	ug/kg	140
4-Methylphenol	ND	990	ug/kg	110
Naphthalene	ND	33	ug/kg	8.0
2-Nitroaniline	ND	990	ug/kg	110
3-Nitroaniline	ND	990	ug/kg	80
4-Nitroaniline	ND	990	ug/kg	130
Nitrobenzene	ND	500	ug/kg	11
2-Nitrophenol	ND	250	ug/kg	94
4-Nitrophenol	ND	1600	ug/kg	550
N-Nitrosodi-n-propylamine	ND	250	ug/kg	110
N-Nitrosodiphenylamine	ND	250	ug/kg	100
Pentachlorophenol	ND	750	ug/kg	410
Phenanthrene	**370**	**33**	**ug/kg**	**9.9**
Phenol	ND	250	ug/kg	120
Pyrene	**600**	**33**	**ug/kg**	**5.5**
2,4,5-Trichlorophenol	ND	750	ug/kg	120
2,4,6-Trichlorophenol	ND	750	ug/kg	100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-017

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN31AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	66 DIL	(24 - 112)
2-Fluorobiphenyl	72 DIL	(34 - 110)
Terphenyl-d14	92 DIL	(41 - 119)
Phenol-d5	68 DIL	(28 - 110)
2-Fluorophenol	66 DIL	(26 - 110)
2,4,6-Tribromophenol	64 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-17322-101007-CB-018

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN61AG **Matrix.....:** SO
Date Sampled...: 10/10/07 11:20 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285036
Dilution Factor: 500
% Moisture.....: 37 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	79000	ug/kg	21000
Pyridine	ND	79000	ug/kg	13000
Acenaphthene	**130000**	**5300**	**ug/kg**	**1000**
Acenaphthylene	ND	5300	ug/kg	950
Acetophenone	ND	79000	ug/kg	21000
Anthracene	**200000**	**5300**	**ug/kg**	**1000**
Atrazine	ND	160000	ug/kg	17000
Benzo(a)anthracene	**350000**	**5300**	**ug/kg**	**750**
Benzo(a)pyrene	**270000**	**5300**	**ug/kg**	**1000**
Benzo(b)fluoranthene	**360000**	**5300**	**ug/kg**	**950**
Benzo(ghi)perylene	**150000**	**5300**	**ug/kg**	**1000**
Benzo(k)fluoranthene	**170000**	**5300**	**ug/kg**	**1300**
Benzaldehyde	ND	79000	ug/kg	17000
1,1'-Biphenyl	ND	40000	ug/kg	18000
bis(2-Chloroethoxy) methane	ND	79000	ug/kg	17000
bis(2-Chloroethyl)-ether	ND	79000	ug/kg	1600
bis(2-Ethylhexyl) phthalate	ND	40000	ug/kg	14000
4-Bromophenyl phenyl ether	ND	40000	ug/kg	17000
Butyl benzyl phthalate	ND	40000	ug/kg	15000
Caprolactam	ND	260000	ug/kg	29000
Carbazole	**130000**	**40000**	**ug/kg**	**15000**
4-Chloroaniline	ND	120000	ug/kg	13000
4-Chloro-3-methylphenol	ND	120000	ug/kg	17000
2-Chloronaphthalene	ND	40000	ug/kg	17000
2-Chlorophenol	ND	40000	ug/kg	21000
4-Chlorophenyl phenyl ether	ND	40000	ug/kg	19000
Chrysene	**350000**	**5300**	**ug/kg**	**710**
Dibenz(a,h)anthracene	**47000**	**5300**	**ug/kg**	**1000**
Dibenzofuran	**79000**	**40000**	**ug/kg**	**16000**
3,3'-Dichlorobenzidine	ND	79000	ug/kg	14000
2,4-Dichlorophenol	ND	120000	ug/kg	16000
Diethyl phthalate	ND	40000	ug/kg	15000

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-018

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN61AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	120000	ug/kg	16000
Dimethyl phthalate	ND	40000	ug/kg	17000
Di-n-butyl phthalate	ND	40000	ug/kg	15000
4,6-Dinitro-2-methylphenol	ND	120000	ug/kg	10000
2,4-Dinitrophenol	ND	260000	ug/kg	66000
2,4-Dinitrotoluene	ND	160000	ug/kg	14000
2,6-Dinitrotoluene	ND	160000	ug/kg	17000
Di-n-octyl phthalate	ND	40000	ug/kg	14000
Fluoranthene	**960000**	**5300**	**ug/kg**	**950**
Fluorene	**150000**	**5300**	**ug/kg**	**950**
Hexachlorobenzene	ND	5300	ug/kg	1700
Hexachlorobutadiene	ND	40000	ug/kg	21000
Hexachlorocyclopenta-diene	ND	260000	ug/kg	13000
Hexachloroethane	ND	40000	ug/kg	22000
Indeno(1,2,3-cd)pyrene	**130000**	**5300**	**ug/kg**	**1200**
Isophorone	ND	40000	ug/kg	17000
2-Methylnaphthalene	**36000**	**5300**	**ug/kg**	**1200**
2-Methylphenol	ND	160000	ug/kg	22000
4-Methylphenol	ND	160000	ug/kg	17000
Naphthalene	ND	5300	ug/kg	1300
2-Nitroaniline	ND	160000	ug/kg	17000
3-Nitroaniline	ND	160000	ug/kg	13000
4-Nitroaniline	ND	160000	ug/kg	21000
Nitrobenzene	ND	79000	ug/kg	1700
2-Nitrophenol	ND	40000	ug/kg	15000
4-Nitrophenol	ND	260000	ug/kg	87000
N-Nitrosodi-n-propyl-amine	ND	40000	ug/kg	18000
N-Nitrosodiphenylamine	ND	40000	ug/kg	17000
Pentachlorophenol	ND	120000	ug/kg	65000
Phenanthrene	**900000**	**5300**	**ug/kg**	**1600**
Phenol	ND	40000	ug/kg	20000
Pyrene	**700000**	**5300**	**ug/kg**	**870**
2,4,5-Trichloro-phenol	ND	120000	ug/kg	20000
2,4,6-Trichloro-phenol	ND	120000	ug/kg	17000

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-018

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN61AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	0.0 DIL,*	(24 - 112)
2-Fluorobiphenyl	0.0 DIL,*	(34 - 110)
Terphenyl-d14	0.0 DIL,*	(41 - 119)
Phenol-d5	0.0 DIL,*	(28 - 110)
2-Fluorophenol	0.0 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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-019

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN71AG **Matrix.....:** SO
Date Sampled...: 10/10/07 11:30 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
Dilution Factor: 10
% Moisture.....: 9.7 **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	**140**	**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	ND	74	ug/kg	11
Benzo(a)pyrene	**140**	**74**	**ug/kg**	**14**
Benzo(b)fluoranthene	**150**	**74**	**ug/kg**	**13**
Benzo(ghi)perylene	ND	74	ug/kg	14
Benzo(k)fluoranthene	**100**	**74**	**ug/kg**	**19**
Benzaldehyde	ND	1100	ug/kg	230
1,1'-Biphenyl	ND	550	ug/kg	250
bis(2-Chloroethoxy) methane	ND	1100	ug/kg	240
bis(2-Chloroethyl)-ether	ND	1100	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	550	ug/kg	200
4-Bromophenyl phenyl ether	ND	550	ug/kg	230
Butyl benzyl phthalate	ND	550	ug/kg	210
Caprolactam	ND	3700	ug/kg	410
Carbazole	ND	550	ug/kg	210
4-Chloroaniline	ND	1700	ug/kg	190
4-Chloro-3-methylphenol	ND	1700	ug/kg	230
2-Chloronaphthalene	ND	550	ug/kg	240
2-Chlorophenol	ND	550	ug/kg	290
4-Chlorophenyl phenyl ether	ND	550	ug/kg	270
Chrysene	**93**	**74**	**ug/kg**	**10**
Dibenz(a,h)anthracene	ND	74	ug/kg	14
Dibenzofuran	ND	550	ug/kg	220
3,3'-Dichlorobenzidine	ND	1100	ug/kg	200
2,4-Dichlorophenol	ND	1700	ug/kg	220
Diethyl phthalate	ND	550	ug/kg	210

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-019

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN71AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1700	ug/kg	220
Dimethyl phthalate	ND	550	ug/kg	230
Di-n-butyl phthalate	ND	550	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	550	ug/kg	200
Fluoranthene	**300**	**74**	**ug/kg**	**13**
Fluorene	**96**	**74**	**ug/kg**	**13**
Hexachlorobenzene	ND	74	ug/kg	23
Hexachlorobutadiene	ND	550	ug/kg	290
Hexachlorocyclopenta-diene	ND	3700	ug/kg	180
Hexachloroethane	ND	550	ug/kg	310
Indeno(1,2,3-cd)pyrene	ND	74	ug/kg	17
Isophorone	ND	550	ug/kg	230
2-Methylnaphthalene	**110**	**74**	**ug/kg**	**17**
2-Methylphenol	ND	2200	ug/kg	310
4-Methylphenol	ND	2200	ug/kg	240
Naphthalene	ND	74	ug/kg	18
2-Nitroaniline	ND	2200	ug/kg	240
3-Nitroaniline	ND	2200	ug/kg	180
4-Nitroaniline	ND	2200	ug/kg	290
Nitrobenzene	ND	1100	ug/kg	24
2-Nitrophenol	ND	550	ug/kg	210
4-Nitrophenol	ND	3700	ug/kg	1200
N-Nitrosodi-n-propyl-amine	ND	550	ug/kg	250
N-Nitrosodiphenylamine	ND	550	ug/kg	230
Pentachlorophenol	ND	1700	ug/kg	910
Phenanthrene	**250**	**74**	**ug/kg**	**22**
Phenol	ND	550	ug/kg	280
Pyrene	**280**	**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-17322-101007-CB-019

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN71AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64 DIL	(24 - 112)
2-Fluorobiphenyl	88 DIL	(34 - 110)
Terphenyl-d14	105 DIL	(41 - 119)
Phenol-d5	64 DIL	(28 - 110)
2-Fluorophenol	56 DIL	(26 - 110)
2,4,6-Tribromophenol	25 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-17322-101007-CB-020

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN91AG **Matrix.....:** SO
Date Sampled...: 10/10/07 11:35 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
Dilution Factor: 6.66
% Moisture.....: 9.8 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	740	ug/kg	190
Pyridine	ND	740	ug/kg	130
Acenaphthene	**520**	**49**	**ug/kg**	**9.6**
Acenaphthylene	**93**	**49**	**ug/kg**	**8.9**
Acetophenone	ND	740	ug/kg	190
Anthracene	**1500**	**49**	**ug/kg**	**9.6**
Atrazine	ND	1500	ug/kg	160
Benzo(a)anthracene	**3300**	**49**	**ug/kg**	**7.0**
Benzo(a)pyrene	**3300**	**49**	**ug/kg**	**9.6**
Benzo(b)fluoranthene	**4400**	**49**	**ug/kg**	**8.9**
Benzo(ghi)perylene	**2900**	**49**	**ug/kg**	**9.6**
Benzo(k)fluoranthene	**1400**	**49**	**ug/kg**	**13**
Benzaldehyde	ND	740	ug/kg	160
1,1'-Biphenyl	ND	370	ug/kg	170
bis(2-Chloroethoxy) methane	ND	740	ug/kg	160
bis(2-Chloroethyl)-ether	ND	740	ug/kg	15
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg	130
4-Bromophenyl phenyl ether	ND	370	ug/kg	160
Butyl benzyl phthalate	ND	370	ug/kg	140
Caprolactam	ND	2400	ug/kg	270
Carbazole	**450**	**370**	**ug/kg**	**140**
4-Chloroaniline	ND	1100	ug/kg	130
4-Chloro-3-methylphenol	ND	1100	ug/kg	160
2-Chloronaphthalene	ND	370	ug/kg	160
2-Chlorophenol	ND	370	ug/kg	190
4-Chlorophenyl phenyl ether	ND	370	ug/kg	180
Chrysene	**3200**	**49**	**ug/kg**	**6.6**
Dibenz(a,h)anthracene	**580**	**49**	**ug/kg**	**9.6**
Dibenzofuran	**310 J**	**370**	**ug/kg**	**150**
3,3'-Dichlorobenzidine	ND	740	ug/kg	130
2,4-Dichlorophenol	ND	1100	ug/kg	150
Diethyl phthalate	ND	370	ug/kg	140

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-020

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN91AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1100	ug/kg	150
Dimethyl phthalate	ND	370	ug/kg	160
Di-n-butyl phthalate	ND	370	ug/kg	140
4,6-Dinitro-2-methylphenol	ND	1100	ug/kg	96
2,4-Dinitrophenol	ND	2400	ug/kg	610
2,4-Dinitrotoluene	ND	1500	ug/kg	130
2,6-Dinitrotoluene	ND	1500	ug/kg	160
Di-n-octyl phthalate	ND	370	ug/kg	130
Fluoranthene	**7300**	**49**	**ug/kg**	**8.9**
Fluorene	**520**	**49**	**ug/kg**	**8.9**
Hexachlorobenzene	ND	49	ug/kg	16
Hexachlorobutadiene	ND	370	ug/kg	190
Hexachlorocyclopentadiene	ND	2400	ug/kg	120
Hexachloroethane	ND	370	ug/kg	210
Indeno(1,2,3-cd)pyrene	**2300**	**49**	**ug/kg**	**11**
Isophorone	ND	370	ug/kg	160
2-Methylnaphthalene	**330**	**49**	**ug/kg**	**11**
2-Methylphenol	ND	1500	ug/kg	210
4-Methylphenol	ND	1500	ug/kg	160
Naphthalene	**280**	**49**	**ug/kg**	**12**
2-Nitroaniline	ND	1500	ug/kg	160
3-Nitroaniline	ND	1500	ug/kg	120
4-Nitroaniline	ND	1500	ug/kg	190
Nitrobenzene	ND	740	ug/kg	16
2-Nitrophenol	ND	370	ug/kg	140
4-Nitrophenol	ND	2400	ug/kg	810
N-Nitrosodi-n-propylamine	ND	370	ug/kg	170
N-Nitrosodiphenylamine	ND	370	ug/kg	160
Pentachlorophenol	ND	1100	ug/kg	610
Phenanthrene	**4900**	**49**	**ug/kg**	**15**
Phenol	ND	370	ug/kg	180
Pyrene	**6100**	**49**	**ug/kg**	**8.1**
2,4,5-Trichlorophenol	ND	1100	ug/kg	180
2,4,6-Trichlorophenol	ND	1100	ug/kg	160

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-020

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN91AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	67 DIL	(24 - 112)
2-Fluorobiphenyl	79 DIL	(34 - 110)
Terphenyl-d14	109 DIL	(41 - 119)
Phenol-d5	64 DIL	(28 - 110)
2-Fluorophenol	62 DIL	(26 - 110)
2,4,6-Tribromophenol	52 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-17322-101007-CB-021

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA1AG **Matrix.....:** SO
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
Dilution Factor: 2
% Moisture.....: 13 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	230	ug/kg	60
Pyridine	ND	230	ug/kg	39
Acenaphthene	**69**	**15**	**ug/kg**	**3.0**
Acenaphthylene	ND	15	ug/kg	2.8
Acetophenone	ND	230	ug/kg	60
Anthracene	**260**	**15**	**ug/kg**	**3.0**
Atrazine	ND	460	ug/kg	48
Benzo(a)anthracene	**970**	**15**	**ug/kg**	**2.2**
Benzo(a)pyrene	**820**	**15**	**ug/kg**	**3.0**
Benzo(b)fluoranthene	**1100**	**15**	**ug/kg**	**2.8**
Benzo(ghi)perylene	**590**	**15**	**ug/kg**	**3.0**
Benzo(k)fluoranthene	**390**	**15**	**ug/kg**	**3.9**
Benzaldehyde	ND	230	ug/kg	48
1,1'-Biphenyl	ND	120	ug/kg	53
bis(2-Chloroethoxy) methane	ND	230	ug/kg	51
bis(2-Chloroethyl)-ether	ND	230	ug/kg	4.6
bis(2-Ethylhexyl) phthalate	**44 J**	**120**	**ug/kg**	**42**
4-Bromophenyl phenyl ether	ND	120	ug/kg	48
Butyl benzyl phthalate	ND	120	ug/kg	44
Caprolactam	ND	760	ug/kg	85
Carbazole	**140**	**120**	**ug/kg**	**44**
4-Chloroaniline	ND	350	ug/kg	39
4-Chloro-3-methylphenol	ND	350	ug/kg	48
2-Chloronaphthalene	ND	120	ug/kg	51
2-Chlorophenol	ND	120	ug/kg	60
4-Chlorophenyl phenyl ether	ND	120	ug/kg	55
Chrysene	**950**	**15**	**ug/kg**	**2.1**
Dibenz(a,h)anthracene	**140**	**15**	**ug/kg**	**3.0**
Dibenzofuran	**61 J**	**120**	**ug/kg**	**46**
3,3'-Dichlorobenzidine	ND	230	ug/kg	42
2,4-Dichlorophenol	ND	350	ug/kg	46
Diethyl phthalate	ND	120	ug/kg	44

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-021

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	350	ug/kg	46
Dimethyl phthalate	ND	120	ug/kg	48
Di-n-butyl phthalate	ND	120	ug/kg	44
4,6-Dinitro-2-methylphenol	ND	350	ug/kg	30
2,4-Dinitrophenol	ND	760	ug/kg	190
2,4-Dinitrotoluene	ND	460	ug/kg	42
2,6-Dinitrotoluene	ND	460	ug/kg	48
Di-n-octyl phthalate	ND	120	ug/kg	42
Fluoranthene	**1900**	**15**	**ug/kg**	**2.8**
Fluorene	**74**	**15**	**ug/kg**	**2.8**
Hexachlorobenzene	ND	15	ug/kg	4.8
Hexachlorobutadiene	ND	120	ug/kg	60
Hexachlorocyclopentadiene	ND	760	ug/kg	37
Hexachloroethane	ND	120	ug/kg	65
Indeno(1,2,3-cd)pyrene	**500**	**15**	**ug/kg**	**3.5**
Isophorone	ND	120	ug/kg	48
2-Methylnaphthalene	**160**	**15**	**ug/kg**	**3.5**
2-Methylphenol	ND	460	ug/kg	65
4-Methylphenol	ND	460	ug/kg	51
Naphthalene	**100**	**15**	**ug/kg**	**3.7**
2-Nitroaniline	ND	460	ug/kg	51
3-Nitroaniline	ND	460	ug/kg	37
4-Nitroaniline	ND	460	ug/kg	60
Nitrobenzene	ND	230	ug/kg	5.1
2-Nitrophenol	ND	120	ug/kg	44
4-Nitrophenol	ND	760	ug/kg	250
N-Nitrosodi-n-propylamine	ND	120	ug/kg	53
N-Nitrosodiphenylamine	ND	120	ug/kg	48
Pentachlorophenol	ND	350	ug/kg	190
Phenanthrene	**980**	**15**	**ug/kg**	**4.6**
Phenol	ND	120	ug/kg	58
Pyrene	**1600**	**15**	**ug/kg**	**2.5**
2,4,5-Trichlorophenol	ND	350	ug/kg	58
2,4,6-Trichlorophenol	ND	350	ug/kg	48

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-021

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	60 DIL	(24 - 112)
2-Fluorobiphenyl	73 DIL	(34 - 110)
Terphenyl-d14	109 DIL	(41 - 119)
Phenol-d5	52 DIL	(28 - 110)
2-Fluorophenol	54 DIL	(26 - 110)
2,4,6-Tribromophenol	32 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-17322-101007-CB-022

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD1AG **Matrix.....:** SO
Date Sampled...: 10/10/07 12:00 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285036
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	**24**	**7.7**	**ug/kg**	**1.5**
Acenaphthylene	**50**	**7.7**	**ug/kg**	**1.4**
Acetophenone	ND	110	ug/kg	30
Anthracene	**73**	**7.7**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**160**	**7.7**	**ug/kg**	**1.1**
Benzo(a)pyrene	**170**	**7.7**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**280**	**7.7**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**130**	**7.7**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**98**	**7.7**	**ug/kg**	**2.0**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	**39 J**	**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	**56 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	43
Carbazole	**40 J**	**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	**220**	**7.7**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	**36**	**7.7**	**ug/kg**	**1.5**
Dibenzofuran	**130**	**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-17322-101007-CB-022

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD1AG **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	**300**	**7.7**	**ug/kg**	**1.4**
Fluorene	**29**	**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	**100**	**7.7**	**ug/kg**	**1.7**
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	**520**	**7.7**	**ug/kg**	**1.7**
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	**330**	**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	**340**	**7.7**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	29
Pyrene	**240**	**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-17322-101007-CB-022

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	52	(24 - 112)
2-Fluorobiphenyl	61	(34 - 110)
Terphenyl-d14	83	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	48	(26 - 110)
2,4,6-Tribromophenol	58	(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-17322-101007-CB-023

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE1AG **Matrix.....:** SO
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285037
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	**34**	**7.5**	**ug/kg**	**1.5**
Acenaphthylene	**22**	**7.5**	**ug/kg**	**1.3**
Acetophenone	ND	110	ug/kg	29
Anthracene	**66**	**7.5**	**ug/kg**	**1.5**
Atrazine	ND	220	ug/kg	24
Benzo(a)anthracene	**200**	**7.5**	**ug/kg**	**1.1**
Benzo(a)pyrene	**210**	**7.5**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**300**	**7.5**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**180**	**7.5**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**120**	**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	**64 B**	**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	**43 J**	**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	**260**	**7.5**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	**43**	**7.5**	**ug/kg**	**1.5**
Dibenzofuran	**53 J**	**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-17322-101007-CB-023

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE1AG **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	**440**	**7.5**	**ug/kg**	**1.3**
Fluorene	**40**	**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	**150**	**7.5**	**ug/kg**	**1.7**
Isophorone	ND	56	ug/kg	24
2-Methylnaphthalene	**160**	**7.5**	**ug/kg**	**1.7**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	25
Naphthalene	**110**	**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	**300**	**7.5**	**ug/kg**	**2.2**
Phenol	ND	56	ug/kg	28
Pyrene	**370**	**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-17322-101007-CB-023

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	70	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	87	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	58	(26 - 110)
2,4,6-Tribromophenol	50	(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-17322-101007-CB-024

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH1AG **Matrix.....:** SO
Date Sampled...: 10/10/07 12:10 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285037
Dilution Factor: 5
% Moisture.....: 5.9 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	530	ug/kg	140
Pyridine	ND	530	ug/kg	90
Acenaphthene	ND	35	ug/kg	6.9
Acenaphthylene	**66**	**35**	**ug/kg**	**6.4**
Acetophenone	ND	530	ug/kg	140
Anthracene	**84**	**35**	**ug/kg**	**6.9**
Atrazine	ND	1100	ug/kg	110
Benzo(a)anthracene	**210**	**35**	**ug/kg**	**5.0**
Benzo(a)pyrene	**290**	**35**	**ug/kg**	**6.9**
Benzo(b)fluoranthene	**450**	**35**	**ug/kg**	**6.4**
Benzo(ghi)perylene	**260**	**35**	**ug/kg**	**6.9**
Benzo(k)fluoranthene	**150**	**35**	**ug/kg**	**9.0**
Benzaldehyde	ND	530	ug/kg	110
1,1'-Biphenyl	ND	270	ug/kg	120
bis(2-Chloroethoxy) methane	ND	530	ug/kg	120
bis(2-Chloroethyl)-ether	ND	530	ug/kg	11
bis(2-Ethylhexyl) phthalate	ND	270	ug/kg	96
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	800	ug/kg	90
4-Chloro-3-methylphenol	ND	800	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	**330**	**35**	**ug/kg**	**4.8**
Dibenz(a,h)anthracene	**59**	**35**	**ug/kg**	**6.9**
Dibenzofuran	ND	270	ug/kg	110
3,3'-Dichlorobenzidine	ND	530	ug/kg	96
2,4-Dichlorophenol	ND	800	ug/kg	110
Diethyl phthalate	ND	270	ug/kg	100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-024

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	800	ug/kg	110
Dimethyl phthalate	ND	270	ug/kg	110
Di-n-butyl phthalate	**170 J**	**270**	**ug/kg**	**100**
4,6-Dinitro-2-methylphenol	ND	800	ug/kg	69
2,4-Dinitrophenol	ND	1800	ug/kg	440
2,4-Dinitrotoluene	ND	1100	ug/kg	96
2,6-Dinitrotoluene	ND	1100	ug/kg	110
Di-n-octyl phthalate	ND	270	ug/kg	96
Fluoranthene	**410**	**35**	**ug/kg**	**6.4**
Fluorene	ND	35	ug/kg	6.4
Hexachlorobenzene	ND	35	ug/kg	11
Hexachlorobutadiene	ND	270	ug/kg	140
Hexachlorocyclopenta-diene	ND	1800	ug/kg	85
Hexachloroethane	ND	270	ug/kg	150
Indeno(1,2,3-cd)pyrene	**210**	**35**	**ug/kg**	**8.0**
Isophorone	ND	270	ug/kg	110
2-Methylnaphthalene	**96**	**35**	**ug/kg**	**8.0**
2-Methylphenol	ND	1100	ug/kg	150
4-Methylphenol	ND	1100	ug/kg	120
Naphthalene	**49**	**35**	**ug/kg**	**8.5**
2-Nitroaniline	ND	1100	ug/kg	120
3-Nitroaniline	ND	1100	ug/kg	85
4-Nitroaniline	ND	1100	ug/kg	140
Nitrobenzene	ND	530	ug/kg	12
2-Nitrophenol	ND	270	ug/kg	100
4-Nitrophenol	ND	1800	ug/kg	580
N-Nitrosodi-n-propyl-amine	ND	270	ug/kg	120
N-Nitrosodiphenylamine	ND	270	ug/kg	110
Pentachlorophenol	ND	800	ug/kg	440
Phenanthrene	**210**	**35**	**ug/kg**	**11**
Phenol	ND	270	ug/kg	130
Pyrene	**370**	**35**	**ug/kg**	**5.8**
2,4,5-Trichloro-phenol	ND	800	ug/kg	130
2,4,6-Trichloro-phenol	ND	800	ug/kg	110

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-024

GC/MS Semivolatiles

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78 DIL	(24 - 112)
2-Fluorobiphenyl	85 DIL	(34 - 110)
Terphenyl-d14	104 DIL	(41 - 119)
Phenol-d5	85 DIL	(28 - 110)
2-Fluorophenol	74 DIL	(26 - 110)
2,4,6-Tribromophenol	71 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-17322-101007-CB-015

GC Semivolatiles

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM1A7 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
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	93	(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-17322-101007-CB-016

GC Semivolatiles

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN01AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 09:45 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 2
% Moisture.....: 12 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	75	ug/kg	25
Aroclor 1221	ND	75	ug/kg	30
Aroclor 1232	ND	75	ug/kg	27
Aroclor 1242	ND	75	ug/kg	32
Aroclor 1248	ND	75	ug/kg	34
Aroclor 1254	**610**	**75**	**ug/kg**	**20**
Aroclor 1260	ND	75	ug/kg	22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	115	(10 - 196)
Decachlorobiphenyl	123	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-017

GC Semivolatiles

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN31AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 11:15 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1
% Moisture.....: 20 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	14
Aroclor 1221	ND	41	ug/kg	16
Aroclor 1232	ND	41	ug/kg	15
Aroclor 1242	ND	41	ug/kg	17
Aroclor 1248	ND	41	ug/kg	19
Aroclor 1254	ND	41	ug/kg	11
Aroclor 1260	**49**	**41**	**ug/kg**	**12**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(10 - 196)
Decachlorobiphenyl	94	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-018

GC Semivolatiles

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN61AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 11:20 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1
% Moisture.....: 37 **Method.....:** SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	52	ug/kg	17
Aroclor 1221	ND	52	ug/kg	21
Aroclor 1232	ND	52	ug/kg	19
Aroclor 1242	ND	52	ug/kg	22
Aroclor 1248	ND	52	ug/kg	24
Aroclor 1254	ND	52	ug/kg	14
Aroclor 1260	**180**	**52**	**ug/kg**	**16**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	118	(10 - 196)
Decachlorobiphenyl	110	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-019

GC Semivolatiles

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN71AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 11:30 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1
% Moisture.....: 9.7 **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	9.7
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	89	(10 - 196)
Decachlorobiphenyl	85	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-020

GC Semivolatiles

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN91AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 11:35 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
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	**51**	**37**	**ug/kg**	**9.8**
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	102	(10 - 196)
Decachlorobiphenyl	141	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-021

GC Semivolatiles

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA1AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
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	**12 J**	**38**	**ug/kg**	**10**
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	103	(10 - 196)
Decachlorobiphenyl	144	(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-17322-101007-CB-022

GC Semivolatiles

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD1AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 12:00 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
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	**33 J**	**38**	**ug/kg**	**10**
Aroclor 1260	ND	38	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	115	(10 - 196)
Decachlorobiphenyl	170	(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-17322-101007-CB-023

GC Semivolatiles

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE1AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
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	**220**	**37**	**ug/kg**	**9.9**
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	112	(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-17322-101007-CB-024

GC Semivolatiles

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH1AJ **Matrix.....:** SO
Date Sampled...: 10/10/07 12:10 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1
% Moisture.....: 5.9 **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	**33 J**	**35**	**ug/kg**	**9.4**
Aroclor 1260	ND	35	ug/kg	10

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	106	(10 - 196)
Decachlorobiphenyl	90	(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-17322-101007-CB-015

TOTAL Metals

Lot-Sample #...: A7J110203-001 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**7.7**	**0.47**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PNM1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7285026						
Silver	**0.048 B**	**0.095**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PNM1A2**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**3650**	**18.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AE**
		Dilution Factor: 1		MDL.....: 11.4		
Arsenic	**3.3**	**0.095**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PNM1A0**
		Dilution Factor: 1		MDL.....: 0.073		
Barium	**17.2 J**	**0.95**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AF**
		Dilution Factor: 1		MDL.....: 0.084		
Beryllium	ND	0.19	mg/kg	SW846 6010B	10/12/07	J8PNM1AG
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**94900**	**2360**	**mg/kg**	**SW846 6010B**	**10/12-10/17/07**	**J8PNM1AJ**
		Dilution Factor: 5		MDL.....: 94.6		
Cadmium	**0.15**	**0.095**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AH**
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**4.6**	**0.47**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AK**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**8.1**	**0.47**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AV**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**17.1**	**0.95**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AL**
		Dilution Factor: 1		MDL.....: 0.88		
Iron	**10200**	**9.5**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AM**
		Dilution Factor: 1		MDL.....: 5.8		
Mercury	ND	0.047	mg/kg	SW846 7471A	10/12/07	J8PNM1AD
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-015

TOTAL Metals

Lot-Sample #...: A7J110203-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**618**	**473**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AR**
		Dilution Factor: 1		MDL.....: 7.3		
Magnesium	**15700**	**94.6**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AN**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**370 J**	**0.95**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AP**
		Dilution Factor: 1		MDL.....: 0.088		
Sodium	**368**	**94.6**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AT**
		Dilution Factor: 1		MDL.....: 78.0		
Nickel	**10.2**	**0.95**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AQ**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**5.6**	**0.28**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.067 B,J**	**0.19**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PNM1AX**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.15 B**	**0.20**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PNM1A1**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.13**	**0.095**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PNM1A3**
		Dilution Factor: 1		MDL.....: 0.0093		
Vanadium	**11.4**	**0.95**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PNM1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**25.0**	**0.95**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PNM1A4**
		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-17322-101007-CB-016

TOTAL Metals

Lot-Sample #...: A7J110203-002 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:45 **Date Received..:** 10/11/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**12.1**	**0.46**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PN01AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7285026						
Silver	**0.097**	**0.091**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN01AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5070**	**18.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**4.9**	**0.091**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN01AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**54.9 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	**0.14 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AT**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**29800**	**456**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AV**
		Dilution Factor: 1		MDL.....: 18.3		
Cadmium	**0.33**	**0.091**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**6.2**	**0.46**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**12.9**	**0.46**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**22.9**	**0.91**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01AX**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**10400**	**9.1**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.092**	**0.046**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PN01AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-016

TOTAL Metals

Lot-Sample #...: A7J110203-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**620**	**456**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**10100**	**91.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A1**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**208 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A2**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**408**	**91.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A5**
		Dilution Factor: 1		MDL.....: 75.3		
Nickel	**11.7**	**0.91**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**61.9**	**0.27**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.57 J**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN01A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.40**	**0.19**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN01AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.15**	**0.091**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN01AE**
		Dilution Factor: 1		MDL.....: 0.0090		
Vanadium	**14.7**	**0.91**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN01A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**104**	**0.91**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN01AF**
		Dilution Factor: 1		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-17322-101007-CB-017

TOTAL Metals

Lot-Sample #...: A7J110203-003 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:15 **Date Received..:** 10/11/07
% Moisture.....: 20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**16.0**	**0.50**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PN31AL**
		Dilution Factor: 1		MDL.....: 0.16		
Prep Batch #...: 7285026						
Silver	**0.098 B**	**0.099**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN31AD**
		Dilution Factor: 1		MDL.....: 0.020		
Aluminum	**5390**	**19.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AQ**
		Dilution Factor: 1		MDL.....: 11.9		
Arsenic	**5.1**	**0.099**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN31AA**
		Dilution Factor: 1		MDL.....: 0.077		
Barium	**44.8 J**	**0.99**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AR**
		Dilution Factor: 1		MDL.....: 0.088		
Beryllium	**0.074 B**	**0.20**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AT**
		Dilution Factor: 1		MDL.....: 0.053		
Calcium	**54400**	**497**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AV**
		Dilution Factor: 1		MDL.....: 19.9		
Cadmium	**0.30**	**0.099**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AU**
		Dilution Factor: 1		MDL.....: 0.045		
Cobalt	**5.8**	**0.50**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AW**
		Dilution Factor: 1		MDL.....: 0.20		
Chromium	**16.7**	**0.50**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A7**
		Dilution Factor: 1		MDL.....: 0.25		
Copper	**67.0**	**0.99**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31AX**
		Dilution Factor: 1		MDL.....: 0.92		
Iron	**16000**	**9.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A0**
		Dilution Factor: 1		MDL.....: 6.1		
Mercury	**0.058**	**0.050**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PN31AP**
		Dilution Factor: 1		MDL.....: 0.016		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-017

TOTAL Metals

Lot-Sample #...: A7J110203-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**786**	**497**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A4**
		Dilution Factor: 1		MDL.....: 7.7		
Magnesium	**10200**	**99.4**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A1**
		Dilution Factor: 1		MDL.....: 6.3		
Manganese	**317 J**	**0.99**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A2**
		Dilution Factor: 1		MDL.....: 0.092		
Sodium	**543**	**99.4**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A5**
		Dilution Factor: 1		MDL.....: 82.0		
Nickel	**38.2**	**0.99**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A3**
		Dilution Factor: 1		MDL.....: 0.34		
Lead	**139**	**0.30**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A8**
		Dilution Factor: 1		MDL.....: 0.24		
Antimony	**0.31 J**	**0.20**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN31A9**
		Dilution Factor: 1		MDL.....: 0.030		
Selenium	ND	0.21	mg/kg	SW846 6020	10/12-10/15/07	J8PN31AC
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.14**	**0.099**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN31AE**
		Dilution Factor: 1		MDL.....: 0.0098		
Vanadium	**15.3**	**0.99**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN31A6**
		Dilution Factor: 1		MDL.....: 0.15		
Zinc	**152**	**0.99**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN31AF**
		Dilution Factor: 1		MDL.....: 0.55		

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-17322-101007-CB-018

TOTAL Metals

Lot-Sample #...: A7J110203-004 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:20 **Date Received..:** 10/11/07
% Moisture.....: 37

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**67.4**	**0.63**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PN61AL**
		Dilution Factor: 1		MDL.....: 0.21		
Prep Batch #...: 7285026						
Silver	**0.44**	**0.13**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN61AD**
		Dilution Factor: 1		MDL.....: 0.025		
Aluminum	**9920**	**25.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AQ**
		Dilution Factor: 1		MDL.....: 15.2		
Arsenic	**11.4**	**0.13**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN61AA**
		Dilution Factor: 1		MDL.....: 0.098		
Barium	**263 J**	**1.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AR**
		Dilution Factor: 1		MDL.....: 0.11		
Beryllium	**0.26**	**0.25**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AT**
		Dilution Factor: 1		MDL.....: 0.068		
Calcium	**42700**	**634**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AV**
		Dilution Factor: 1		MDL.....: 25.3		
Cadmium	**1.4**	**0.13**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AU**
		Dilution Factor: 1		MDL.....: 0.057		
Cobalt	**12.9**	**0.63**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AW**
		Dilution Factor: 1		MDL.....: 0.25		
Chromium	**67.4**	**0.63**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A7**
		Dilution Factor: 1		MDL.....: 0.32		
Copper	**404**	**1.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61AX**
		Dilution Factor: 1		MDL.....: 1.2		
Iron	**39300**	**12.7**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A0**
		Dilution Factor: 1		MDL.....: 7.8		
Mercury	**0.39**	**0.063**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PN61AP**
		Dilution Factor: 1		MDL.....: 0.021		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-018

TOTAL Metals

Lot-Sample #...: A7J110203-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1650**	**634**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A4**
		Dilution Factor: 1		MDL.....: 9.8		
Magnesium	**11900**	**127**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A1**
		Dilution Factor: 1		MDL.....: 8.1		
Manganese	**391 J**	**1.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A2**
		Dilution Factor: 1		MDL.....: 0.12		
Sodium	**711**	**127**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A5**
		Dilution Factor: 1		MDL.....: 105		
Nickel	**123**	**1.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A3**
		Dilution Factor: 1		MDL.....: 0.43		
Lead	**835**	**0.38**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A8**
		Dilution Factor: 1		MDL.....: 0.30		
Antimony	**1.5 J**	**0.25**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN61A9**
		Dilution Factor: 1		MDL.....: 0.038		
Selenium	**1.2**	**0.27**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN61AC**
		Dilution Factor: 1		MDL.....: 0.14		
Thallium	**0.28**	**0.13**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN61AE**
		Dilution Factor: 1		MDL.....: 0.013		
Vanadium	**28.3**	**1.3**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN61A6**
		Dilution Factor: 1		MDL.....: 0.19		
Zinc	**411**	**1.3**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN61AF**
		Dilution Factor: 1		MDL.....: 0.70		

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-17322-101007-CB-019

TOTAL Metals

Lot-Sample #...: A7J110203-005 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:30 **Date Received..:** 10/11/07
% Moisture.....: 9.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**8.4**	**0.44**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PN71AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7285026						
Silver	**0.060 B**	**0.089**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN71AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5660**	**17.7**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AQ**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**4.1**	**0.089**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN71AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**35.6 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.056 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**52200**	**443**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AV**
		Dilution Factor: 1		MDL.....: 17.7		
Cadmium	**0.21**	**0.089**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**5.9**	**0.44**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**11.5**	**0.44**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**17.2**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71AX**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**12600**	**8.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.022 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PN71AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-019

TOTAL Metals

Lot-Sample #...: A7J110203-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1070**	**443**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**11500**	**88.6**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**363 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A2**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**552**	**88.6**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A5**
		Dilution Factor: 1		MDL.....: 73.1		
Nickel	**17.3**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**14.0**	**0.27**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.099 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN71A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	10/12-10/15/07	J8PN71AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.15**	**0.089**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN71AE**
		Dilution Factor: 1		MDL.....: 0.0087		
Vanadium	**15.3**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN71A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**57.1**	**0.89**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN71AF**
		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-17322-101007-CB-020

TOTAL Metals

Lot-Sample #...: A7J110203-006 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:35 **Date Received..:** 10/11/07
% Moisture.....: 9.8

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**21.1**	**0.44**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PN91AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7285026						
Silver	**0.13**	**0.089**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN91AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5790**	**17.7**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AQ**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**5.9**	**0.089**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN91AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**64.8 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.077 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**29100**	**443**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AV**
		Dilution Factor: 1		MDL.....: 17.7		
Cadmium	**0.43**	**0.089**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**6.8**	**0.44**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**21.8**	**0.44**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**203**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91AX**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**15500**	**8.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.091**	**0.044**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PN91AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-020

TOTAL Metals

Lot-Sample #...: A7J110203-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**938**	**443**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**7060**	**88.7**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**240 J**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A2**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**191**	**88.7**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A5**
		Dilution Factor: 1		MDL.....: 73.1		
Nickel	**39.3**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**127**	**0.27**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.53 J**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN91A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.23**	**0.19**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN91AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.15**	**0.089**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN91AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**16.8**	**0.89**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PN91A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**101**	**0.89**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PN91AF**
		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-17322-101007-CB-021

TOTAL Metals

Lot-Sample #...: A7J110203-007 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**9.9**	**0.46**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PPA1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7285026						
Silver	**0.066 B**	**0.092**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPA1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5460**	**18.5**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1AQ**
		Dilution Factor: 1		MDL.....: 11.1		
Arsenic	**4.3**	**0.092**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPA1AA**
		Dilution Factor: 1		MDL.....: 0.072		
Barium	**40.3 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1AR**
		Dilution Factor: 1		MDL.....: 0.082		
Beryllium	**0.077 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/12-10/15/07**	**J8PPA1AT**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**90700**	**2310**	**mg/kg**	**SW846 6010B**	**10/12-10/15/07**	**J8PPA1AV**
		Dilution Factor: 5		MDL.....: 92.4		
Cadmium	**0.15**	**0.092**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**4.4**	**0.46**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**11.1**	**0.46**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**17.6**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**11500**	**9.2**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A0**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.024 B**	**0.046**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PPA1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-021

TOTAL Metals

Lot-Sample #...: A7J110203-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1330**	**462**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A4**
		Dilution Factor: 1		MDL.....: 7.2		
Magnesium	**9250**	**92.4**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**254 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	**472**	**92.4**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A5**
		Dilution Factor: 1		MDL.....: 76.2		
Nickel	**10.4**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**33.0**	**0.28**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.39 J**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPA1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	10/12-10/15/07	J8PPA1AC
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.13**	**0.092**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPA1AE**
		Dilution Factor: 1		MDL.....: 0.0091		
Vanadium	**13.7**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPA1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**41.3**	**0.92**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPA1AF**
		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-17322-101007-CB-022

TOTAL Metals

Lot-Sample #...: A7J110203-008 **Matrix.....:** SO
Date Sampled...: 10/10/07 12:00 **Date Received..:** 10/11/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**10.8**	**0.46**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PPD1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7285026						
Silver	**0.075 B**	**0.092**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPD1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5550**	**18.4**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**7.3**	**0.092**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPD1AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**42.1 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1AR**
		Dilution Factor: 1		MDL.....: 0.082		
Beryllium	**0.17 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/12-10/15/07**	**J8PPD1AT**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**44100**	**460**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1AV**
		Dilution Factor: 1		MDL.....: 18.4		
Cadmium	**0.23**	**0.092**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**5.6**	**0.46**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**11.6**	**0.46**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**21.3**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**14500**	**9.2**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.087**	**0.046**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PPD1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-022

TOTAL Metals

Lot-Sample #...: A7J110203-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1020**	**460**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**12100**	**91.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A1**
		Dilution Factor: 1		MDL.....: 5.9		
Manganese	**349 J**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	**574**	**91.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A5**
		Dilution Factor: 1		MDL.....: 75.8		
Nickel	**13.2**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**52.7**	**0.28**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.27 J**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPD1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	**0.41**	**0.20**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPD1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.15**	**0.092**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPD1AE**
		Dilution Factor: 1		MDL.....: 0.0091		
Vanadium	**14.9**	**0.92**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PPD1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**55.1**	**0.92**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PPD1AF**
		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-17322-101007-CB-023

TOTAL Metals

Lot-Sample #...: A7J110203-009 **Matrix.....:** SO
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
% Moisture.....: 11

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**10.2**	**0.45**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PQE1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7285026						
Silver	**0.062 B**	**0.090**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQE1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**4320**	**17.9**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1AQ**
		Dilution Factor: 1		MDL.....: 10.7		
Arsenic	**4.6**	**0.090**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQE1AA**
		Dilution Factor: 1		MDL.....: 0.069		
Barium	**32.0 J**	**0.90**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1AR**
		Dilution Factor: 1		MDL.....: 0.079		
Beryllium	**0.089 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/12-10/15/07**	**J8PQE1AT**
		Dilution Factor: 1		MDL.....: 0.048		
Calcium	**77600**	**2240**	**mg/kg**	**SW846 6010B**	**10/12-10/15/07**	**J8PQE1AV**
		Dilution Factor: 5		MDL.....: 89.6		
Cadmium	**0.27**	**0.090**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1AU**
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**4.8**	**0.45**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**10.9**	**0.45**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**22.9**	**0.90**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1AX**
		Dilution Factor: 1		MDL.....: 0.83		
Iron	**11800**	**9.0**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A0**
		Dilution Factor: 1		MDL.....: 5.5		
Mercury	**0.044 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PQE1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-023

TOTAL Metals

Lot-Sample #...: A7J110203-009 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**825**	**448**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A4**
		Dilution Factor: 1		MDL.....: 6.9		
Magnesium	**10000**	**89.6**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A1**
		Dilution Factor: 1		MDL.....: 5.7		
Manganese	**270 J**	**0.90**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A2**
		Dilution Factor: 1		MDL.....: 0.083		
Sodium	**420**	**89.6**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A5**
		Dilution Factor: 1		MDL.....: 73.9		
Nickel	**12.9**	**0.90**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**29.2**	**0.27**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.22 J**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQE1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.11 B**	**0.19**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQE1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.12**	**0.090**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQE1AE**
		Dilution Factor: 1		MDL.....: 0.0088		
Vanadium	**13.3**	**0.90**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQE1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**58.6**	**0.90**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQE1AF**
		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-17322-101007-CB-024

TOTAL Metals

Lot-Sample #...: A7J110203-010 **Matrix.....:** SO
Date Sampled...: 10/10/07 12:10 **Date Received..:** 10/11/07
% Moisture.....: 5.9

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285025						
Trivalent Chromium	**9.2**	**0.43**	**mg/kg**	**SW846 7196A**	**10/12/07**	**J8PQH1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7285026						
Silver	**0.093**	**0.085**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQH1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**4420**	**17.0**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1AQ**
		Dilution Factor: 1		MDL.....: 10.2		
Arsenic	**6.5**	**0.085**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQH1AA**
		Dilution Factor: 1		MDL.....: 0.066		
Barium	**39.9 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1AR**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	**0.10 B**	**0.17**	**mg/kg**	**SW846 6010B**	**10/12-10/15/07**	**J8PQH1AT**
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**38600**	**425**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1AV**
		Dilution Factor: 1		MDL.....: 17.0		
Cadmium	**0.56**	**0.085**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1AU**
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**5.3**	**0.43**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**9.7**	**0.43**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A7**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**25.6**	**0.85**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1AX**
		Dilution Factor: 1		MDL.....: 0.79		
Iron	**12000**	**8.5**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A0**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	**0.040 B**	**0.043**	**mg/kg**	**SW846 7471A**	**10/12/07**	**J8PQH1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-024

TOTAL Metals

Lot-Sample #...: A7J110203-010 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**909**	**425**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A4**
		Dilution Factor: 1		MDL.....: 6.6		
Magnesium	**7890**	**85.0**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A1**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**348 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A2**
		Dilution Factor: 1		MDL.....: 0.079		
Sodium	**97.0**	**85.0**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A5**
		Dilution Factor: 1		MDL.....: 70.2		
Nickel	**19.8**	**0.85**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**20.6**	**0.26**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.51 J**	**0.17**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQH1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.16 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQH1AC**
		Dilution Factor: 1		MDL.....: 0.096		
Thallium	**0.17**	**0.085**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQH1AE**
		Dilution Factor: 1		MDL.....: 0.0084		
Vanadium	**26.0**	**0.85**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8PQH1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**70.6**	**0.85**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8PQH1AF**
		Dilution Factor: 1		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: WS-17322-101007-CB-001

TOTAL Metals

Lot-Sample #...: A7J110203-013 **Matrix.....:** WS
Date Sampled...: 10/10/07 13:45 **Date Received..:** 10/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285012						
Calcium	**43600**	**5000**	**ug/L**	**SW846 6010B**	**10/12/07**	**J8PQ81AA**
		Dilution Factor: 1		MDL.....: 130		
Magnesium	**20300**	**1000**	**ug/L**	**SW846 6010B**	**10/12/07**	**J8PQ81AC**
		Dilution Factor: 1		MDL.....: 34.0		
Prep Batch #...: 7285013						
Hardness	**193**	**33.1**	**mg/L**	**SM18 2340B**	**10/12/07**	**J8PQ81AD**
		Dilution Factor: 1		MDL.....:		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: WS-17322-101007-CB-002

TOTAL Metals

Lot-Sample #...: A7J110203-014 **Matrix.....:** WS
Date Sampled...: 10/10/07 14:00 **Date Received..:** 10/11/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7285012						
Calcium	**48400**	**5000**	**ug/L**	**SW846 6010B**	**10/12/07**	**J8PRF1AA**
		Dilution Factor: 1		MDL.....: 130		
Magnesium	**22400**	**1000**	**ug/L**	**SW846 6010B**	**10/12/07**	**J8PRF1AC**
		Dilution Factor: 1		MDL.....: 34.0		
Prep Batch #...: 7285013						
Hardness	**213**	**33.1**	**mg/L**	**SM18 2340B**	**10/12/07**	**J8PRF1AD**
		Dilution Factor: 1		MDL.....:		

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101007-CB-015

General Chemistry

Lot-Sample #...: A7J110203-001 **Work Order #...:** J8PNM **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
% Moisture.....: 15

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	**0.49 B**	**0.95**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-016

General Chemistry

Lot-Sample #...: A7J110203-002 **Work Order #...:** J8PN0 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:45 **Date Received..:** 10/11/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**2.9**	**0.23**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.79 B**	**0.91**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-017

General Chemistry

Lot-Sample #...: A7J110203-003 **Work Order #...:** J8PN3 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:15 **Date Received..:** 10/11/07
% Moisture.....: 20

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.31**	**0.25**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**0.74 B**	**0.99**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.26		
Percent Solids	**80.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-018

General Chemistry

Lot-Sample #...: A7J110203-004 **Work Order #...:** J8PN6 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:20 **Date Received..:** 10/11/07
% Moisture.....: 37

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**1.4**	**0.32**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.16		
Hexavalent Chromium	ND	1.3	mg/kg	SW846 7196A	10/16-10/17/07	7289491
		Dilution Factor: 1		MDL.....: 0.33		
Percent Solids	**63.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-019

General Chemistry

Lot-Sample #...: A7J110203-005 **Work Order #...:** J8PN7 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:30 **Date Received..:** 10/11/07
% Moisture.....: 9.7

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	**3.1**	**0.89**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-020

General Chemistry

Lot-Sample #...: A7J110203-006 **Work Order #...:** J8PN9 **Matrix.....:** SO
Date Sampled...: 10/10/07 11:35 **Date Received..:** 10/11/07
% Moisture.....: 9.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.13 B**	**0.22**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.77 B**	**0.89**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.2**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-021

General Chemistry

Lot-Sample #...: A7J110203-007 **Work Order #...:** J8PPA **Matrix.....:** SO
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.20 B**	**0.23**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.3**	**0.92**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**86.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-022

General Chemistry

Lot-Sample #...: A7J110203-008 **Work Order #...:** J8PPD **Matrix.....:** SO
Date Sampled...: 10/10/07 12:00 **Date Received..:** 10/11/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.12 B**	**0.23**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.74 B**	**0.92**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-023

General Chemistry

Lot-Sample #...: A7J110203-009 **Work Order #...:** J8PQE **Matrix.....:** SO
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
% Moisture.....: 11

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.13 B**	**0.22**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.69 B**	**0.90**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**89.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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-17322-101007-CB-024

General Chemistry

Lot-Sample #...: A7J110203-010 **Work Order #...:** J8PQH **Matrix.....:** SO
Date Sampled...: 10/10/07 12:10 **Date Received..:** 10/11/07
% Moisture.....: 5.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.18 B**	**0.21**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288428**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.51 B**	**0.85**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**94.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/17-10/18/07**	**7290388**
		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: WS-17322-101007-CB-001

General Chemistry

Lot-Sample #...: A7J110203-013 **Work Order #...:** J8PQ8 **Matrix.....:** WS
Date Sampled...: 10/10/07 13:45 **Date Received..:** 10/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	**7.8**		**No Units**	**MCAWW 150.1**	**10/11/07**	**7285194**
	Dilution Factor: 1		MDL.....:			

Conestoga-Rovers & Associates, Inc.

Client Sample ID: WS-17322-101007-CB-002

General Chemistry

Lot-Sample #...: A7J110203-014 **Work Order #...:** J8PRF **Matrix.....:** WS
Date Sampled...: 10/10/07 14:00 **Date Received..:** 10/11/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	**7.8**		**No Units**	**MCAWW 150.1**	**10/11/07**	**7285194**

Dilution Factor: 1 MDL.....:

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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80D11AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J130000-191

Prep Date.....: 10/13/07
Analysis Date..: 10/13/07 **Prep Batch #...:** 7286191
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	**0.66 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.60 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,4-Dichlorobenzene	**0.74 J**	**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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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80D11AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichloro-benzene	**1.7 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	88	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
Toluene-d8	80	(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.

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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J150000-157
Prep Date.....: 10/14/07
Analysis Date..: 10/14/07 **Prep Batch #...:** 7288157
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
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
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
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	**0.46 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.42 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
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylene chloride	**5.0**	**5.0**	**ug/kg**	**SW846 8260B**
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Methyl tert-butyl ether	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

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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
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
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	81	(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.

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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J818V1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J150000-494

Prep Date.....: 10/11/07
Analysis Date..: 10/15/07 **Prep Batch #...:** 7288494
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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	160	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
Dibromochloromethane	ND	40	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	200	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
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
Trichlorofluoromethane	ND	80	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
Methylcyclohexane	ND	960	ug/kg	SW846 8260B
Methylene chloride	ND	200	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	2000	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	80	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J818V1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
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
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	200	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	80	ug/kg	SW846 8260B
Vinyl chloride	ND	32	ug/kg	SW846 8260B
Xylenes (total)	ND	120	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	200	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(59 - 138)
1,2-Dichloroethane-d4	106	(61 - 130)
Toluene-d8	110	(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 #...: A7J110203 **Work Order #...:** J82X41AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J160000-285

Prep Date.....: 10/15/07
Analysis Date..: 10/15/07 **Prep Batch #...:** 7289285
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	**0.46 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.47 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	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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GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J82X41AA **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	94	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	86	(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 #...: A7J110203 **Work Order #...:** J80D11AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J130000-191 J80D11AD-LCSD
Prep Date.....: 10/13/07 **Analysis Date..:** 10/13/07
Prep Batch #...: 7286191
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	64	ug/kg	127		SW846 8260B
	50	54	ug/kg	108	16	SW846 8260B
Benzene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.9**	**SW846 8260B**
Bromodichloromethane	50	55	ug/kg	109		SW846 8260B
	50	52	ug/kg	105	4.1	SW846 8260B
Bromoform	50	58	ug/kg	115		SW846 8260B
	50	55	ug/kg	111	4.2	SW846 8260B
Bromomethane	50	53	ug/kg	105		SW846 8260B
	50	54	ug/kg	108	2.9	SW846 8260B
2-Butanone	50	61	ug/kg	122		SW846 8260B
	50	52	ug/kg	104	16	SW846 8260B
Carbon disulfide	50	58	ug/kg	116		SW846 8260B
	50	58	ug/kg	116	0.13	SW846 8260B
Carbon tetrachloride	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	1.6	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**53**	**ug/kg**	**105**	**0.44**	**SW846 8260B**
Dibromochloromethane	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	109	0.87	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	61	ug/kg	122		SW846 8260B
	50	52	ug/kg	104	15	SW846 8260B
Chloroethane	50	55	ug/kg	110		SW846 8260B
	50	56	ug/kg	113	2.6	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.64	SW846 8260B
Chloromethane	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	99	0.62	SW846 8260B
Cyclohexane	50	52	ug/kg	105		SW846 8260B
	50	53	ug/kg	106	1.4	SW846 8260B
1,2-Dibromoethane	50	57	ug/kg	114		SW846 8260B
	50	53	ug/kg	107	7.0	SW846 8260B
1,2-Dichlorobenzene	50	55	ug/kg	109		SW846 8260B
	50	54	ug/kg	108	1.6	SW846 8260B
1,3-Dichlorobenzene	50	55	ug/kg	111		SW846 8260B
	50	55	ug/kg	110	0.17	SW846 8260B
1,4-Dichlorobenzene	50	54	ug/kg	109		SW846 8260B
	50	54	ug/kg	108	0.77	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80D11AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J130000-191 J80D11AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	40	ug/kg	79		SW846 8260B
	50	40	ug/kg	80	1.3	SW846 8260B
1,1-Dichloroethane	50	56	ug/kg	112		SW846 8260B
	50	55	ug/kg	110	1.3	SW846 8260B
1,2-Dichloroethane	50	57	ug/kg	113		SW846 8260B
	50	53	ug/kg	106	6.8	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**114**		**SW846 8260B**
	50	**56**	**ug/kg**	**111**	**2.6**	**SW846 8260B**
cis-1,2-Dichloroethene	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	114	0.060	SW846 8260B
trans-1,2-Dichloroethene	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	113	0.93	SW846 8260B
1,2-Dichloropropane	50	55	ug/kg	109		SW846 8260B
	50	55	ug/kg	109	0.36	SW846 8260B
cis-1,3-Dichloropropene	50	55	ug/kg	109		SW846 8260B
	50	53	ug/kg	106	3.5	SW846 8260B
trans-1,3-Dichloropropene	50	54	ug/kg	107		SW846 8260B
	50	52	ug/kg	104	2.9	SW846 8260B
Ethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	107	0.22	SW846 8260B
Trichlorofluoromethane	50	59	ug/kg	117		SW846 8260B
	50	58	ug/kg	115	1.8	SW846 8260B
2-Hexanone	50	57	ug/kg	115		SW846 8260B
	50	51	ug/kg	103	11	SW846 8260B
Isopropylbenzene	50	60	ug/kg	120		SW846 8260B
	50	61	ug/kg	123	2.4	SW846 8260B
Methyl acetate	50	65	ug/kg	130		SW846 8260B
	50	56	ug/kg	112	15	SW846 8260B
Methylcyclohexane	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	0.98	SW846 8260B
Methylene chloride	50	60	ug/kg	120		SW846 8260B
	50	59	ug/kg	117	2.5	SW846 8260B
4-Methyl-2-pentanone	50	63	ug/kg	126		SW846 8260B
	50	53	ug/kg	107	17	SW846 8260B
Styrene	50	57	ug/kg	113		SW846 8260B
	50	56	ug/kg	112	1.4	SW846 8260B
1,1,2,2-Tetrachloroethane	50	60	ug/kg	120		SW846 8260B
	50	55	ug/kg	110	8.1	SW846 8260B
Tetrachloroethene	50	54	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	0.86	SW846 8260B
Toluene	**50**	**52**	**ug/kg**	**103**		**SW846 8260B**
	50	**52**	**ug/kg**	**103**	**0.0**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80D11AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J130000-191 J80D11AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	59	ug/kg	119		SW846 8260B
	50	55	ug/kg	110	7.5	SW846 8260B
1,1,1-Trichloroethane	50	55	ug/kg	111		SW846 8260B
	50	55	ug/kg	110	0.92	SW846 8260B
1,1,2-Trichloroethane	50	56	ug/kg	112		SW846 8260B
	50	53	ug/kg	107	5.0	SW846 8260B
Trichloroethene	**50**	**56**	**ug/kg**	**112**		**SW846 8260B**
	50	**55**	**ug/kg**	**110**	**2.4**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	66	ug/kg	131		SW846 8260B
	50	65	ug/kg	130	0.65	SW846 8260B
1,2,4-Trimethylbenzene	50	55	ug/kg	109		SW846 8260B
	50	55	ug/kg	111	1.3	SW846 8260B
1,3,5-Trimethylbenzene	50	56	ug/kg	111		SW846 8260B
	50	56	ug/kg	113	1.4	SW846 8260B
Vinyl chloride	50	48	ug/kg	95		SW846 8260B
	50	48	ug/kg	96	1.1	SW846 8260B
Xylenes (total)	150	160	ug/kg	109		SW846 8260B
	150	160	ug/kg	108	0.41	SW846 8260B
Methyl tert-butyl ether	50	62	ug/kg	124		SW846 8260B
	50	56	ug/kg	113	9.4	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
	88	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	85	(61 - 130)
Toluene-d8	80	(60 - 143)
	81	(60 - 143)
4-Bromofluorobenzene	86	(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 #...: A7J110203 **Work Order #...:** J80D11AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J130000-191 J80D11AD-LCSD
Prep Date.....: 10/13/07 **Analysis Date..:** 10/13/07
Prep Batch #...: 7286191
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	127	(58 - 130)			SW846 8260B
	108	(58 - 130)	16	(0-30)	SW846 8260B
Benzene	**109**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**1.9**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	109	(72 - 125)			SW846 8260B
	105	(72 - 125)	4.1	(0-30)	SW846 8260B
Bromoform	115	(43 - 149)			SW846 8260B
	111	(43 - 149)	4.2	(0-30)	SW846 8260B
Bromomethane	105	(24 - 152)			SW846 8260B
	108	(24 - 152)	2.9	(0-30)	SW846 8260B
2-Butanone	122	(27 - 200)			SW846 8260B
	104	(27 - 200)	16	(0-46)	SW846 8260B
Carbon disulfide	116	(50 - 137)			SW846 8260B
	116	(50 - 137)	0.13	(0-30)	SW846 8260B
Carbon tetrachloride	107	(57 - 137)			SW846 8260B
	108	(57 - 137)	1.6	(0-30)	SW846 8260B
Chlorobenzene	**106**	**(75 - 127)**			**SW846 8260B**
	105	**(75 - 127)**	**0.44**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	110	(49 - 135)			SW846 8260B
	109	(49 - 135)	0.87	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	122	(50 - 150)			SW846 8260B
	104	(50 - 150)	15	(0-30)	SW846 8260B
Chloroethane	110	(31 - 144)			SW846 8260B
	113	(31 - 144)	2.6	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.64	(0-30)	SW846 8260B
Chloromethane	99	(15 - 136)			SW846 8260B
	99	(15 - 136)	0.62	(0-30)	SW846 8260B
Cyclohexane	105	(50 - 150)			SW846 8260B
	106	(50 - 150)	1.4	(0-20)	SW846 8260B
1,2-Dibromoethane	114	(50 - 150)			SW846 8260B
	107	(50 - 150)	7.0	(0-30)	SW846 8260B
1,2-Dichlorobenzene	109	(50 - 150)			SW846 8260B
	108	(50 - 150)	1.6	(0-30)	SW846 8260B
1,3-Dichlorobenzene	111	(50 - 150)			SW846 8260B
	110	(50 - 150)	0.17	(0-20)	SW846 8260B
1,4-Dichlorobenzene	109	(50 - 150)			SW846 8260B
	108	(50 - 150)	0.77	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80D11AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J130000-191 J80D11AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	79	(50 - 150)			SW846 8260B
	80	(50 - 150)	1.3	(0-20)	SW846 8260B
1,1-Dichloroethane	112	(77 - 119)			SW846 8260B
	110	(77 - 119)	1.3	(0-30)	SW846 8260B
1,2-Dichloroethane	113	(78 - 121)			SW846 8260B
	106	(78 - 121)	6.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**114**	**(55 - 142)**			**SW846 8260B**
	111	**(55 - 142)**	**2.6**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	114	(77 - 114)			SW846 8260B
	114	(77 - 114)	0.060	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	114	(68 - 117)			SW846 8260B
	113	(68 - 117)	0.93	(0-30)	SW846 8260B
1,2-Dichloropropane	109	(78 - 116)			SW846 8260B
	109	(78 - 116)	0.36	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	109	(71 - 125)			SW846 8260B
	106	(71 - 125)	3.5	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	107	(67 - 125)			SW846 8260B
	104	(67 - 125)	2.9	(0-30)	SW846 8260B
Ethylbenzene	108	(79 - 114)			SW846 8260B
	107	(79 - 114)	0.22	(0-30)	SW846 8260B
Trichlorofluoromethane	117	(50 - 150)			SW846 8260B
	115	(50 - 150)	1.8	(0-20)	SW846 8260B
2-Hexanone	115	(29 - 200)			SW846 8260B
	103	(29 - 200)	11	(0-41)	SW846 8260B
Isopropylbenzene	120	(50 - 150)			SW846 8260B
	123	(50 - 150)	2.4	(0-20)	SW846 8260B
Methyl acetate	130	(50 - 150)			SW846 8260B
	112	(50 - 150)	15	(0-20)	SW846 8260B
Methylcyclohexane	107	(50 - 150)			SW846 8260B
	106	(50 - 150)	0.98	(0-20)	SW846 8260B
Methylene chloride	120	(58 - 130)			SW846 8260B
	117	(58 - 130)	2.5	(0-30)	SW846 8260B
4-Methyl-2-pentanone	126	(68 - 142)			SW846 8260B
	107	(68 - 142)	17	(0-60)	SW846 8260B
Styrene	113	(80 - 114)			SW846 8260B
	112	(80 - 114)	1.4	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	120	(70 - 133)			SW846 8260B
	110	(70 - 133)	8.1	(0-30)	SW846 8260B
Tetrachloroethene	107	(72 - 120)			SW846 8260B
	108	(72 - 120)	0.86	(0-30)	SW846 8260B
Toluene	**103**	**(71 - 130)**			**SW846 8260B**
	103	**(71 - 130)**	**0.0**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80D11AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J130000-191 J80D11AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	119	(50 - 150)			SW846 8260B
	110	(50 - 150)	7.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	111	(67 - 123)			SW846 8260B
	110	(67 - 123)	0.92	(0-30)	SW846 8260B
1,1,2-Trichloroethane	112	(82 - 116)			SW846 8260B
	107	(82 - 116)	5.0	(0-30)	SW846 8260B
Trichloroethene	**112**	**(70 - 131)**			**SW846 8260B**
	110	**(70 - 131)**	**2.4**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	131	(50 - 150)			SW846 8260B
	130	(50 - 150)	0.65	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	109	(70 - 130)			SW846 8260B
	111	(70 - 130)	1.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	111	(70 - 130)			SW846 8260B
	113	(70 - 130)	1.4	(0-30)	SW846 8260B
Vinyl chloride	95	(24 - 152)			SW846 8260B
	96	(24 - 152)	1.1	(0-30)	SW846 8260B
Xylenes (total)	109	(80 - 114)			SW846 8260B
	108	(80 - 114)	0.41	(0-30)	SW846 8260B
Methyl tert-butyl ether	124	(70 - 130)			SW846 8260B
	113	(70 - 130)	9.4	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	89	(59 - 138)
	88	(59 - 138)
1,2-Dichloroethane-d4	86	(61 - 130)
	85	(61 - 130)
Toluene-d8	80	(60 - 143)
	81	(60 - 143)
4-Bromofluorobenzene	86	(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 DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-157 J80V71AD-LCSD
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7288157
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trimethylbenzene	50	53	ug/kg	105		SW846 8260B
	50	54	ug/kg	109	3.2	SW846 8260B
1,3,5-Trimethylbenzene	50	54	ug/kg	108		SW846 8260B
	50	55	ug/kg	111	2.9	SW846 8260B
Acetone	50	50	ug/kg	100		SW846 8260B
	50	49	ug/kg	97	2.2	SW846 8260B
Benzene	**50**	**53**	**ug/kg**	**106**		**SW846 8260B**
	50	**55**	**ug/kg**	**110**	**3.0**	**SW846 8260B**
Bromodichloromethane	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	109	4.4	SW846 8260B
Bromoform	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	110	0.28	SW846 8260B
Bromomethane	50	57	ug/kg	113		SW846 8260B
	50	55	ug/kg	109	3.7	SW846 8260B
2-Butanone	50	48	ug/kg	96		SW846 8260B
	50	49	ug/kg	97	1.0	SW846 8260B
Carbon disulfide	50	61	ug/kg	123		SW846 8260B
	50	60	ug/kg	121	1.2	SW846 8260B
Carbon tetrachloride	50	56	ug/kg	111		SW846 8260B
	50	57	ug/kg	114	1.8	SW846 8260B
Chlorobenzene	**50**	**51**	**ug/kg**	**103**		**SW846 8260B**
	50	**53**	**ug/kg**	**106**	**3.4**	**SW846 8260B**
Chloroethane	50	58	ug/kg	117		SW846 8260B
	50	58	ug/kg	115	1.4	SW846 8260B
Chloroform	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	109	2.3	SW846 8260B
Chloromethane	50	51	ug/kg	101		SW846 8260B
	50	51	ug/kg	101	0.090	SW846 8260B
Cyclohexane	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	0.91	SW846 8260B
Dibromochloromethane	50	53	ug/kg	105		SW846 8260B
	50	54	ug/kg	109	3.1	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	48	ug/kg	95		SW846 8260B
	50	46	ug/kg	92	3.9	SW846 8260B
1,2-Dibromoethane	50	50	ug/kg	101		SW846 8260B
	50	53	ug/kg	106	4.5	SW846 8260B
1,2-Dichlorobenzene	50	51	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	0.86	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-157 J80V71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,3-Dichlorobenzene	50	53	ug/kg	106		SW846 8260B
	50	53	ug/kg	106	0.70	SW846 8260B
1,4-Dichlorobenzene	50	50	ug/kg	101		SW846 8260B
	50	52	ug/kg	103	2.1	SW846 8260B
Dichlorodifluoromethane	50	39	ug/kg	79		SW846 8260B
	50	40	ug/kg	79	0.74	SW846 8260B
1,1-Dichloroethane	50	56	ug/kg	111		SW846 8260B
	50	56	ug/kg	112	1.2	SW846 8260B
1,2-Dichloroethane	50	51	ug/kg	103		SW846 8260B
	50	53	ug/kg	106	3.2	SW846 8260B
1,1-Dichloroethene	**50**	**58**	**ug/kg**	**117**		**SW846 8260B**
	50	**59**	**ug/kg**	**118**	**0.89**	**SW846 8260B**
cis-1,2-Dichloroethene	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	114	0.36	SW846 8260B
trans-1,2-Dichloroethene	50	58	ug/kg	116		SW846 8260B
	50	58	ug/kg	115	0.45	SW846 8260B
1,2-Dichloropropane	50	53	ug/kg	105		SW846 8260B
	50	54	ug/kg	109	3.4	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	107	4.6	SW846 8260B
trans-1,3-Dichloropropene	50	49	ug/kg	99		SW846 8260B
	50	52	ug/kg	105	5.9	SW846 8260B
Ethylbenzene	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	109	1.8	SW846 8260B
2-Hexanone	50	44	ug/kg	87		SW846 8260B
	50	46	ug/kg	92	5.4	SW846 8260B
Isopropylbenzene	50	61	ug/kg	121		SW846 8260B
	50	62	ug/kg	123	1.7	SW846 8260B
Methyl acetate	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	108	1.5	SW846 8260B
Methylene chloride	50	65	ug/kg	130		SW846 8260B
	50	65	ug/kg	130	0.46	SW846 8260B
Methylcyclohexane	50	52	ug/kg	105		SW846 8260B
	50	54	ug/kg	108	2.9	SW846 8260B
4-Methyl-2-pentanone	50	49	ug/kg	98		SW846 8260B
	50	50	ug/kg	100	2.3	SW846 8260B
Methyl tert-butyl ether	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	108	1.3	SW846 8260B
Styrene	50	55	ug/kg	109		SW846 8260B
	50	56	ug/kg	112	2.7	SW846 8260B
1,1,2,2-Tetrachloroethane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	103	0.42	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-157 J80V71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Tetrachloroethene	50	53	ug/kg	105		SW846 8260B
	50	56	ug/kg	113	7.0	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**53**	**ug/kg**	**106**	**4.9**	**SW846 8260B**
1,2,4-Trichloro-benzene	50	48	ug/kg	97		SW846 8260B
	50	50	ug/kg	100	3.4	SW846 8260B
1,1,1-Trichloroethane	50	57	ug/kg	115		SW846 8260B
	50	58	ug/kg	116	1.0	SW846 8260B
1,1,2-Trichloroethane	50	49	ug/kg	99		SW846 8260B
	50	51	ug/kg	103	3.9	SW846 8260B
Trichloroethene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**57**	**ug/kg**	**114**	**4.4**	**SW846 8260B**
Trichlorofluoromethane	50	60	ug/kg	120		SW846 8260B
	50	61	ug/kg	123	2.2	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	50	65	ug/kg	130		SW846 8260B
	50	66	ug/kg	132	1.2	SW846 8260B
Vinyl chloride	50	50	ug/kg	100		SW846 8260B
	50	50	ug/kg	101	0.61	SW846 8260B
Xylenes (total)	150	160	ug/kg	107		SW846 8260B
	150	160	ug/kg	109	2.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
	82	(61 - 130)
Toluene-d8	79	(60 - 143)
	83	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)
	88	(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 #...: A7J110203 **Work Order #...:** J80V71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-157 J80V71AD-LCSD
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7288157
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	105	(70 - 130)			SW846 8260B
	109	(70 - 130)	3.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	108	(70 - 130)			SW846 8260B
	111	(70 - 130)	2.9	(0-30)	SW846 8260B
Acetone	100	(58 - 130)			SW846 8260B
	97	(58 - 130)	2.2	(0-30)	SW846 8260B
Benzene	**106**	**(75 - 129)**			**SW846 8260B**
	110	**(75 - 129)**	**3.0**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	104	(72 - 125)			SW846 8260B
	109	(72 - 125)	4.4	(0-30)	SW846 8260B
Bromoform	110	(43 - 149)			SW846 8260B
	110	(43 - 149)	0.28	(0-30)	SW846 8260B
Bromomethane	113	(24 - 152)			SW846 8260B
	109	(24 - 152)	3.7	(0-30)	SW846 8260B
2-Butanone	96	(27 - 200)			SW846 8260B
	97	(27 - 200)	1.0	(0-46)	SW846 8260B
Carbon disulfide	123	(50 - 137)			SW846 8260B
	121	(50 - 137)	1.2	(0-30)	SW846 8260B
Carbon tetrachloride	111	(57 - 137)			SW846 8260B
	114	(57 - 137)	1.8	(0-30)	SW846 8260B
Chlorobenzene	**103**	**(75 - 127)**			**SW846 8260B**
	106	**(75 - 127)**	**3.4**	**(0-22)**	**SW846 8260B**
Chloroethane	117	(31 - 144)			SW846 8260B
	115	(31 - 144)	1.4	(0-30)	SW846 8260B
Chloroform	107	(73 - 115)			SW846 8260B
	109	(73 - 115)	2.3	(0-30)	SW846 8260B
Chloromethane	101	(15 - 136)			SW846 8260B
	101	(15 - 136)	0.090	(0-30)	SW846 8260B
Cyclohexane	107	(50 - 150)			SW846 8260B
	108	(50 - 150)	0.91	(0-20)	SW846 8260B
Dibromochloromethane	105	(49 - 135)			SW846 8260B
	109	(49 - 135)	3.1	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	95	(50 - 150)			SW846 8260B
	92	(50 - 150)	3.9	(0-30)	SW846 8260B
1,2-Dibromoethane	101	(50 - 150)			SW846 8260B
	106	(50 - 150)	4.5	(0-30)	SW846 8260B
1,2-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	0.86	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-157 J80V71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	106	(50 - 150)			SW846 8260B
	106	(50 - 150)	0.70	(0-20)	SW846 8260B
1,4-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	103	(50 - 150)	2.1	(0-20)	SW846 8260B
Dichlorodifluoromethane	79	(50 - 150)			SW846 8260B
	79	(50 - 150)	0.74	(0-20)	SW846 8260B
1,1-Dichloroethane	111	(77 - 119)			SW846 8260B
	112	(77 - 119)	1.2	(0-30)	SW846 8260B
1,2-Dichloroethane	103	(78 - 121)			SW846 8260B
	106	(78 - 121)	3.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**117**	**(55 - 142)**			**SW846 8260B**
	118	**(55 - 142)**	**0.89**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	114	(77 - 114)			SW846 8260B
	114	(77 - 114)	0.36	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	116	(68 - 117)			SW846 8260B
	115	(68 - 117)	0.45	(0-30)	SW846 8260B
1,2-Dichloropropane	105	(78 - 116)			SW846 8260B
	109	(78 - 116)	3.4	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	102	(71 - 125)			SW846 8260B
	107	(71 - 125)	4.6	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	99	(67 - 125)			SW846 8260B
	105	(67 - 125)	5.9	(0-30)	SW846 8260B
Ethylbenzene	107	(79 - 114)			SW846 8260B
	109	(79 - 114)	1.8	(0-30)	SW846 8260B
2-Hexanone	87	(29 - 200)			SW846 8260B
	92	(29 - 200)	5.4	(0-41)	SW846 8260B
Isopropylbenzene	121	(50 - 150)			SW846 8260B
	123	(50 - 150)	1.7	(0-20)	SW846 8260B
Methyl acetate	106	(50 - 150)			SW846 8260B
	108	(50 - 150)	1.5	(0-20)	SW846 8260B
Methylene chloride	130	(58 - 130)			SW846 8260B
	130	(58 - 130)	0.46	(0-30)	SW846 8260B
Methylcyclohexane	105	(50 - 150)			SW846 8260B
	108	(50 - 150)	2.9	(0-20)	SW846 8260B
4-Methyl-2-pentanone	98	(68 - 142)			SW846 8260B
	100	(68 - 142)	2.3	(0-60)	SW846 8260B
Methyl tert-butyl ether	106	(70 - 130)			SW846 8260B
	108	(70 - 130)	1.3	(0-30)	SW846 8260B
Styrene	109	(80 - 114)			SW846 8260B
	112	(80 - 114)	2.7	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	104	(70 - 133)			SW846 8260B
	103	(70 - 133)	0.42	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J80V71AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-157 J80V71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Tetrachloroethene	105	(72 - 120)			SW846 8260B
	113	(72 - 120)	7.0	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	106	**(71 - 130)**	**4.9**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	97	(50 - 150)			SW846 8260B
	100	(50 - 150)	3.4	(0-20)	SW846 8260B
1,1,1-Trichloroethane	115	(67 - 123)			SW846 8260B
	116	(67 - 123)	1.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	99	(82 - 116)			SW846 8260B
	103	(82 - 116)	3.9	(0-30)	SW846 8260B
Trichloroethene	**109**	**(70 - 131)**			**SW846 8260B**
	114	**(70 - 131)**	**4.4**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	120	(50 - 150)			SW846 8260B
	123	(50 - 150)	2.2	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trif	130	(50 - 150)			SW846 8260B
	132	(50 - 150)	1.2	(0-20)	SW846 8260B
Vinyl chloride	100	(24 - 152)			SW846 8260B
	101	(24 - 152)	0.61	(0-30)	SW846 8260B
Xylenes (total)	107	(80 - 114)			SW846 8260B
	109	(80 - 114)	2.6	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	83	(59 - 138)
	85	(59 - 138)
1,2-Dichloroethane-d4	78	(61 - 130)
	82	(61 - 130)
Toluene-d8	79	(60 - 143)
	83	(60 - 143)
4-Bromofluorobenzene	87	(47 - 158)
	88	(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 #...: A7J110203 **Work Order #...:** J818V1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-494 J818V1AD-LCSD
Prep Date.....: 10/11/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7288494
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	500	540	ug/kg	108		SW846 8260B
	500	490	ug/kg	98	9.9	SW846 8260B
Benzene	**500**	**490**	**ug/kg**	**97**		**SW846 8260B**
	500	**490**	**ug/kg**	**98**	**0.50**	**SW846 8260B**
Bromodichloromethane	500	360	ug/kg	72		SW846 8260B
	500	350 a	ug/kg	70	2.6	SW846 8260B
Bromoform	500	330	ug/kg	66		SW846 8260B
	500	300	ug/kg	60	10	SW846 8260B
Bromomethane	500	900 a	ug/kg	180		SW846 8260B
	500	930 a	ug/kg	186	3.3	SW846 8260B
2-Butanone	500	440	ug/kg	88		SW846 8260B
	500	420	ug/kg	85	3.7	SW846 8260B
Carbon disulfide	500	400	ug/kg	80		SW846 8260B
	500	400	ug/kg	81	0.58	SW846 8260B
Carbon tetrachloride	500	290	ug/kg	57		SW846 8260B
	500	290	ug/kg	57	0.25	SW846 8260B
Chlorobenzene	**500**	**520**	**ug/kg**	**103**		**SW846 8260B**
	500	**520**	**ug/kg**	**105**	**1.7**	**SW846 8260B**
Dibromochloromethane	500	290	ug/kg	59		SW846 8260B
	500	290	ug/kg	57	2.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	500	310	ug/kg	61		SW846 8260B
	500	250	ug/kg	51	18	SW846 8260B
Chloroethane	500	740 a	ug/kg	148		SW846 8260B
	500	730 a	ug/kg	146	1.8	SW846 8260B
Chloroform	500	500	ug/kg	100		SW846 8260B
	500	490	ug/kg	98	2.6	SW846 8260B
Chloromethane	500	290	ug/kg	59		SW846 8260B
	500	300	ug/kg	60	1.3	SW846 8260B
Cyclohexane	500	350	ug/kg	70		SW846 8260B
	500	360	ug/kg	72	2.7	SW846 8260B
1,2-Dibromoethane	500	420	ug/kg	83		SW846 8260B
	500	430	ug/kg	86	2.8	SW846 8260B
1,2-Dichlorobenzene	500	510	ug/kg	103		SW846 8260B
	500	510	ug/kg	102	1.2	SW846 8260B
1,3-Dichlorobenzene	500	510	ug/kg	101		SW846 8260B
	500	490	ug/kg	98	3.8	SW846 8260B
1,4-Dichlorobenzene	500	490	ug/kg	98		SW846 8260B
	500	490	ug/kg	98	0.33	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J818V1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-494 J818V1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	500	240 a	ug/kg	49		SW846 8260B
	500	240 a	ug/kg	48	2.0	SW846 8260B
1,1-Dichloroethane	500	480	ug/kg	96		SW846 8260B
	500	470	ug/kg	95	1.4	SW846 8260B
1,2-Dichloroethane	500	530	ug/kg	105		SW846 8260B
	500	540	ug/kg	109	3.1	SW846 8260B
1,1-Dichloroethene	**500**	**740 a**	**ug/kg**	**149**		**SW846 8260B**
	500	**740 a**	**ug/kg**	**148**	**0.69**	**SW846 8260B**
cis-1,2-Dichloroethene	500	430	ug/kg	87		SW846 8260B
	500	460	ug/kg	91	4.9	SW846 8260B
trans-1,2-Dichloroethene	500	620 a	ug/kg	124		SW846 8260B
	500	600 a	ug/kg	119	3.9	SW846 8260B
1,2-Dichloropropane	500	450	ug/kg	90		SW846 8260B
	500	460	ug/kg	93	2.7	SW846 8260B
cis-1,3-Dichloropropene	500	330 a	ug/kg	66		SW846 8260B
	500	310 a	ug/kg	61	7.3	SW846 8260B
trans-1,3-Dichloropropene	500	290 a	ug/kg	57		SW846 8260B
	500	290 a	ug/kg	58	1.5	SW846 8260B
Ethylbenzene	500	490	ug/kg	98		SW846 8260B
	500	500	ug/kg	99	1.2	SW846 8260B
Trichlorofluoromethane	500	820 a	ug/kg	164		SW846 8260B
	500	780 a	ug/kg	156	5.2	SW846 8260B
2-Hexanone	500	290	ug/kg	59		SW846 8260B
	500	300	ug/kg	60	2.3	SW846 8260B
Isopropylbenzene	500	470	ug/kg	94		SW846 8260B
	500	480	ug/kg	96	2.7	SW846 8260B
Methyl acetate	500	850 a	ug/kg	169		SW846 8260B
	500	760 a	ug/kg	151	11	SW846 8260B
Methylcyclohexane	500	350	ug/kg	71		SW846 8260B
	500	370	ug/kg	74	5.1	SW846 8260B
Methylene chloride	500	760 a	ug/kg	153		SW846 8260B
	500	740 a	ug/kg	148	3.3	SW846 8260B
4-Methyl-2-pentanone	500	390	ug/kg	79		SW846 8260B
	500	370	ug/kg	75	5.0	SW846 8260B
Styrene	500	440	ug/kg	88		SW846 8260B
	500	440	ug/kg	89	0.41	SW846 8260B
1,1,2,2-Tetrachloroethane	500	440	ug/kg	88		SW846 8260B
	500	420	ug/kg	85	3.6	SW846 8260B
Tetrachloroethene	500	500	ug/kg	99		SW846 8260B
	500	510	ug/kg	103	3.5	SW846 8260B
Toluene	**500**	**510**	**ug/kg**	**102**		**SW846 8260B**
	500	**510**	**ug/kg**	**102**	**0.49**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J818V1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-494 J818V1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	500	410	ug/kg	82		SW846 8260B
	500	420	ug/kg	84	3.1	SW846 8260B
1,1,1-Trichloroethane	500	320 a	ug/kg	64		SW846 8260B
	500	350	ug/kg	70	8.5	SW846 8260B
1,1,2-Trichloroethane	500	510	ug/kg	103		SW846 8260B
	500	470	ug/kg	94	9.7	SW846 8260B
Trichloroethene	**500**	**520**	**ug/kg**	**105**		**SW846 8260B**
	500	**510**	**ug/kg**	**101**	**3.1**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	500	710	ug/kg	142		SW846 8260B
	500	740	ug/kg	147	3.9	SW846 8260B
1,2,4-Trimethylbenzene	500	460	ug/kg	92		SW846 8260B
	500	440	ug/kg	89	4.0	SW846 8260B
1,3,5-Trimethylbenzene	500	460	ug/kg	92		SW846 8260B
	500	440	ug/kg	88	4.4	SW846 8260B
Vinyl chloride	500	360	ug/kg	71		SW846 8260B
	500	340	ug/kg	69	3.3	SW846 8260B
Xylenes (total)	1500	1300	ug/kg	90		SW846 8260B
	1500	1300	ug/kg	90	0.46	SW846 8260B
Methyl tert-butyl ether	500	610	ug/kg	122		SW846 8260B
	500	570	ug/kg	115	5.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(59 - 138)
	104	(59 - 138)
1,2-Dichloroethane-d4	105	(61 - 130)
	103	(61 - 130)
Toluene-d8	109	(60 - 143)
	109	(60 - 143)
4-Bromofluorobenzene	112	(47 - 158)
	107	(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 #...: A7J110203 **Work Order #...:** J818V1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-494 J818V1AD-LCSD
Prep Date.....: 10/11/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7288494
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	108	(58 - 130)			SW846 8260B
	98	(58 - 130)	9.9	(0-30)	SW846 8260B
Benzene	**97**	**(75 - 129)**			**SW846 8260B**
	98	**(75 - 129)**	**0.50**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	72	(72 - 125)			SW846 8260B
	70 a	(72 - 125)	2.6	(0-30)	SW846 8260B
Bromoform	66	(43 - 149)			SW846 8260B
	60	(43 - 149)	10	(0-30)	SW846 8260B
Bromomethane	180 a	(24 - 152)			SW846 8260B
	186 a	(24 - 152)	3.3	(0-30)	SW846 8260B
2-Butanone	88	(27 - 200)			SW846 8260B
	85	(27 - 200)	3.7	(0-46)	SW846 8260B
Carbon disulfide	80	(50 - 137)			SW846 8260B
	81	(50 - 137)	0.58	(0-30)	SW846 8260B
Carbon tetrachloride	57	(57 - 137)			SW846 8260B
	57	(57 - 137)	0.25	(0-30)	SW846 8260B
Chlorobenzene	**103**	**(75 - 127)**			**SW846 8260B**
	105	**(75 - 127)**	**1.7**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	59	(49 - 135)			SW846 8260B
	57	(49 - 135)	2.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	61	(50 - 150)			SW846 8260B
	51	(50 - 150)	18	(0-30)	SW846 8260B
Chloroethane	148 a	(31 - 144)			SW846 8260B
	146 a	(31 - 144)	1.8	(0-30)	SW846 8260B
Chloroform	100	(73 - 115)			SW846 8260B
	98	(73 - 115)	2.6	(0-30)	SW846 8260B
Chloromethane	59	(15 - 136)			SW846 8260B
	60	(15 - 136)	1.3	(0-30)	SW846 8260B
Cyclohexane	70	(50 - 150)			SW846 8260B
	72	(50 - 150)	2.7	(0-20)	SW846 8260B
1,2-Dibromoethane	83	(50 - 150)			SW846 8260B
	86	(50 - 150)	2.8	(0-30)	SW846 8260B
1,2-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.2	(0-30)	SW846 8260B
1,3-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	98	(50 - 150)	3.8	(0-20)	SW846 8260B
1,4-Dichlorobenzene	98	(50 - 150)			SW846 8260B
	98	(50 - 150)	0.33	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J818V1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-494 J818V1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	49 a	(50 - 150)			SW846 8260B
	48 a	(50 - 150)	2.0	(0-20)	SW846 8260B
1,1-Dichloroethane	96	(77 - 119)			SW846 8260B
	95	(77 - 119)	1.4	(0-30)	SW846 8260B
1,2-Dichloroethane	105	(78 - 121)			SW846 8260B
	109	(78 - 121)	3.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**149 a**	**(55 - 142)**			**SW846 8260B**
	148 a	**(55 - 142)**	**0.69**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	87	(77 - 114)			SW846 8260B
	91	(77 - 114)	4.9	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	124 a	(68 - 117)			SW846 8260B
	119 a	(68 - 117)	3.9	(0-30)	SW846 8260B
1,2-Dichloropropane	90	(78 - 116)			SW846 8260B
	93	(78 - 116)	2.7	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	66 a	(71 - 125)			SW846 8260B
	61 a	(71 - 125)	7.3	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	57 a	(67 - 125)			SW846 8260B
	58 a	(67 - 125)	1.5	(0-30)	SW846 8260B
Ethylbenzene	98	(79 - 114)			SW846 8260B
	99	(79 - 114)	1.2	(0-30)	SW846 8260B
Trichlorofluoromethane	164 a	(50 - 150)			SW846 8260B
	156 a	(50 - 150)	5.2	(0-20)	SW846 8260B
2-Hexanone	59	(29 - 200)			SW846 8260B
	60	(29 - 200)	2.3	(0-41)	SW846 8260B
Isopropylbenzene	94	(50 - 150)			SW846 8260B
	96	(50 - 150)	2.7	(0-20)	SW846 8260B
Methyl acetate	169 a	(50 - 150)			SW846 8260B
	151 a	(50 - 150)	11	(0-20)	SW846 8260B
Methylcyclohexane	71	(50 - 150)			SW846 8260B
	74	(50 - 150)	5.1	(0-20)	SW846 8260B
Methylene chloride	153 a	(58 - 130)			SW846 8260B
	148 a	(58 - 130)	3.3	(0-30)	SW846 8260B
4-Methyl-2-pentanone	79	(68 - 142)			SW846 8260B
	75	(68 - 142)	5.0	(0-60)	SW846 8260B
Styrene	88	(80 - 114)			SW846 8260B
	89	(80 - 114)	0.41	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(70 - 133)			SW846 8260B
	85	(70 - 133)	3.6	(0-30)	SW846 8260B
Tetrachloroethene	99	(72 - 120)			SW846 8260B
	103	(72 - 120)	3.5	(0-30)	SW846 8260B
Toluene	**102**	**(71 - 130)**			**SW846 8260B**
	102	**(71 - 130)**	**0.49**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J818V1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-494 J818V1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	82	(50 - 150)			SW846 8260B
	84	(50 - 150)	3.1	(0-20)	SW846 8260B
1,1,1-Trichloroethane	64 a	(67 - 123)			SW846 8260B
	70	(67 - 123)	8.5	(0-30)	SW846 8260B
1,1,2-Trichloroethane	103	(82 - 116)			SW846 8260B
	94	(82 - 116)	9.7	(0-30)	SW846 8260B
Trichloroethene	**105**	**(70 - 131)**			**SW846 8260B**
	101	**(70 - 131)**	**3.1**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	142	(50 - 150)			SW846 8260B
	147	(50 - 150)	3.9	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	92	(70 - 130)			SW846 8260B
	88	(70 - 130)	4.4	(0-30)	SW846 8260B
Vinyl chloride	71	(24 - 152)			SW846 8260B
	69	(24 - 152)	3.3	(0-30)	SW846 8260B
Xylenes (total)	90	(80 - 114)			SW846 8260B
	90	(80 - 114)	0.46	(0-30)	SW846 8260B
Methyl tert-butyl ether	122	(70 - 130)			SW846 8260B
	115	(70 - 130)	5.8	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(59 - 138)
	104	(59 - 138)
1,2-Dichloroethane-d4	105	(61 - 130)
	103	(61 - 130)
Toluene-d8	109	(60 - 143)
	109	(60 - 143)
4-Bromofluorobenzene	112	(47 - 158)
	107	(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 #...: A7J110203 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.7	SW846 8260B
Benzene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.5**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	107	0.080	SW846 8260B
Bromoform	50	56	ug/kg	111		SW846 8260B
	50	57	ug/kg	114	2.7	SW846 8260B
Bromomethane	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	2.6	SW846 8260B
2-Butanone	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	99	0.38	SW846 8260B
Carbon disulfide	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.6	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	111	0.91	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**107**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**4.0**	**SW846 8260B**
Dibromochloromethane	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	107	1.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	100	0.90	SW846 8260B
Chloroethane	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	111	0.66	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.090	SW846 8260B
Chloromethane	50	48	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	1.4	SW846 8260B
Cyclohexane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	1.7	SW846 8260B
1,2-Dibromoethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.3	SW846 8260B
1,2-Dichlorobenzene	50	52	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.1	SW846 8260B
1,3-Dichlorobenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.9	SW846 8260B
1,4-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	1.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	39	ug/kg	78		SW846 8260B
	50	38	ug/kg	76	2.7	SW846 8260B
1,1-Dichloroethane	50	56	ug/kg	112		SW846 8260B
	50	56	ug/kg	111	0.84	SW846 8260B
1,2-Dichloroethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.030	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**113**		**SW846 8260B**
	50	**57**	**ug/kg**	**114**	**1.0**	**SW846 8260B**
cis-1,2-Dichloroethene	50	57	ug/kg	114		SW846 8260B
	50	56	ug/kg	113	0.68	SW846 8260B
trans-1,2-Dichloroethene	50	57	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.3	SW846 8260B
1,2-Dichloropropane	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	1.3	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.10	SW846 8260B
trans-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.4	SW846 8260B
Ethylbenzene	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	103	5.1	SW846 8260B
Trichlorofluoromethane	50	57	ug/kg	115		SW846 8260B
	50	58	ug/kg	116	0.83	SW846 8260B
2-Hexanone	50	44	ug/kg	88		SW846 8260B
	50	45	ug/kg	90	2.1	SW846 8260B
Isopropylbenzene	50	62	ug/kg	123		SW846 8260B
	50	60	ug/kg	119	3.6	SW846 8260B
Methyl acetate	50	52	ug/kg	105		SW846 8260B
	50	54	ug/kg	108	2.8	SW846 8260B
Methylcyclohexane	50	55	ug/kg	109		SW846 8260B
	50	54	ug/kg	108	1.2	SW846 8260B
Methylene chloride	50	58	ug/kg	116		SW846 8260B
	50	59	ug/kg	117	0.58	SW846 8260B
4-Methyl-2-pentanone	50	48	ug/kg	96		SW846 8260B
	50	51	ug/kg	102	5.5	SW846 8260B
Styrene	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	108	2.2	SW846 8260B
1,1,2,2-Tetrachloroethane	50	53	ug/kg	105		SW846 8260B
	50	53	ug/kg	107	1.1	SW846 8260B
Tetrachloroethene	50	55	ug/kg	110		SW846 8260B
	50	52	ug/kg	104	5.3	SW846 8260B
Toluene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**50**	**ug/kg**	**99**	**4.8**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	51	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.5	SW846 8260B
1,1,1-Trichloroethane	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	113	0.97	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.040	SW846 8260B
Trichloroethene	**50**	**56**	**ug/kg**	**113**		**SW846 8260B**
	50	**55**	**ug/kg**	**109**	**3.5**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	66	ug/kg	132		SW846 8260B
	50	65	ug/kg	131	0.96	SW846 8260B
1,2,4-Trimethylbenzene	50	55	ug/kg	109		SW846 8260B
	50	52	ug/kg	105	4.2	SW846 8260B
1,3,5-Trimethylbenzene	50	56	ug/kg	112		SW846 8260B
	50	53	ug/kg	107	4.6	SW846 8260B
Vinyl chloride	50	47	ug/kg	95		SW846 8260B
	50	49	ug/kg	98	3.7	SW846 8260B
Xylenes (total)	150	160	ug/kg	109		SW846 8260B
	150	160	ug/kg	105	3.7	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	108		SW846 8260B
	50	55	ug/kg	111	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	90	(61 - 130)
Toluene-d8	85	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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 #...: A7J110203 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	102	(58 - 130)			SW846 8260B
	100	(58 - 130)	1.7	(0-30)	SW846 8260B
Benzene	**109**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**1.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	107	(72 - 125)	0.080	(0-30)	SW846 8260B
Bromoform	111	(43 - 149)			SW846 8260B
	114	(43 - 149)	2.7	(0-30)	SW846 8260B
Bromomethane	107	(24 - 152)			SW846 8260B
	110	(24 - 152)	2.6	(0-30)	SW846 8260B
2-Butanone	99	(27 - 200)			SW846 8260B
	99	(27 - 200)	0.38	(0-46)	SW846 8260B
Carbon disulfide	119	(50 - 137)			SW846 8260B
	116	(50 - 137)	2.6	(0-30)	SW846 8260B
Carbon tetrachloride	110	(57 - 137)			SW846 8260B
	111	(57 - 137)	0.91	(0-30)	SW846 8260B
Chlorobenzene	**107**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**4.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	109	(49 - 135)			SW846 8260B
	107	(49 - 135)	1.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	99	(50 - 150)			SW846 8260B
	100	(50 - 150)	0.90	(0-30)	SW846 8260B
Chloroethane	111	(31 - 144)			SW846 8260B
	111	(31 - 144)	0.66	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.090	(0-30)	SW846 8260B
Chloromethane	97	(15 - 136)			SW846 8260B
	98	(15 - 136)	1.4	(0-30)	SW846 8260B
Cyclohexane	106	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.7	(0-20)	SW846 8260B
1,2-Dibromoethane	103	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	108	(50 - 150)			SW846 8260B
	106	(50 - 150)	1.9	(0-20)	SW846 8260B
1,4-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.7	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	78	(50 - 150)			SW846 8260B
	76	(50 - 150)	2.7	(0-20)	SW846 8260B
1,1-Dichloroethane	112	(77 - 119)			SW846 8260B
	111	(77 - 119)	0.84	(0-30)	SW846 8260B
1,2-Dichloroethane	105	(78 - 121)			SW846 8260B
	105	(78 - 121)	0.030	(0-30)	SW846 8260B
1,1-Dichloroethene	**113**	**(55 - 142)**			**SW846 8260B**
	114	**(55 - 142)**	**1.0**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	114	(77 - 114)			SW846 8260B
	113	(77 - 114)	0.68	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	115	(68 - 117)			SW846 8260B
	113	(68 - 117)	1.3	(0-30)	SW846 8260B
1,2-Dichloropropane	107	(78 - 116)			SW846 8260B
	106	(78 - 116)	1.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	103	(71 - 125)			SW846 8260B
	103	(71 - 125)	0.10	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	102	(67 - 125)			SW846 8260B
	100	(67 - 125)	1.4	(0-30)	SW846 8260B
Ethylbenzene	109	(79 - 114)			SW846 8260B
	103	(79 - 114)	5.1	(0-30)	SW846 8260B
Trichlorofluoromethane	115	(50 - 150)			SW846 8260B
	116	(50 - 150)	0.83	(0-20)	SW846 8260B
2-Hexanone	88	(29 - 200)			SW846 8260B
	90	(29 - 200)	2.1	(0-41)	SW846 8260B
Isopropylbenzene	123	(50 - 150)			SW846 8260B
	119	(50 - 150)	3.6	(0-20)	SW846 8260B
Methyl acetate	105	(50 - 150)			SW846 8260B
	108	(50 - 150)	2.8	(0-20)	SW846 8260B
Methylcyclohexane	109	(50 - 150)			SW846 8260B
	108	(50 - 150)	1.2	(0-20)	SW846 8260B
Methylene chloride	116	(58 - 130)			SW846 8260B
	117	(58 - 130)	0.58	(0-30)	SW846 8260B
4-Methyl-2-pentanone	96	(68 - 142)			SW846 8260B
	102	(68 - 142)	5.5	(0-60)	SW846 8260B
Styrene	110	(80 - 114)			SW846 8260B
	108	(80 - 114)	2.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(70 - 133)			SW846 8260B
	107	(70 - 133)	1.1	(0-30)	SW846 8260B
Tetrachloroethene	110	(72 - 120)			SW846 8260B
	104	(72 - 120)	5.3	(0-30)	SW846 8260B
Toluene	**104**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**4.8**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	114	(67 - 123)			SW846 8260B
	113	(67 - 123)	0.97	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(82 - 116)			SW846 8260B
	102	(82 - 116)	0.040	(0-30)	SW846 8260B
Trichloroethene	**113**	**(70 - 131)**			**SW846 8260B**
	109	**(70 - 131)**	**3.5**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	132	(50 - 150)			SW846 8260B
	131	(50 - 150)	0.96	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	109	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	112	(70 - 130)			SW846 8260B
	107	(70 - 130)	4.6	(0-30)	SW846 8260B
Vinyl chloride	95	(24 - 152)			SW846 8260B
	98	(24 - 152)	3.7	(0-30)	SW846 8260B
Xylenes (total)	109	(80 - 114)			SW846 8260B
	105	(80 - 114)	3.7	(0-30)	SW846 8260B
Methyl tert-butyl ether	108	(70 - 130)			SW846 8260B
	111	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	90	(61 - 130)
Toluene-d8	85	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8P561AT-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110247-005 J8P561AU-MSD
Date Sampled...: 10/08/07 **Date Received..:** 10/10/07
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7288157
Dilution Factor: 1 **% Moisture.....:** 7.1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trimethylbenzene	ND	54	47	ug/kg	87		SW846 8260B
	ND	54	43	ug/kg	80	9.3	SW846 8260B
1,3,5-Trimethylbenzene	ND	54	48	ug/kg	89		SW846 8260B
	ND	54	44	ug/kg	82	8.5	SW846 8260B
Acetone	17	54	73	ug/kg	104		SW846 8260B
	17	54	82	ug/kg	121	12	SW846 8260B
Benzene	**ND**	**54**	**56**	**ug/kg**	**103**		**SW846 8260B**
	ND	**54**	**53**	**ug/kg**	**99**	**4.6**	**SW846 8260B**
Bromodichloromethane	ND	54	40	ug/kg	75		SW846 8260B
	ND	54	38	ug/kg	71	4.6	SW846 8260B
Bromoform	ND	54	52	ug/kg	97		SW846 8260B
	ND	54	53	ug/kg	99	1.8	SW846 8260B
Bromomethane	ND	54	54	ug/kg	101		SW846 8260B
	ND	54	54	ug/kg	100	0.55	SW846 8260B
2-Butanone	ND	54	57	ug/kg	106		SW846 8260B
	ND	54	60	ug/kg	111	5.2	SW846 8260B
Carbon disulfide	ND	54	49	ug/kg	90		SW846 8260B
	ND	54	48	ug/kg	89	0.98	SW846 8260B
Carbon tetrachloride	ND	54	55	ug/kg	103		SW846 8260B
	ND	54	54	ug/kg	101	2.4	SW846 8260B
Chlorobenzene	**ND**	**54**	**50**	**ug/kg**	**93**		**SW846 8260B**
	ND	**54**	**48**	**ug/kg**	**89**	**4.6**	**SW846 8260B**
Chloroethane	ND	54	58	ug/kg	107		SW846 8260B
	ND	54	59	ug/kg	109	1.2	SW846 8260B
Chloroform	ND	54	56	ug/kg	105		SW846 8260B
	ND	54	55	ug/kg	102	2.3	SW846 8260B
Chloromethane	ND	54	50	ug/kg	93		SW846 8260B
	ND	54	50	ug/kg	93	0.40	SW846 8260B
Cyclohexane	ND	54	52	ug/kg	96		SW846 8260B
	ND	54	51	ug/kg	94	2.0	SW846 8260B
Dibromochloromethane	ND	54	44	ug/kg	83		SW846 8260B
	ND	54	43	ug/kg	80	3.8	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	54	9.2	ug/kg	17 a		SW846 8260B
	ND	54	8.2	ug/kg	15 a	12	SW846 8260B
1,2-Dibromoethane	ND	54	54	ug/kg	100		SW846 8260B
	ND	54	53	ug/kg	99	1.0	SW846 8260B
1,2-Dichlorobenzene	ND	54	46	ug/kg	86		SW846 8260B
	ND	54	44	ug/kg	82	4.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8P561AT-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110247-005 J8P561AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,3-Dichlorobenzene	ND	54	45	ug/kg	84		SW846 8260B
	ND	54	42	ug/kg	78	7.0	SW846 8260B
1,4-Dichlorobenzene	ND	54	44	ug/kg	81		SW846 8260B
	ND	54	41	ug/kg	77	5.5	SW846 8260B
Dichlorodifluoromethane	ND	54	40	ug/kg	73		SW846 8260B
	ND	54	40	ug/kg	75	1.5	SW846 8260B
1,1-Dichloroethane	ND	54	59	ug/kg	109		SW846 8260B
	ND	54	57	ug/kg	105	3.6	SW846 8260B
1,2-Dichloroethane	ND	54	57	ug/kg	105		SW846 8260B
	ND	54	56	ug/kg	104	1.1	SW846 8260B
1,1-Dichloroethene	**ND**	**54**	**92**	**ug/kg**	**171 a**		**SW846 8260B**
	ND	**54**	**93**	**ug/kg**	**172 a**	**0.95**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	54	58	ug/kg	109		SW846 8260B
	ND	54	57	ug/kg	107	1.8	SW846 8260B
trans-1,2-Dichloroethene	ND	54	58	ug/kg	108		SW846 8260B
	ND	54	57	ug/kg	106	1.4	SW846 8260B
1,2-Dichloropropane	ND	54	56	ug/kg	104		SW846 8260B
	ND	54	54	ug/kg	100	3.3	SW846 8260B
cis-1,3-Dichloropropene	ND	54	50	ug/kg	93		SW846 8260B
	ND	54	49	ug/kg	90	2.9	SW846 8260B
trans-1,3-Dichloropropene	ND	54	49	ug/kg	91		SW846 8260B
	ND	54	49	ug/kg	90	1.2	SW846 8260B
Ethylbenzene	ND	54	51	ug/kg	94		SW846 8260B
	ND	54	47	ug/kg	87	8.2	SW846 8260B
2-Hexanone	ND	54	50	ug/kg	92		SW846 8260B
	ND	54	54	ug/kg	100	8.6	SW846 8260B
Isopropylbenzene	ND	54	56	ug/kg	105		SW846 8260B
	ND	54	52	ug/kg	97	7.8	SW846 8260B
Methyl acetate	ND	54	0.0	ug/kg	0.0 a		SW846 8260B
	ND	54	0.0	ug/kg	0.0 a	0.0	SW846 8260B
Methylene chloride	7.2	54	70	ug/kg	117		SW846 8260B
	7.2	54	69	ug/kg	115	1.2	SW846 8260B
Methylcyclohexane	ND	54	52	ug/kg	96		SW846 8260B
	ND	54	51	ug/kg	94	2.0	SW846 8260B
4-Methyl-2-pentanone	ND	54	55	ug/kg	103		SW846 8260B
	ND	54	60	ug/kg	112	8.4	SW846 8260B
Methyl tert-butyl ether	ND	54	59	ug/kg	110		SW846 8260B
	ND	54	62	ug/kg	116	5.4	SW846 8260B
Styrene	ND	54	52	ug/kg	97		SW846 8260B
	ND	54	49	ug/kg	91	6.2	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	54	0.0	ug/kg	0.0 a		SW846 8260B
	ND	54	0.0	ug/kg	0.0 a	0.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8P561AT-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110247-005 J8P561AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tetrachloroethene	ND	54	51	ug/kg	95		SW846 8260B
	ND	54	47	ug/kg	88	6.9	SW846 8260B
Toluene	**ND**	**54**	**50**	**ug/kg**	**93**		**SW846 8260B**
	ND	**54**	**48**	**ug/kg**	**89**	**5.1**	**SW846 8260B**
1,2,4-Trichloro-benzene	ND	54	37	ug/kg	69		SW846 8260B
	ND	54	35	ug/kg	64	7.1	SW846 8260B
1,1,1-Trichloroethane	ND	54	57	ug/kg	106		SW846 8260B
	ND	54	56	ug/kg	104	1.7	SW846 8260B
1,1,2-Trichloroethane	ND	54	12	ug/kg	23 a		SW846 8260B
	ND	54	11	ug/kg	20 a	14	SW846 8260B
Trichloroethene	**ND**	**54**	**100**	**ug/kg**	**193 a**		**SW846 8260B**
	ND	**54**	**100**	**ug/kg**	**186 a**	**3.8**	**SW846 8260B**
Trichlorofluoromethane	ND	54	60	ug/kg	111		SW846 8260B
	ND	54	59	ug/kg	109	1.5	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	ND	54	68	ug/kg	126		SW846 8260B
	ND	54	66	ug/kg	123	2.2	SW846 8260B
Vinyl chloride	ND	54	49	ug/kg	90		SW846 8260B
	ND	54	50	ug/kg	93	3.0	SW846 8260B
Xylenes (total)	ND	160	150	ug/kg	95		SW846 8260B
	ND	160	140	ug/kg	88	7.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	24 *	(59 - 138)
	20 *	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	83	(61 - 130)
Toluene-d8	82	(60 - 143)
	80	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	91	(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.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8P561AT-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110247-005 J8P561AU-MSD
Date Sampled...: 10/08/07 **Date Received..:** 10/10/07
Prep Date.....: 10/14/07 **Analysis Date..:** 10/14/07
Prep Batch #...: 7288157
Dilution Factor: 1 **% Moisture.....:** 7.1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trimethylbenzene	87	(70 - 130)			SW846 8260B
	80	(70 - 130)	9.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	82	(70 - 130)	8.5	(0-30)	SW846 8260B
Acetone	104	(10 - 200)			SW846 8260B
	121	(10 - 200)	12	(0-66)	SW846 8260B
Benzene	**103**	**(55 - 138)**			**SW846 8260B**
	99	**(55 - 138)**	**4.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	75	(47 - 131)			SW846 8260B
	71	(47 - 131)	4.6	(0-51)	SW846 8260B
Bromoform	97	(26 - 141)			SW846 8260B
	99	(26 - 141)	1.8	(0-64)	SW846 8260B
Bromomethane	101	(15 - 152)			SW846 8260B
	100	(15 - 152)	0.55	(0-72)	SW846 8260B
2-Butanone	106	(21 - 195)			SW846 8260B
	111	(21 - 195)	5.2	(0-60)	SW846 8260B
Carbon disulfide	90	(27 - 149)			SW846 8260B
	89	(27 - 149)	0.98	(0-73)	SW846 8260B
Carbon tetrachloride	103	(32 - 143)			SW846 8260B
	101	(32 - 143)	2.4	(0-68)	SW846 8260B
Chlorobenzene	**93**	**(49 - 139)**			**SW846 8260B**
	89	**(49 - 139)**	**4.6**	**(0-22)**	**SW846 8260B**
Chloroethane	107	(32 - 140)			SW846 8260B
	109	(32 - 140)	1.2	(0-66)	SW846 8260B
Chloroform	105	(59 - 128)			SW846 8260B
	102	(59 - 128)	2.3	(0-46)	SW846 8260B
Chloromethane	93	(28 - 130)			SW846 8260B
	93	(28 - 130)	0.40	(0-81)	SW846 8260B
Cyclohexane	96	(50 - 150)			SW846 8260B
	94	(50 - 150)	2.0	(0-20)	SW846 8260B
Dibromochloromethane	83	(44 - 135)			SW846 8260B
	80	(44 - 135)	3.8	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	17 a	(50 - 150)			SW846 8260B
	15 a	(50 - 150)	12	(0-20)	SW846 8260B
1,2-Dibromoethane	100	(50 - 150)			SW846 8260B
	99	(50 - 150)	1.0	(0-20)	SW846 8260B
1,2-Dichlorobenzene	86	(50 - 150)			SW846 8260B
	82	(50 - 150)	4.8	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8P561AT-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110247-005 J8P561AU-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,3-Dichlorobenzene	84	(50 - 150)			SW846 8260B
	78	(50 - 150)	7.0	(0-20)	SW846 8260B
1,4-Dichlorobenzene	81	(50 - 150)			SW846 8260B
	77	(50 - 150)	5.5	(0-20)	SW846 8260B
Dichlorodifluoromethane	73	(50 - 150)			SW846 8260B
	75	(50 - 150)	1.5	(0-20)	SW846 8260B
1,1-Dichloroethane	109	(56 - 130)			SW846 8260B
	105	(56 - 130)	3.6	(0-54)	SW846 8260B
1,2-Dichloroethane	105	(56 - 126)			SW846 8260B
	104	(56 - 126)	1.1	(0-38)	SW846 8260B
1,1-Dichloroethene	**171 a**	**(43 - 147)**			**SW846 8260B**
	172 a	**(43 - 147)**	**0.95**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	109	(48 - 127)			SW846 8260B
	107	(48 - 127)	1.8	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	108	(47 - 127)			SW846 8260B
	106	(47 - 127)	1.4	(0-58)	SW846 8260B
1,2-Dichloropropane	104	(54 - 125)			SW846 8260B
	100	(54 - 125)	3.3	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	93	(30 - 138)			SW846 8260B
	90	(30 - 138)	2.9	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	91	(34 - 134)			SW846 8260B
	90	(34 - 134)	1.2	(0-57)	SW846 8260B
Ethylbenzene	94	(36 - 133)			SW846 8260B
	87	(36 - 133)	8.2	(0-72)	SW846 8260B
2-Hexanone	92	(20 - 190)			SW846 8260B
	100	(20 - 190)	8.6	(0-70)	SW846 8260B
Isopropylbenzene	105	(50 - 150)			SW846 8260B
	97	(50 - 150)	7.8	(0-20)	SW846 8260B
Methyl acetate	0.0 a	(50 - 150)			SW846 8260B
	0.0 a	(50 - 150)	0.0	(0-20)	SW846 8260B
Methylene chloride	117	(45 - 129)			SW846 8260B
	115	(45 - 129)	1.2	(0-49)	SW846 8260B
Methylcyclohexane	96	(50 - 150)			SW846 8260B
	94	(50 - 150)	2.0	(0-20)	SW846 8260B
4-Methyl-2-pentanone	103	(42 - 143)			SW846 8260B
	112	(42 - 143)	8.4	(0-60)	SW846 8260B
Methyl tert-butyl ether	110	(70 - 130)			SW846 8260B
	116	(70 - 130)	5.4	(0-30)	SW846 8260B
Styrene	97	(23 - 136)			SW846 8260B
	91	(23 - 136)	6.2	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	0.0 a	(33 - 162)			SW846 8260B
	0.0 a	(33 - 162)	0.0	(0-90)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8P561AT-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110247-005 J8P561AU-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Tetrachloroethene	95	(31 - 137)			SW846 8260B
	88	(31 - 137)	6.9	(0-81)	SW846 8260B
Toluene	**93**	**(46 - 147)**			**SW846 8260B**
	89	**(46 - 147)**	**5.1**	**(0-24)**	**SW846 8260B**
1,2,4-Trichloro-benzene	69	(50 - 150)			SW846 8260B
	64	(50 - 150)	7.1	(0-20)	SW846 8260B
1,1,1-Trichloroethane	106	(48 - 132)			SW846 8260B
	104	(48 - 132)	1.7	(0-57)	SW846 8260B
1,1,2-Trichloroethane	23 a	(58 - 128)			SW846 8260B
	20 a	(58 - 128)	14	(0-52)	SW846 8260B
Trichloroethene	**193 a**	**(46 - 143)**			**SW846 8260B**
	186 a	**(46 - 143)**	**3.8**	**(0-23)**	**SW846 8260B**
Trichlorofluoromethane	111	(50 - 150)			SW846 8260B
	109	(50 - 150)	1.5	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	126	(50 - 150)			SW846 8260B
	123	(50 - 150)	2.2	(0-20)	SW846 8260B
Vinyl chloride	90	(30 - 136)			SW846 8260B
	93	(30 - 136)	3.0	(0-80)	SW846 8260B
Xylenes (total)	95	(33 - 135)			SW846 8260B
	88	(33 - 135)	7.0	(0-78)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	24 *	(59 - 138)
	20 *	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	83	(61 - 130)
Toluene-d8	82	(60 - 143)
	80	(60 - 143)
4-Bromofluorobenzene	94	(47 - 158)
	91	(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.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.73 **% Moisture.....:** 100

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	36	35	ug/kg	94		SW846 8260B
	ND	31	28	ug/kg	87	24	SW846 8260B
Benzene	**ND**	**36**	**35**	**ug/kg**	**95**		**SW846 8260B**
	ND	**31**	**26**	**ug/kg**	**85 p**	**27**	**SW846 8260B**
Bromodichloromethane	ND	36	32	ug/kg	88		SW846 8260B
	ND	31	25	ug/kg	81	25	SW846 8260B
Bromoform	ND	36	30	ug/kg	81		SW846 8260B
	ND	31	23	ug/kg	75	25	SW846 8260B
Bromomethane	ND	36	37	ug/kg	101		SW846 8260B
	ND	31	28	ug/kg	91	27	SW846 8260B
2-Butanone	ND	36	34	ug/kg	92		SW846 8260B
	ND	31	28	ug/kg	91	18	SW846 8260B
Carbon disulfide	ND	36	38	ug/kg	103		SW846 8260B
	ND	31	28	ug/kg	91	30	SW846 8260B
Carbon tetrachloride	ND	36	36	ug/kg	99		SW846 8260B
	ND	31	27	ug/kg	88	28	SW846 8260B
Chlorobenzene	**ND**	**36**	**29**	**ug/kg**	**80**		**SW846 8260B**
	ND	**31**	**23**	**ug/kg**	**73 p**	**26**	**SW846 8260B**
Dibromochloromethane	ND	36	29	ug/kg	81		SW846 8260B
	ND	31	24	ug/kg	78	20	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	36	26	ug/kg	71		SW846 8260B
	ND	31	22	ug/kg	72	16	SW846 8260B
Chloroethane	ND	36	37	ug/kg	103		SW846 8260B
	ND	31	28	ug/kg	90	30	SW846 8260B
Chloroform	ND	36	35	ug/kg	97		SW846 8260B
	ND	31	27	ug/kg	86	28	SW846 8260B
Chloromethane	ND	36	34	ug/kg	93		SW846 8260B
	ND	31	25	ug/kg	82	29	SW846 8260B
Cyclohexane	ND	36	34	ug/kg	94		SW846 8260B
	ND	31	25	ug/kg	83 p	30	SW846 8260B
1,2-Dibromoethane	ND	36	28	ug/kg	77		SW846 8260B
	ND	31	23	ug/kg	75	19	SW846 8260B
1,2-Dichlorobenzene	ND	36	26	ug/kg	71		SW846 8260B
	ND	31	20	ug/kg	64 p	28	SW846 8260B
1,3-Dichlorobenzene	ND	36	26	ug/kg	72		SW846 8260B
	ND	31	20	ug/kg	64 p	28	SW846 8260B
1,4-Dichlorobenzene	ND	36	25	ug/kg	68		SW846 8260B
	ND	31	19	ug/kg	61 p	27	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	36	26	ug/kg	73		SW846 8260B
	ND	31	20	ug/kg	63 p	30	SW846 8260B
1,1-Dichloroethane	ND	36	37	ug/kg	101		SW846 8260B
	ND	31	28	ug/kg	91	28	SW846 8260B
1,2-Dichloroethane	ND	36	33	ug/kg	89		SW846 8260B
	ND	31	26	ug/kg	83	24	SW846 8260B
1,1-Dichloroethene	**ND**	**36**	**38**	**ug/kg**	**105**		**SW846 8260B**
	ND	**31**	**28**	**ug/kg**	**91 p**	**30**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	36	36	ug/kg	99		SW846 8260B
	ND	31	27	ug/kg	88	28	SW846 8260B
trans-1,2-Dichloroethene	ND	36	37	ug/kg	103		SW846 8260B
	ND	31	27	ug/kg	88	32	SW846 8260B
1,2-Dichloropropane	ND	36	34	ug/kg	93		SW846 8260B
	ND	31	27	ug/kg	87	24	SW846 8260B
cis-1,3-Dichloropropene	ND	36	30	ug/kg	82		SW846 8260B
	ND	31	24	ug/kg	77	23	SW846 8260B
trans-1,3-Dichloropropene	ND	36	27	ug/kg	73		SW846 8260B
	ND	31	22	ug/kg	71	19	SW846 8260B
Ethylbenzene	ND	36	31	ug/kg	86		SW846 8260B
	ND	31	24	ug/kg	77	27	SW846 8260B
Trichlorofluoromethane	ND	36	39	ug/kg	106		SW846 8260B
	ND	31	30	ug/kg	96 p	26	SW846 8260B
2-Hexanone	ND	36	27	ug/kg	75		SW846 8260B
	ND	31	24	ug/kg	76	15	SW846 8260B
Isopropylbenzene	ND	36	36	ug/kg	100		SW846 8260B
	ND	31	27	ug/kg	87 p	30	SW846 8260B
Methyl acetate	ND	36	39	ug/kg	108		SW846 8260B
	ND	31	31	ug/kg	99 p	25	SW846 8260B
Methylcyclohexane	ND	36	35	ug/kg	95		SW846 8260B
	ND	31	25	ug/kg	81 p	32	SW846 8260B
Methylene chloride	1.1	36	40	ug/kg	107		SW846 8260B
	1.1	31	29	ug/kg	91	32	SW846 8260B
4-Methyl-2-pentanone	ND	36	33	ug/kg	91		SW846 8260B
	ND	31	27	ug/kg	89	18	SW846 8260B
Styrene	ND	36	30	ug/kg	82		SW846 8260B
	ND	31	23	ug/kg	74	26	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	36	30	ug/kg	81		SW846 8260B
	ND	31	24	ug/kg	77	22	SW846 8260B
Tetrachloroethene	ND	36	32	ug/kg	88		SW846 8260B
	ND	31	24	ug/kg	79	27	SW846 8260B
Toluene	**ND**	**36**	**31**	**ug/kg**	**84**		**SW846 8260B**
	ND	**31**	**24**	**ug/kg**	**78**	**24**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	36	21	ug/kg	56		SW846 8260B
	ND	31	17	ug/kg	54 p	21	SW846 8260B
1,1,1-Trichloroethane	ND	36	38	ug/kg	103		SW846 8260B
	ND	31	28	ug/kg	92	28	SW846 8260B
1,1,2-Trichloroethane	ND	36	30	ug/kg	84		SW846 8260B
	ND	31	24	ug/kg	79	22	SW846 8260B
Trichloroethene	**ND**	**36**	**34**	**ug/kg**	**92**		**SW846 8260B**
	ND	**31**	**25**	**ug/kg**	**83 p**	**27**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	36	45	ug/kg	122		SW846 8260B
	ND	31	33	ug/kg	108 p	29	SW846 8260B
1,2,4-Trimethylbenzene	ND	36	30	ug/kg	82		SW846 8260B
	ND	31	22	ug/kg	73	28	SW846 8260B
1,3,5-Trimethylbenzene	ND	36	31	ug/kg	86		SW846 8260B
	ND	31	23	ug/kg	75	30	SW846 8260B
Vinyl chloride	ND	36	33	ug/kg	90		SW846 8260B
	ND	31	25	ug/kg	81	27	SW846 8260B
Xylenes (total)	ND	110	95	ug/kg	87		SW846 8260B
	ND	92	72	ug/kg	78	28	SW846 8260B
Methyl tert-butyl ether	ND	36	38	ug/kg	105		SW846 8260B
	ND	31	29	ug/kg	95	26	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	88	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	90	(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

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 #...: A7J110203 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.73 **% Moisture.....:** 100

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	94	(10 - 200)			SW846 8260B
	87	(10 - 200)	24	(0-66)	SW846 8260B
Benzene	**95**	**(55 - 138)**			**SW846 8260B**
	85 p	**(55 - 138)**	**27**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	88	(47 - 131)			SW846 8260B
	81	(47 - 131)	25	(0-51)	SW846 8260B
Bromoform	81	(26 - 141)			SW846 8260B
	75	(26 - 141)	25	(0-64)	SW846 8260B
Bromomethane	101	(15 - 152)			SW846 8260B
	91	(15 - 152)	27	(0-72)	SW846 8260B
2-Butanone	92	(21 - 195)			SW846 8260B
	91	(21 - 195)	18	(0-60)	SW846 8260B
Carbon disulfide	103	(27 - 149)			SW846 8260B
	91	(27 - 149)	30	(0-73)	SW846 8260B
Carbon tetrachloride	99	(32 - 143)			SW846 8260B
	88	(32 - 143)	28	(0-68)	SW846 8260B
Chlorobenzene	**80**	**(49 - 139)**			**SW846 8260B**
	73 p	**(49 - 139)**	**26**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	81	(44 - 135)			SW846 8260B
	78	(44 - 135)	20	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	71	(50 - 150)			SW846 8260B
	72	(50 - 150)	16	(0-20)	SW846 8260B
Chloroethane	103	(32 - 140)			SW846 8260B
	90	(32 - 140)	30	(0-66)	SW846 8260B
Chloroform	97	(59 - 128)			SW846 8260B
	86	(59 - 128)	28	(0-46)	SW846 8260B
Chloromethane	93	(28 - 130)			SW846 8260B
	82	(28 - 130)	29	(0-81)	SW846 8260B
Cyclohexane	94	(50 - 150)			SW846 8260B
	83 p	(50 - 150)	30	(0-20)	SW846 8260B
1,2-Dibromoethane	77	(50 - 150)			SW846 8260B
	75	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dichlorobenzene	71	(50 - 150)			SW846 8260B
	64 p	(50 - 150)	28	(0-20)	SW846 8260B
1,3-Dichlorobenzene	72	(50 - 150)			SW846 8260B
	64 p	(50 - 150)	28	(0-20)	SW846 8260B
1,4-Dichlorobenzene	68	(50 - 150)			SW846 8260B
	61 p	(50 - 150)	27	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	73	(50 - 150)			SW846 8260B
	63 p	(50 - 150)	30	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(56 - 130)			SW846 8260B
	91	(56 - 130)	28	(0-54)	SW846 8260B
1,2-Dichloroethane	89	(56 - 126)			SW846 8260B
	83	(56 - 126)	24	(0-38)	SW846 8260B
1,1-Dichloroethene	**105**	**(43 - 147)**			**SW846 8260B**
	91 p	**(43 - 147)**	**30**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	99	(48 - 127)			SW846 8260B
	88	(48 - 127)	28	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	103	(47 - 127)			SW846 8260B
	88	(47 - 127)	32	(0-58)	SW846 8260B
1,2-Dichloropropane	93	(54 - 125)			SW846 8260B
	87	(54 - 125)	24	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	82	(30 - 138)			SW846 8260B
	77	(30 - 138)	23	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	73	(34 - 134)			SW846 8260B
	71	(34 - 134)	19	(0-57)	SW846 8260B
Ethylbenzene	86	(36 - 133)			SW846 8260B
	77	(36 - 133)	27	(0-72)	SW846 8260B
Trichlorofluoromethane	106	(50 - 150)			SW846 8260B
	96 p	(50 - 150)	26	(0-20)	SW846 8260B
2-Hexanone	75	(20 - 190)			SW846 8260B
	76	(20 - 190)	15	(0-70)	SW846 8260B
Isopropylbenzene	100	(50 - 150)			SW846 8260B
	87 p	(50 - 150)	30	(0-20)	SW846 8260B
Methyl acetate	108	(50 - 150)			SW846 8260B
	99 p	(50 - 150)	25	(0-20)	SW846 8260B
Methylcyclohexane	95	(50 - 150)			SW846 8260B
	81 p	(50 - 150)	32	(0-20)	SW846 8260B
Methylene chloride	107	(45 - 129)			SW846 8260B
	91	(45 - 129)	32	(0-49)	SW846 8260B
4-Methyl-2-pentanone	91	(42 - 143)			SW846 8260B
	89	(42 - 143)	18	(0-60)	SW846 8260B
Styrene	82	(23 - 136)			SW846 8260B
	74	(23 - 136)	26	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	81	(33 - 162)			SW846 8260B
	77	(33 - 162)	22	(0-90)	SW846 8260B
Tetrachloroethene	88	(31 - 137)			SW846 8260B
	79	(31 - 137)	27	(0-81)	SW846 8260B
Toluene	**84**	**(46 - 147)**			**SW846 8260B**
	78	**(46 - 147)**	**24**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J110203 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	56	(50 - 150)			SW846 8260B
	54 p	(50 - 150)	21	(0-20)	SW846 8260B
1,1,1-Trichloroethane	103	(48 - 132)			SW846 8260B
	92	(48 - 132)	28	(0-57)	SW846 8260B
1,1,2-Trichloroethane	84	(58 - 128)			SW846 8260B
	79	(58 - 128)	22	(0-52)	SW846 8260B
Trichloroethene	**92**	**(46 - 143)**			**SW846 8260B**
	83 p	**(46 - 143)**	**27**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	122	(50 - 150)			SW846 8260B
	108 p	(50 - 150)	29	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	73	(70 - 130)	28	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	75	(70 - 130)	30	(0-30)	SW846 8260B
Vinyl chloride	90	(30 - 136)			SW846 8260B
	81	(30 - 136)	27	(0-80)	SW846 8260B
Xylenes (total)	87	(33 - 135)			SW846 8260B
	78	(33 - 135)	28	(0-78)	SW846 8260B
Methyl tert-butyl ether	105	(70 - 130)			SW846 8260B
	95	(70 - 130)	26	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	88	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	90	(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

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 #...: A7J110203 **Work Order #...:** J8RM81AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J120000-036

Prep Date.....: 10/12/07
Analysis Date..: 10/16/07 **Prep Batch #...:** 7285036
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 #...: A7J110203 **Work Order #...:** J8RM81AA **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	84	(24 - 112)
2-Fluorobiphenyl	84	(34 - 110)
Terphenyl-d14	102	(41 - 119)
Phenol-d5	84	(28 - 110)
2-Fluorophenol	83	(26 - 110)
2,4,6-Tribromophenol	46	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM81AA **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 #...: A7J110203 **Work Order #...:** J8RM91AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J120000-037

Prep Date.....: 10/12/07
Analysis Date..: 10/17/07 **Prep Batch #...:** 7285037
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	**20 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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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM91AA **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	76	(34 - 110)
Terphenyl-d14	83	(41 - 119)
Phenol-d5	74	(28 - 110)
2-Fluorophenol	74	(26 - 110)
2,4,6-Tribromophenol	55	(10 - 118)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM91AA **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 #...: A7J110203 **Work Order #...:** J8RM81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-036
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285036
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	690	ug/kg	103	SW846 8270C
Pyridine	670	490	ug/kg	73	SW846 8270C
Acenaphthene	**670**	**600**	**ug/kg**	**91**	**SW846 8270C**
Acenaphthylene	670	630	ug/kg	95	SW846 8270C
Acetophenone	670	600	ug/kg	90	SW846 8270C
Anthracene	670	650	ug/kg	97	SW846 8270C
Atrazine	670	810	ug/kg	121	SW846 8270C
Benzo(a)anthracene	670	660	ug/kg	100	SW846 8270C
Benzo(a)pyrene	670	690	ug/kg	103	SW846 8270C
Benzo(b)fluoranthene	670	750	ug/kg	112	SW846 8270C
Benzo(ghi)perylene	670	690	ug/kg	104	SW846 8270C
Benzo(k)fluoranthene	670	640	ug/kg	96	SW846 8270C
Benzaldehyde	670	780	ug/kg	118	SW846 8270C
1,1'-Biphenyl	670	600	ug/kg	89	SW846 8270C
bis(2-Chloroethoxy) methane	670	610	ug/kg	92	SW846 8270C
bis(2-Chloroethyl)- ether	670	640	ug/kg	97	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	670	ug/kg	101	SW846 8270C
4-Bromophenyl phenyl ether	670	710	ug/kg	106	SW846 8270C
Butyl benzyl phthalate	670	710	ug/kg	107	SW846 8270C
Caprolactam	670	650	ug/kg	97	SW846 8270C
Carbazole	670	690	ug/kg	104	SW846 8270C
4-Chloroaniline	670	500	ug/kg	76	SW846 8270C
4-Chloro-3-methylphenol	**670**	**610**	**ug/kg**	**92**	**SW846 8270C**
2-Chloronaphthalene	670	620	ug/kg	93	SW846 8270C
2-Chlorophenol	**670**	**610**	**ug/kg**	**91**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	690	ug/kg	104	SW846 8270C
Chrysene	670	650	ug/kg	98	SW846 8270C
Dibenz(a,h)anthracene	670	680	ug/kg	103	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-036

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	630	ug/kg	95	SW846 8270C
3,3'-Dichlorobenzidine	670	440	ug/kg	66	SW846 8270C
2,4-Dichlorophenol	670	590	ug/kg	89	SW846 8270C
Diethyl phthalate	670	680	ug/kg	102	SW846 8270C
2,4-Dimethylphenol	670	430	ug/kg	64	SW846 8270C
Dimethyl phthalate	670	660	ug/kg	100	SW846 8270C
Di-n-butyl phthalate	670	730	ug/kg	110	SW846 8270C
4,6-Dinitro-2-methylphenol	670	560	ug/kg	84	SW846 8270C
2,4-Dinitrophenol	670	350	ug/kg	52	SW846 8270C
2,4-Dinitrotoluene	**670**	**710**	**ug/kg**	**106**	**SW846 8270C**
2,6-Dinitrotoluene	670	700	ug/kg	104	SW846 8270C
Di-n-octyl phthalate	670	710	ug/kg	107	SW846 8270C
Fluoranthene	670	710	ug/kg	106	SW846 8270C
Fluorene	670	630	ug/kg	94	SW846 8270C
Hexachlorobenzene	670	650	ug/kg	98	SW846 8270C
Hexachlorobutadiene	670	630	ug/kg	94	SW846 8270C
Hexachlorocyclopenta-diene	670	580	ug/kg	87	SW846 8270C
Hexachloroethane	670	590	ug/kg	88	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	700	ug/kg	105	SW846 8270C
Isophorone	670	680	ug/kg	102	SW846 8270C
2-Methylnaphthalene	670	660	ug/kg	99	SW846 8270C
2-Methylphenol	670	610	ug/kg	91	SW846 8270C
4-Methylphenol	1300	1200	ug/kg	91	SW846 8270C
Naphthalene	670	590	ug/kg	89	SW846 8270C
2-Nitroaniline	670	690	ug/kg	103	SW846 8270C
3-Nitroaniline	670	620	ug/kg	93	SW846 8270C
4-Nitroaniline	670	690	ug/kg	103	SW846 8270C
Nitrobenzene	670	630	ug/kg	94	SW846 8270C
2-Nitrophenol	670	590	ug/kg	88	SW846 8270C
4-Nitrophenol	**670**	**550**	**ug/kg**	**83**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**660**	**ug/kg**	**99**	**SW846 8270C**
N-Nitrosodiphenylamine	670	710	ug/kg	106	SW846 8270C
Pentachlorophenol	**670**	**420**	**ug/kg**	**63**	**SW846 8270C**
Phenanthrene	670	630	ug/kg	95	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-036

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**630**	**ug/kg**	**94**	**SW846 8270C**
Pyrene	**670**	**680**	**ug/kg**	**102**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	600	ug/kg	91	SW846 8270C
2,4,6-Trichloro-phenol	670	580	ug/kg	88	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(24 - 112)
2-Fluorobiphenyl	84	(34 - 110)
Terphenyl-d14	101	(41 - 119)
Phenol-d5	87	(28 - 110)
2-Fluorophenol	90	(26 - 110)
2,4,6-Tribromophenol	74	(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 #...: A7J110203 **Work Order #...:** J8RM81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-036
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285036
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	103	(36 - 116)	SW846 8270C
Pyridine	73	(22 - 110)	SW846 8270C
Acenaphthene	**91**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	95	(47 - 110)	SW846 8270C
Acetophenone	90	(50 - 130)	SW846 8270C
Anthracene	97	(56 - 111)	SW846 8270C
Atrazine	121	(50 - 130)	SW846 8270C
Benzo(a)anthracene	100	(58 - 111)	SW846 8270C
Benzo(a)pyrene	103	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	112	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	104	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	96	(38 - 122)	SW846 8270C
Benzaldehyde	118	(10 - 130)	SW846 8270C
1,1'-Biphenyl	89	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	92	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	97	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	101	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	106	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	107	(57 - 121)	SW846 8270C
Caprolactam	97	(50 - 130)	SW846 8270C
Carbazole	104	(56 - 115)	SW846 8270C
4-Chloroaniline	76	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**92**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	93	(46 - 110)	SW846 8270C
2-Chlorophenol	**91**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	104	(53 - 110)	SW846 8270C
Chrysene	98	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	103	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-036

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	95	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	66	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	89	(40 - 110)	SW846 8270C
Diethyl phthalate	102	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	64	(28 - 110)	SW846 8270C
Dimethyl phthalate	100	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	110	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	84	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	52	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**106**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	104	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	107	(45 - 123)	SW846 8270C
Fluoranthene	106	(55 - 118)	SW846 8270C
Fluorene	94	(51 - 110)	SW846 8270C
Hexachlorobenzene	98	(51 - 110)	SW846 8270C
Hexachlorobutadiene	94	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	87	(10 - 110)	SW846 8270C
Hexachloroethane	88	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	105	(45 - 121)	SW846 8270C
Isophorone	102	(46 - 117)	SW846 8270C
2-Methylnaphthalene	99	(46 - 110)	SW846 8270C
2-Methylphenol	91	(36 - 110)	SW846 8270C
4-Methylphenol	91	(40 - 110)	SW846 8270C
Naphthalene	89	(42 - 110)	SW846 8270C
2-Nitroaniline	103	(47 - 124)	SW846 8270C
3-Nitroaniline	93	(44 - 110)	SW846 8270C
4-Nitroaniline	103	(50 - 110)	SW846 8270C
Nitrobenzene	94	(40 - 110)	SW846 8270C
2-Nitrophenol	88	(35 - 110)	SW846 8270C
4-Nitrophenol	**83**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**99**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	106	(54 - 112)	SW846 8270C
Pentachlorophenol	**63**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	95	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM81AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-036

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**94**	**(39 - 110)**	**SW846 8270C**
Pyrene	**102**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	91	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	88	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(24 - 112)
2-Fluorobiphenyl	84	(34 - 110)
Terphenyl-d14	101	(41 - 119)
Phenol-d5	87	(28 - 110)
2-Fluorophenol	90	(26 - 110)
2,4,6-Tribromophenol	74	(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 #...: A7J110203 **Work Order #...:** J8RM91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-037
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285037
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	470	ug/kg	71	SW846 8270C
Pyridine	670	290	ug/kg	43	SW846 8270C
Acenaphthene	**670**	**500**	**ug/kg**	**75**	**SW846 8270C**
Acenaphthylene	670	480	ug/kg	72	SW846 8270C
Acetophenone	670	440	ug/kg	66	SW846 8270C
Anthracene	670	540	ug/kg	80	SW846 8270C
Atrazine	670	660	ug/kg	99	SW846 8270C
Benzo(a)anthracene	670	550	ug/kg	83	SW846 8270C
Benzo(a)pyrene	670	560	ug/kg	84	SW846 8270C
Benzo(b)fluoranthene	670	570	ug/kg	85	SW846 8270C
Benzo(ghi)perylene	670	560	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	670	570	ug/kg	85	SW846 8270C
Benzaldehyde	670	450	ug/kg	68	SW846 8270C
1,1'-Biphenyl	670	500	ug/kg	75	SW846 8270C
bis(2-Chloroethoxy) methane	670	470	ug/kg	71	SW846 8270C
bis(2-Chloroethyl)- ether	670	450	ug/kg	68	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	600	ug/kg	89	SW846 8270C
4-Bromophenyl phenyl ether	670	530	ug/kg	80	SW846 8270C
Butyl benzyl phthalate	670	610	ug/kg	91	SW846 8270C
Caprolactam	670	540	ug/kg	81	SW846 8270C
Carbazole	670	570	ug/kg	86	SW846 8270C
4-Chloroaniline	670	350	ug/kg	52	SW846 8270C
4-Chloro-3-methylphenol	**670**	**490**	**ug/kg**	**73**	**SW846 8270C**
2-Chloronaphthalene	670	480	ug/kg	72	SW846 8270C
2-Chlorophenol	**670**	**440**	**ug/kg**	**67**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	550	ug/kg	83	SW846 8270C
Chrysene	670	580	ug/kg	88	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 #...: A7J110203 **Work Order #...:** J8RM91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-037

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	500	ug/kg	75	SW846 8270C
3,3'-Dichlorobenzidine	670	420	ug/kg	62	SW846 8270C
2,4-Dichlorophenol	670	440	ug/kg	66	SW846 8270C
Diethyl phthalate	670	580	ug/kg	87	SW846 8270C
2,4-Dimethylphenol	670	380	ug/kg	57	SW846 8270C
Dimethyl phthalate	670	560	ug/kg	84	SW846 8270C
Di-n-butyl phthalate	670	600	ug/kg	89	SW846 8270C
4,6-Dinitro-2-methylphenol	670	460	ug/kg	69	SW846 8270C
2,4-Dinitrophenol	670	290	ug/kg	44	SW846 8270C
2,4-Dinitrotoluene	**670**	**620**	**ug/kg**	**92**	**SW846 8270C**
2,6-Dinitrotoluene	670	570	ug/kg	86	SW846 8270C
Di-n-octyl phthalate	670	590	ug/kg	89	SW846 8270C
Fluoranthene	670	580	ug/kg	87	SW846 8270C
Fluorene	670	510	ug/kg	76	SW846 8270C
Hexachlorobenzene	670	530	ug/kg	79	SW846 8270C
Hexachlorobutadiene	670	450	ug/kg	68	SW846 8270C
Hexachlorocyclopenta-diene	670	510	ug/kg	76	SW846 8270C
Hexachloroethane	670	410	ug/kg	62	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	570	ug/kg	85	SW846 8270C
Isophorone	670	500	ug/kg	76	SW846 8270C
2-Methylnaphthalene	670	490	ug/kg	73	SW846 8270C
2-Methylphenol	670	450	ug/kg	68	SW846 8270C
4-Methylphenol	1300	870	ug/kg	65	SW846 8270C
Naphthalene	670	450	ug/kg	67	SW846 8270C
2-Nitroaniline	670	560	ug/kg	84	SW846 8270C
3-Nitroaniline	670	520	ug/kg	78	SW846 8270C
4-Nitroaniline	670	580	ug/kg	87	SW846 8270C
Nitrobenzene	670	470	ug/kg	71	SW846 8270C
2-Nitrophenol	670	460	ug/kg	70	SW846 8270C
4-Nitrophenol	**670**	**460**	**ug/kg**	**69**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**480**	**ug/kg**	**72**	**SW846 8270C**
N-Nitrosodiphenylamine	670	540	ug/kg	82	SW846 8270C
Pentachlorophenol	**670**	**330**	**ug/kg**	**50**	**SW846 8270C**
Phenanthrene	670	520	ug/kg	78	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-037

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**450**	**ug/kg**	**68**	**SW846 8270C**
Pyrene	**670**	**570**	**ug/kg**	**86**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	440	ug/kg	65	SW846 8270C
2,4,6-Trichloro-phenol	670	360	ug/kg	54	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	43	(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 #...: A7J110203 **Work Order #...:** J8RM91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-037
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285037
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	71	(36 - 116)	SW846 8270C
Pyridine	43	(22 - 110)	SW846 8270C
Acenaphthene	**75**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	72	(47 - 110)	SW846 8270C
Acetophenone	66	(50 - 130)	SW846 8270C
Anthracene	80	(56 - 111)	SW846 8270C
Atrazine	99	(50 - 130)	SW846 8270C
Benzo(a)anthracene	83	(58 - 111)	SW846 8270C
Benzo(a)pyrene	84	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	85	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	84	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	85	(38 - 122)	SW846 8270C
Benzaldehyde	68	(10 - 130)	SW846 8270C
1,1'-Biphenyl	75	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	71	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	68	(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	91	(57 - 121)	SW846 8270C
Caprolactam	81	(50 - 130)	SW846 8270C
Carbazole	86	(56 - 115)	SW846 8270C
4-Chloroaniline	52	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**73**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	72	(46 - 110)	SW846 8270C
2-Chlorophenol	**67**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	83	(53 - 110)	SW846 8270C
Chrysene	88	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	86	(45 - 122)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-037

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	75	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	62	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	66	(40 - 110)	SW846 8270C
Diethyl phthalate	87	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	57	(28 - 110)	SW846 8270C
Dimethyl phthalate	84	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	89	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	69	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	44	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**92**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	86	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	89	(45 - 123)	SW846 8270C
Fluoranthene	87	(55 - 118)	SW846 8270C
Fluorene	76	(51 - 110)	SW846 8270C
Hexachlorobenzene	79	(51 - 110)	SW846 8270C
Hexachlorobutadiene	68	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	76	(10 - 110)	SW846 8270C
Hexachloroethane	62	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	85	(45 - 121)	SW846 8270C
Isophorone	76	(46 - 117)	SW846 8270C
2-Methylnaphthalene	73	(46 - 110)	SW846 8270C
2-Methylphenol	68	(36 - 110)	SW846 8270C
4-Methylphenol	65	(40 - 110)	SW846 8270C
Naphthalene	67	(42 - 110)	SW846 8270C
2-Nitroaniline	84	(47 - 124)	SW846 8270C
3-Nitroaniline	78	(44 - 110)	SW846 8270C
4-Nitroaniline	87	(50 - 110)	SW846 8270C
Nitrobenzene	71	(40 - 110)	SW846 8270C
2-Nitrophenol	70	(35 - 110)	SW846 8270C
4-Nitrophenol	**69**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**72**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	82	(54 - 112)	SW846 8270C
Pentachlorophenol	**50**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	78	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8RM91AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-037

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**68**	**(39 - 110)**	**SW846 8270C**
Pyrene	**86**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	65	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	54	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	62	(24 - 112)
2-Fluorobiphenyl	64	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	60	(28 - 110)
2-Fluorophenol	62	(26 - 110)
2,4,6-Tribromophenol	43	(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 #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
Dilution Factor: 2

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	770	600	ug/kg	79 DIL		SW846 8270C
	ND	770	520	ug/kg	67 DIL	15	SW846 8270C
Pyridine	ND	770	350	ug/kg	46 DIL		SW846 8270C
	ND	770	210	ug/kg	27	51	SW846 8270C
	Qualifiers:	DIL,p					
Acenaphthene	**69**	**770**	**770**	**ug/kg**	**92 DIL**		**SW846 8270C**
	69	**770**	**710**	**ug/kg**	**84 DIL**	**7.8**	**SW846 8270C**
Acenaphthylene	ND	770	720	ug/kg	94 DIL		SW846 8270C
	ND	770	620	ug/kg	80 DIL	15	SW846 8270C
Acetophenone	ND	770	570	ug/kg	74 DIL		SW846 8270C
	ND	770	480	ug/kg	62 DIL	17	SW846 8270C
Anthracene	260	770	910	ug/kg	85 DIL		SW846 8270C
	260	770	890	ug/kg	82 DIL	2.4	SW846 8270C
Atrazine	ND	770	920	ug/kg	120		SW846 8270C
	Qualifiers:	DIL					
	ND	770	810	ug/kg	105	13	SW846 8270C
	Qualifiers:	DIL					
Benzo(a)anthracene	970	770	1100	ug/kg	22 DIL		SW846 8270C
	970	770	1100	ug/kg	13 DIL	6.1	SW846 8270C
Benzo(a)pyrene	820	770	1000	ug/kg	26 DIL		SW846 8270C
	820	770	1000	ug/kg	23 DIL	2.3	SW846 8270C
Benzo(b)fluoranthene	1100	770	1100	ug/kg	6.2		SW846 8270C
	Qualifiers:	DIL,a					
	1100	770	1000	ug/kg	0.0	0.0	SW846 8270C
	Qualifiers:	DIL,a					
Benzo(ghi)perylene	590	770	1000	ug/kg	54 DIL		SW846 8270C
	590	770	930	ug/kg	44 DIL	7.5	SW846 8270C
Benzo(k)fluoranthene	390	770	900	ug/kg	67 DIL		SW846 8270C
	390	770	940	ug/kg	72 DIL	4.1	SW846 8270C
Benzaldehyde	ND	770	630	ug/kg	82 DIL		SW846 8270C
	ND	770	510	ug/kg	66 DIL	22	SW846 8270C
1,1'-Biphenyl	ND	770	710	ug/kg	93 DIL		SW846 8270C
	ND	770	600	ug/kg	78 DIL	17	SW846 8270C
bis(2-Chloroethoxy) methane	ND	770	570	ug/kg	74 DIL		SW846 8270C
	ND	770	480	ug/kg	62 DIL	17	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroethyl)-ether	ND	770	590	ug/kg	77 DIL		SW846 8270C
	ND	770	520	ug/kg	68 DIL	12	SW846 8270C
bis(2-Ethylhexyl) phthalate	44	770	860	ug/kg	106		SW846 8270C
	Qualifiers:	DIL					
	44	770	770	ug/kg	95 DIL	10	SW846 8270C
4-Bromophenyl phenyl ether	ND	770	790	ug/kg	103		SW846 8270C
	Qualifiers:	DIL					
	ND	770	730	ug/kg	95 DIL	7.4	SW846 8270C
Butyl benzyl phthalate	ND	770	860	ug/kg	113		SW846 8270C
	Qualifiers:	DIL					
	ND	770	800	ug/kg	104	7.6	SW846 8270C
	Qualifiers:	DIL					
Caprolactam	ND	770	610	ug/kg	80 DIL		SW846 8270C
	ND	770	440	ug/kg	58	31	SW846 8270C
	Qualifiers:	DIL,p					
Carbazole	140	770	880	ug/kg	97 DIL		SW846 8270C
	140	770	820	ug/kg	88 DIL	7.8	SW846 8270C
4-Chloroaniline	ND	770	440	ug/kg	58 DIL		SW846 8270C
	ND	770	370	ug/kg	48 DIL	18	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**770**	**680**	**ug/kg**	**89 DIL**		**SW846 8270C**
	ND	**770**	**560**	**ug/kg**	**72 DIL**	**20**	**SW846 8270C**
2-Chloronaphthalene	ND	770	690	ug/kg	90 DIL		SW846 8270C
	ND	770	570	ug/kg	74 DIL	19	SW846 8270C
2-Chlorophenol	**ND**	**770**	**540**	**ug/kg**	**71 DIL**		**SW846 8270C**
	ND	**770**	**450**	**ug/kg**	**59 DIL**	**18**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	770	840	ug/kg	110		SW846 8270C
	Qualifiers:	DIL					
	ND	770	740	ug/kg	96 DIL	14	SW846 8270C
Chrysene	950	770	1200	ug/kg	29 DIL		SW846 8270C
	950	770	1200	ug/kg	34 DIL	3.5	SW846 8270C
Dibenz(a,h)anthracene	140	770	800	ug/kg	86 DIL		SW846 8270C
	140	770	750	ug/kg	78 DIL	7.3	SW846 8270C
Dibenzofuran	61	770	820	ug/kg	99 DIL		SW846 8270C
	61	770	740	ug/kg	88 DIL	10	SW846 8270C
3,3'-Dichlorobenzidine	ND	770	600	ug/kg	79 DIL		SW846 8270C
	ND	770	510	ug/kg	66 DIL	17	SW846 8270C
2,4-Dichlorophenol	ND	770	590	ug/kg	76 DIL		SW846 8270C
	ND	770	440	ug/kg	58 DIL	27	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diethyl phthalate	ND	770	840	ug/kg	110		SW846 8270C
	Qualifiers:		DIL				
	ND	770	740	ug/kg	96 DIL	13	SW846 8270C
2,4-Dimethylphenol	ND	770	570	ug/kg	74 DIL		SW846 8270C
	ND	770	500	ug/kg	64 DIL	13	SW846 8270C
Dimethyl phthalate	ND	770	770	ug/kg	101		SW846 8270C
	Qualifiers:		DIL				
	ND	770	650	ug/kg	85 DIL	17	SW846 8270C
Di-n-butyl phthalate	ND	770	870	ug/kg	113		SW846 8270C
	Qualifiers:		DIL				
	ND	770	800	ug/kg	104	8.0	SW846 8270C
	Qualifiers:		DIL				
4,6-Dinitro-2-methylphenol	ND	770	150	ug/kg	20 DIL		SW846 8270C
	ND	770	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:		DIL,a,p				
2,4-Dinitrophenol	ND	770	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	770	0.0	ug/kg	0.0	0.0	SW846 8270C
	Qualifiers:		DIL,a				
2,4-Dinitrotoluene	**ND**	**770**	**730**	**ug/kg**	**96 DIL**		**SW846 8270C**
	ND	**770**	**690**	**ug/kg**	**89 DIL**	**6.9**	**SW846 8270C**
2,6-Dinitrotoluene	ND	770	750	ug/kg	98 DIL		SW846 8270C
	ND	770	630	ug/kg	82 DIL	17	SW846 8270C
Di-n-octyl phthalate	ND	770	860	ug/kg	112		SW846 8270C
	Qualifiers:		DIL				
	ND	770	780	ug/kg	102	9.2	SW846 8270C
	Qualifiers:		DIL				
Fluoranthene	1900	770	1400	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	1900	770	1600	ug/kg	0.0	0.0	SW846 8270C
	Qualifiers:		DIL,a				
Fluorene	74	770	800	ug/kg	95 DIL		SW846 8270C
	74	770	700	ug/kg	82 DIL	13	SW846 8270C
Hexachlorobenzene	ND	770	810	ug/kg	105		SW846 8270C
	Qualifiers:		DIL				
	ND	770	730	ug/kg	95 DIL	10	SW846 8270C
Hexachlorobutadiene	ND	770	550	ug/kg	72 DIL		SW846 8270C
	ND	770	500	ug/kg	64 DIL	11	SW846 8270C
Hexachlorocyclopenta-diene	ND	770	0.0	ug/kg	0.0		SW846 8270C
	Qualifiers:		DIL,a				
	ND	770	0.0	ug/kg	0.0	0.0	SW846 8270C
	Qualifiers:		DIL,a				

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Hexachloroethane	ND	770	500	ug/kg	65 DIL		SW846 8270C
	ND	770	410	ug/kg	54 DIL	18	SW846 8270C
Indeno(1,2,3-cd)pyrene	500	770	960	ug/kg	59 DIL		SW846 8270C
	500	770	880	ug/kg	48 DIL	9.0	SW846 8270C
Isophorone	ND	770	600	ug/kg	79 DIL		SW846 8270C
	ND	770	510	ug/kg	66 DIL	17	SW846 8270C
2-Methylnaphthalene	160	770	880	ug/kg	93 DIL		SW846 8270C
	160	770	720	ug/kg	73 DIL	19	SW846 8270C
2-Methylphenol	ND	770	610	ug/kg	80 DIL		SW846 8270C
	ND	770	500	ug/kg	65 DIL	20	SW846 8270C
4-Methylphenol	ND	1500	1100	ug/kg	71 DIL		SW846 8270C
	ND	1500	940	ug/kg	61 DIL	15	SW846 8270C
Naphthalene	100	770	630	ug/kg	70 DIL		SW846 8270C
	100	770	550	ug/kg	59 DIL	14	SW846 8270C
2-Nitroaniline	ND	770	830	ug/kg	109		SW846 8270C
	Qualifiers: DIL						
	ND	770	660	ug/kg	86 DIL	23	SW846 8270C
3-Nitroaniline	ND	770	740	ug/kg	96 DIL		SW846 8270C
	ND	770	690	ug/kg	90 DIL	6.6	SW846 8270C
4-Nitroaniline	ND	770	940	ug/kg	122		SW846 8270C
	Qualifiers: DIL						
	ND	770	790	ug/kg	102	17	SW846 8270C
	Qualifiers: DIL						
Nitrobenzene	ND	770	550	ug/kg	71 DIL		SW846 8270C
	ND	770	490	ug/kg	64 DIL	11	SW846 8270C
2-Nitrophenol	ND	770	430	ug/kg	57 DIL		SW846 8270C
	ND	770	340	ug/kg	44 DIL	24	SW846 8270C
4-Nitrophenol	**ND**	**770**	**420**	**ug/kg**	**55 DIL**		**SW846 8270C**
	ND	**770**	**350**	**ug/kg**	**46 DIL**	**18**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**770**	**570**	**ug/kg**	**74 DIL**		**SW846 8270C**
	ND	**770**	**490**	**ug/kg**	**63 DIL**	**16**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	770	860	ug/kg	112		SW846 8270C
	Qualifiers: DIL						
	ND	770	780	ug/kg	101	9.2	SW846 8270C
	Qualifiers: DIL						
Pentachlorophenol	**ND**	**770**	**380**	**ug/kg**	**49 DIL**		**SW846 8270C**
	ND	**770**	**300**	**ug/kg**	**38 DIL**	**24**	**SW846 8270C**
Phenanthrene	980	770	1100	ug/kg	16 DIL		SW846 8270C
	980	770	1200	ug/kg	22 DIL	4.2	SW846 8270C
Phenol	**ND**	**770**	**550**	**ug/kg**	**71 DIL**		**SW846 8270C**
	ND	**770**	**450**	**ug/kg**	**59 DIL**	**19**	**SW846 8270C**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Pyrene	**1600**	**770**	**1300**	**ug/kg**	**0.0**		**SW846 8270C**
	Qualifiers:		DIL,a				
	1600	**770**	**1300**	**ug/kg**	**0.0**	**0.0**	**SW846 8270C**
	Qualifiers:		DIL,a				
2,4,5-Trichloro-phenol	ND	770	620	ug/kg	81 DIL		SW846 8270C
	ND	770	550	ug/kg	71 DIL	12	SW846 8270C
2,4,6-Trichloro-phenol	ND	770	380	ug/kg	50 DIL		SW846 8270C
	ND	770	280	ug/kg	37	31	SW846 8270C
	Qualifiers:		DIL,p				

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64 DIL	(24 - 112)
	58 DIL	(24 - 112)
2-Fluorobiphenyl	79 DIL	(34 - 110)
	68 DIL	(34 - 110)
Terphenyl-d14	108 DIL	(41 - 119)
	95 DIL	(41 - 119)
Phenol-d5	68 DIL	(28 - 110)
	57 DIL	(28 - 110)
2-Fluorophenol	65 DIL	(26 - 110)
	55 DIL	(26 - 110)
2,4,6-Tribromophenol	41 DIL	(10 - 118)
	29 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 #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD
Date Sampled...: 10/10/07 11:55 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7285036
Dilution Factor: 2

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	79 DIL	(25 - 124)			SW846 8270C
	67 DIL	(25 - 124)	15	(0-30)	SW846 8270C
Pyridine	46 DIL	(10 - 110)			SW846 8270C
	27 DIL,p	(10 - 110)	51	(0-30)	SW846 8270C
Acenaphthene	**92 DIL**	**(10 - 200)**			**SW846 8270C**
	84 DIL	**(10 - 200)**	**7.8**	**(0-30)**	**SW846 8270C**
Acenaphthylene	94 DIL	(10 - 200)			SW846 8270C
	80 DIL	(10 - 200)	15	(0-30)	SW846 8270C
Acetophenone	74 DIL	(50 - 130)			SW846 8270C
	62 DIL	(50 - 130)	17	(0-30)	SW846 8270C
Anthracene	85 DIL	(10 - 200)			SW846 8270C
	82 DIL	(10 - 200)	2.4	(0-30)	SW846 8270C
Atrazine	120 DIL	(50 - 130)			SW846 8270C
	105 DIL	(50 - 130)	13	(0-30)	SW846 8270C
Benzo(a)anthracene	22 DIL	(10 - 200)			SW846 8270C
	13 DIL	(10 - 200)	6.1	(0-30)	SW846 8270C
Benzo(a)pyrene	26 DIL	(10 - 200)			SW846 8270C
	23 DIL	(10 - 200)	2.3	(0-30)	SW846 8270C
Benzo(b)fluoranthene	6.2 DIL,a	(10 - 200)			SW846 8270C
	0.0 DIL,a	(10 - 200)	0.0	(0-30)	SW846 8270C
Benzo(ghi)perylene	54 DIL	(10 - 200)			SW846 8270C
	44 DIL	(10 - 200)	7.5	(0-30)	SW846 8270C
Benzo(k)fluoranthene	67 DIL	(10 - 200)			SW846 8270C
	72 DIL	(10 - 200)	4.1	(0-30)	SW846 8270C
Benzaldehyde	82 DIL	(10 - 130)			SW846 8270C
	66 DIL	(10 - 130)	22	(0-30)	SW846 8270C
1,1'-Biphenyl	93 DIL	(50 - 130)			SW846 8270C
	78 DIL	(50 - 130)	17	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	74 DIL	(36 - 110)			SW846 8270C
	62 DIL	(36 - 110)	17	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	77 DIL	(32 - 118)			SW846 8270C
	68 DIL	(32 - 118)	12	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	106 DIL	(10 - 200)			SW846 8270C
	95 DIL	(10 - 200)	10	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	103 DIL	(44 - 120)			SW846 8270C
	95 DIL	(44 - 120)	7.4	(0-30)	SW846 8270C
Butyl benzyl phthalate	113 DIL	(43 - 138)			SW846 8270C
	104 DIL	(43 - 138)	7.6	(0-30)	SW846 8270C
Caprolactam	80 DIL	(50 - 130)			SW846 8270C
	58 DIL,p	(50 - 130)	31	(0-30)	SW846 8270C
Carbazole	97 DIL	(10 - 162)			SW846 8270C
	88 DIL	(10 - 162)	7.8	(0-30)	SW846 8270C
4-Chloroaniline	58 DIL	(11 - 110)			SW846 8270C
	48 DIL	(11 - 110)	18	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**89 DIL**	**(32 - 117)**			**SW846 8270C**
	72 DIL	**(32 - 117)**	**20**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	90 DIL	(40 - 110)			SW846 8270C
	74 DIL	(40 - 110)	19	(0-30)	SW846 8270C
2-Chlorophenol	**71 DIL**	**(32 - 110)**			**SW846 8270C**
	59 DIL	**(32 - 110)**	**18**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	110 DIL	(47 - 116)			SW846 8270C
	96 DIL	(47 - 116)	14	(0-30)	SW846 8270C
Chrysene	29 DIL	(10 - 200)			SW846 8270C
	34 DIL	(10 - 200)	3.5	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	86 DIL	(10 - 200)			SW846 8270C
	78 DIL	(10 - 200)	7.3	(0-30)	SW846 8270C
Dibenzofuran	99 DIL	(10 - 200)			SW846 8270C
	88 DIL	(10 - 200)	10	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	79 DIL	(10 - 110)			SW846 8270C
	66 DIL	(10 - 110)	17	(0-30)	SW846 8270C
2,4-Dichlorophenol	76 DIL	(33 - 110)			SW846 8270C
	58 DIL	(33 - 110)	27	(0-30)	SW846 8270C
Diethyl phthalate	110 DIL	(48 - 118)			SW846 8270C
	96 DIL	(48 - 118)	13	(0-30)	SW846 8270C
2,4-Dimethylphenol	74 DIL	(19 - 114)			SW846 8270C
	64 DIL	(19 - 114)	13	(0-30)	SW846 8270C
Dimethyl phthalate	101 DIL	(47 - 116)			SW846 8270C
	85 DIL	(47 - 116)	17	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	113 DIL	(31 - 145)			SW846 8270C
	104 DIL	(31 - 145)	8.0	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	20 DIL	(10 - 110)			SW846 8270C
	0.0	(10 - 110)	200	(0-30)	SW846 8270C
	Qualifiers: DIL,a,p				
2,4-Dinitrophenol	0.0 DIL,a	(10 - 110)			SW846 8270C
	0.0 DIL,a	(10 - 110)	0.0	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**96 DIL**	**(42 - 118)**			**SW846 8270C**
	89 DIL	**(42 - 118)**	**6.9**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	98 DIL	(28 - 137)			SW846 8270C
	82 DIL	(28 - 137)	17	(0-30)	SW846 8270C
Di-n-octyl phthalate	112 DIL	(10 - 182)			SW846 8270C
	102 DIL	(10 - 182)	9.2	(0-30)	SW846 8270C
Fluoranthene	0.0 DIL,a	(10 - 200)			SW846 8270C
	0.0 DIL,a	(10 - 200)	0.0	(0-30)	SW846 8270C
Fluorene	95 DIL	(10 - 187)			SW846 8270C
	82 DIL	(10 - 187)	13	(0-30)	SW846 8270C
Hexachlorobenzene	105 DIL	(37 - 122)			SW846 8270C
	95 DIL	(37 - 122)	10	(0-30)	SW846 8270C
Hexachlorobutadiene	72 DIL	(30 - 110)			SW846 8270C
	64 DIL	(30 - 110)	11	(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
	54 DIL	(13 - 110)	18	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	59 DIL	(10 - 200)			SW846 8270C
	48 DIL	(10 - 200)	9.0	(0-30)	SW846 8270C
Isophorone	79 DIL	(32 - 129)			SW846 8270C
	66 DIL	(32 - 129)	17	(0-30)	SW846 8270C
2-Methylnaphthalene	93 DIL	(10 - 200)			SW846 8270C
	73 DIL	(10 - 200)	19	(0-30)	SW846 8270C
2-Methylphenol	80 DIL	(19 - 124)			SW846 8270C
	65 DIL	(19 - 124)	20	(0-30)	SW846 8270C
4-Methylphenol	71 DIL	(27 - 116)			SW846 8270C
	61 DIL	(27 - 116)	15	(0-30)	SW846 8270C
Naphthalene	70 DIL	(10 - 200)			SW846 8270C
	59 DIL	(10 - 200)	14	(0-30)	SW846 8270C
2-Nitroaniline	109 DIL	(31 - 141)			SW846 8270C
	86 DIL	(31 - 141)	23	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	96 DIL	(24 - 110)			SW846 8270C
	90 DIL	(24 - 110)	6.6	(0-30)	SW846 8270C
4-Nitroaniline	122 DIL	(23 - 124)			SW846 8270C
	102 DIL	(23 - 124)	17	(0-30)	SW846 8270C
Nitrobenzene	71 DIL	(33 - 111)			SW846 8270C
	64 DIL	(33 - 111)	11	(0-30)	SW846 8270C
2-Nitrophenol	57 DIL	(17 - 110)			SW846 8270C
	44 DIL	(17 - 110)	24	(0-30)	SW846 8270C
4-Nitrophenol	**55 DIL**	**(10 - 125)**			**SW846 8270C**
	46 DIL	**(10 - 125)**	**18**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**74 DIL**	**(30 - 121)**			**SW846 8270C**
	63 DIL	**(30 - 121)**	**16**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	112 DIL	(10 - 169)			SW846 8270C
	101 DIL	(10 - 169)	9.2	(0-30)	SW846 8270C
Pentachlorophenol	**49 DIL**	**(10 - 182)**			**SW846 8270C**
	38 DIL	**(10 - 182)**	**24**	**(0-30)**	**SW846 8270C**
Phenanthrene	16 DIL	(10 - 200)			SW846 8270C
	22 DIL	(10 - 200)	4.2	(0-30)	SW846 8270C
Phenol	**71 DIL**	**(10 - 144)**			**SW846 8270C**
	59 DIL	**(10 - 144)**	**19**	**(0-30)**	**SW846 8270C**
Pyrene	**0.0 DIL,a**	**(10 - 200)**			**SW846 8270C**
	0.0 DIL,a	**(10 - 200)**	**0.0**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	81 DIL	(32 - 112)			SW846 8270C
	71 DIL	(32 - 112)	12	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	50 DIL	(22 - 110)			SW846 8270C
	37 DIL,p	(22 - 110)	31	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	64 DIL	(24 - 112)
	58 DIL	(24 - 112)
2-Fluorobiphenyl	79 DIL	(34 - 110)
	68 DIL	(34 - 110)
Terphenyl-d14	108 DIL	(41 - 119)
	95 DIL	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PPA1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-007 J8PPA1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	68 DIL	(28 - 110)
	57 DIL	(28 - 110)
2-Fluorophenol	65 DIL	(26 - 110)
	55 DIL	(26 - 110)
2,4,6-Tribromophenol	41 DIL	(10 - 118)
	29 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 #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285037
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	750	510	ug/kg	68		SW846 8270C
	ND	750	610	ug/kg	81	17	SW846 8270C
Pyridine	ND	750	150	ug/kg	20		SW846 8270C
	ND	750	240	ug/kg	32 p	47	SW846 8270C
Acenaphthene	**34**	**750**	**760**	**ug/kg**	**97**		**SW846 8270C**
	34	**750**	**700**	**ug/kg**	**90**	**7.1**	**SW846 8270C**
Acenaphthylene	22	750	670	ug/kg	87		SW846 8270C
	22	750	630	ug/kg	82	5.7	SW846 8270C
Acetophenone	ND	750	500	ug/kg	67		SW846 8270C
	ND	750	600	ug/kg	80	18	SW846 8270C
Anthracene	66	750	820	ug/kg	101		SW846 8270C
	66	750	740	ug/kg	91	9.3	SW846 8270C
Atrazine	ND	750	800	ug/kg	107		SW846 8270C
	ND	750	770	ug/kg	103	4.4	SW846 8270C
Benzo(a)anthracene	200	750	1100	ug/kg	119		SW846 8270C
	200	750	810	ug/kg	82	29	SW846 8270C
Benzo(a)pyrene	210	750	950	ug/kg	100		SW846 8270C
	210	750	840	ug/kg	86	12	SW846 8270C
Benzo(b)fluoranthene	300	750	1000	ug/kg	96		SW846 8270C
	300	750	910	ug/kg	82	11	SW846 8270C
Benzo(ghi)perylene	180	750	890	ug/kg	95		SW846 8270C
	180	750	800	ug/kg	84	10	SW846 8270C
Benzo(k)fluoranthene	120	750	900	ug/kg	104		SW846 8270C
	120	750	790	ug/kg	89	13	SW846 8270C
Benzaldehyde	ND	750	430	ug/kg	57		SW846 8270C
	ND	750	620	ug/kg	83 p	37	SW846 8270C
1,1'-Biphenyl	ND	750	700	ug/kg	92		SW846 8270C
	ND	750	680	ug/kg	89	3.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	750	570	ug/kg	76		SW846 8270C
	ND	750	610	ug/kg	82	7.4	SW846 8270C
bis(2-Chloroethyl)-ether	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	770	ug/kg	103 p	36	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	64	750	860	ug/kg	107		SW846 8270C
	64	750	800	ug/kg	99	6.6	SW846 8270C
4-Bromophenyl phenyl ether	ND	750	750	ug/kg	100		SW846 8270C
	ND	750	700	ug/kg	94	6.8	SW846 8270C
Butyl benzyl phthalate	ND	750	840	ug/kg	112		SW846 8270C
	ND	750	780	ug/kg	104	7.8	SW846 8270C
Caprolactam	ND	750	710	ug/kg	95		SW846 8270C
	ND	750	730	ug/kg	98	3.4	SW846 8270C
Carbazole	43	750	730	ug/kg	92		SW846 8270C
	43	750	730	ug/kg	93	0.64	SW846 8270C
4-Chloroaniline	ND	750	460	ug/kg	62		SW846 8270C
	ND	750	500	ug/kg	67	7.6	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**750**	**720**	**ug/kg**	**97**		**SW846 8270C**
	ND	**750**	**680**	**ug/kg**	**92**	**5.2**	**SW846 8270C**
2-Chloronaphthalene	ND	750	680	ug/kg	91		SW846 8270C
	ND	750	640	ug/kg	86	5.9	SW846 8270C
2-Chlorophenol	**ND**	**750**	**550**	**ug/kg**	**74**		**SW846 8270C**
	ND	**750**	**600**	**ug/kg**	**81**	**9.2**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	750	780	ug/kg	104		SW846 8270C
	ND	750	710	ug/kg	96	8.8	SW846 8270C
Chrysene	260	750	1000	ug/kg	104		SW846 8270C
	260	750	890	ug/kg	84	16	SW846 8270C
Dibenz(a,h)anthracene	43	750	740	ug/kg	93		SW846 8270C
	43	750	710	ug/kg	89	4.3	SW846 8270C
Dibenzofuran	53	750	770	ug/kg	96		SW846 8270C
	53	750	720	ug/kg	90	6.6	SW846 8270C
3,3'-Dichlorobenzidine	ND	750	400	ug/kg	54		SW846 8270C
	ND	750	400	ug/kg	54	0.36	SW846 8270C
2,4-Dichlorophenol	ND	750	660	ug/kg	89		SW846 8270C
	ND	750	650	ug/kg	87	2.0	SW846 8270C
Diethyl phthalate	ND	750	750	ug/kg	100		SW846 8270C
	ND	750	700	ug/kg	94	6.9	SW846 8270C
2,4-Dimethylphenol	ND	750	640	ug/kg	86		SW846 8270C
	ND	750	630	ug/kg	85	1.1	SW846 8270C
Dimethyl phthalate	ND	750	740	ug/kg	99		SW846 8270C
	ND	750	670	ug/kg	90	9.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	750	790	ug/kg	106		SW846 8270C
	ND	750	730	ug/kg	98	8.2	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	750	260	ug/kg	35		SW846 8270C
	ND	750	140	ug/kg	19 p	56	SW846 8270C
2,4-Dinitrophenol	ND	750	260	ug/kg	35		SW846 8270C
	ND	750	150	ug/kg	21 p	51	SW846 8270C
2,4-Dinitrotoluene	**ND**	**750**	**760**	**ug/kg**	**102**		**SW846 8270C**
	ND	**750**	**680**	**ug/kg**	**91**	**11**	**SW846 8270C**
2,6-Dinitrotoluene	ND	750	730	ug/kg	98		SW846 8270C
	ND	750	660	ug/kg	89	10	SW846 8270C
Di-n-octyl phthalate	ND	750	800	ug/kg	108		SW846 8270C
	ND	750	760	ug/kg	102	5.2	SW846 8270C
Fluoranthene	440	750	1200	ug/kg	101		SW846 8270C
	440	750	1000	ug/kg	79	15	SW846 8270C
Fluorene	40	750	780	ug/kg	99		SW846 8270C
	40	750	710	ug/kg	90	8.8	SW846 8270C
Hexachlorobenzene	ND	750	690	ug/kg	93		SW846 8270C
	ND	750	660	ug/kg	88	4.9	SW846 8270C
Hexachlorobutadiene	ND	750	520	ug/kg	70		SW846 8270C
	ND	750	580	ug/kg	77	10	SW846 8270C
Hexachlorocyclopenta-diene	ND	750	0.0	ug/kg	0.0 a		SW846 8270C
	ND	750	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachloroethane	ND	750	390	ug/kg	52		SW846 8270C
	ND	750	420	ug/kg	57	8.6	SW846 8270C
Indeno(1,2,3-cd)pyrene	150	750	850	ug/kg	94		SW846 8270C
	150	750	780	ug/kg	84	8.5	SW846 8270C
Isophorone	ND	750	630	ug/kg	84		SW846 8270C
	ND	750	670	ug/kg	89	6.0	SW846 8270C
2-Methylnaphthalene	160	750	760	ug/kg	80		SW846 8270C
	160	750	800	ug/kg	86	5.1	SW846 8270C
2-Methylphenol	ND	750	640	ug/kg	86		SW846 8270C
	ND	750	650	ug/kg	87	0.91	SW846 8270C
4-Methylphenol	ND	1500	1300	ug/kg	85		SW846 8270C
	ND	1500	1300	ug/kg	86	0.65	SW846 8270C
Naphthalene	110	750	590	ug/kg	65		SW846 8270C
	110	750	670	ug/kg	75	12	SW846 8270C
2-Nitroaniline	ND	750	820	ug/kg	110		SW846 8270C
	ND	750	770	ug/kg	103	6.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	750	720	ug/kg	96		SW846 8270C
	ND	750	660	ug/kg	89	8.4	SW846 8270C
4-Nitroaniline	ND	750	790	ug/kg	106		SW846 8270C
	ND	750	810	ug/kg	108	2.7	SW846 8270C
Nitrobenzene	ND	750	520	ug/kg	70		SW846 8270C
	ND	750	590	ug/kg	79	12	SW846 8270C
2-Nitrophenol	ND	750	530	ug/kg	71		SW846 8270C
	ND	750	570	ug/kg	77	7.6	SW846 8270C
4-Nitrophenol	**ND**	**750**	**620**	**ug/kg**	**83**		**SW846 8270C**
	ND	**750**	**570**	**ug/kg**	**77**	**8.2**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**750**	**520**	**ug/kg**	**69**		**SW846 8270C**
	ND	**750**	**550**	**ug/kg**	**74**	**6.5**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	750	780	ug/kg	105		SW846 8270C
	ND	750	770	ug/kg	103	1.9	SW846 8270C
Pentachlorophenol	**ND**	**750**	**330**	**ug/kg**	**44**		**SW846 8270C**
	ND	**750**	**330**	**ug/kg**	**44**	**0.32**	**SW846 8270C**
Phenanthrene	300	750	1100	ug/kg	112		SW846 8270C
	300	750	970	ug/kg	90	15	SW846 8270C
Phenol	**ND**	**750**	**620**	**ug/kg**	**83**		**SW846 8270C**
	ND	**750**	**660**	**ug/kg**	**89**	**6.3**	**SW846 8270C**
Pyrene	**370**	**750**	**1300**	**ug/kg**	**124**		**SW846 8270C**
	370	**750**	**1100**	**ug/kg**	**93**	**20**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	750	590	ug/kg	79		SW846 8270C
	ND	750	590	ug/kg	80	0.65	SW846 8270C
2,4,6-Trichloro-phenol	ND	750	480	ug/kg	65		SW846 8270C
	ND	750	480	ug/kg	64	0.83	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
	74	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
	76	(34 - 110)
Terphenyl-d14	100	(41 - 119)
	98	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	73	(28 - 110)
	77	(28 - 110)
2-Fluorophenol	63	(26 - 110)
	69	(26 - 110)
2,4,6-Tribromophenol	45	(10 - 118)
	45	(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 #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD
Date Sampled...: 10/10/07 12:05 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7285037
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	68	(25 - 124)			SW846 8270C
	81	(25 - 124)	17	(0-30)	SW846 8270C
Pyridine	20	(10 - 110)			SW846 8270C
	32 p	(10 - 110)	47	(0-30)	SW846 8270C
Acenaphthene	**97**	**(10 - 200)**			**SW846 8270C**
	90	**(10 - 200)**	**7.1**	**(0-30)**	**SW846 8270C**
Acenaphthylene	87	(10 - 200)			SW846 8270C
	82	(10 - 200)	5.7	(0-30)	SW846 8270C
Acetophenone	67	(50 - 130)			SW846 8270C
	80	(50 - 130)	18	(0-30)	SW846 8270C
Anthracene	101	(10 - 200)			SW846 8270C
	91	(10 - 200)	9.3	(0-30)	SW846 8270C
Atrazine	107	(50 - 130)			SW846 8270C
	103	(50 - 130)	4.4	(0-30)	SW846 8270C
Benzo(a)anthracene	119	(10 - 200)			SW846 8270C
	82	(10 - 200)	29	(0-30)	SW846 8270C
Benzo(a)pyrene	100	(10 - 200)			SW846 8270C
	86	(10 - 200)	12	(0-30)	SW846 8270C
Benzo(b)fluoranthene	96	(10 - 200)			SW846 8270C
	82	(10 - 200)	11	(0-30)	SW846 8270C
Benzo(ghi)perylene	95	(10 - 200)			SW846 8270C
	84	(10 - 200)	10	(0-30)	SW846 8270C
Benzo(k)fluoranthene	104	(10 - 200)			SW846 8270C
	89	(10 - 200)	13	(0-30)	SW846 8270C
Benzaldehyde	57	(10 - 130)			SW846 8270C
	83 p	(10 - 130)	37	(0-30)	SW846 8270C
1,1'-Biphenyl	92	(50 - 130)			SW846 8270C
	89	(50 - 130)	3.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	76	(36 - 110)			SW846 8270C
	82	(36 - 110)	7.4	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	71	(32 - 118)			SW846 8270C
	103 p	(32 - 118)	36	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	107	(10 - 200)			SW846 8270C
	99	(10 - 200)	6.6	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	100	(44 - 120)			SW846 8270C
	94	(44 - 120)	6.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	112	(43 - 138)			SW846 8270C
	104	(43 - 138)	7.8	(0-30)	SW846 8270C
Caprolactam	95	(50 - 130)			SW846 8270C
	98	(50 - 130)	3.4	(0-30)	SW846 8270C
Carbazole	92	(10 - 162)			SW846 8270C
	93	(10 - 162)	0.64	(0-30)	SW846 8270C
4-Chloroaniline	62	(11 - 110)			SW846 8270C
	67	(11 - 110)	7.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**97**	**(32 - 117)**			**SW846 8270C**
	92	**(32 - 117)**	**5.2**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	91	(40 - 110)			SW846 8270C
	86	(40 - 110)	5.9	(0-30)	SW846 8270C
2-Chlorophenol	**74**	**(32 - 110)**			**SW846 8270C**
	81	**(32 - 110)**	**9.2**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	104	(47 - 116)			SW846 8270C
	96	(47 - 116)	8.8	(0-30)	SW846 8270C
Chrysene	104	(10 - 200)			SW846 8270C
	84	(10 - 200)	16	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	93	(10 - 200)			SW846 8270C
	89	(10 - 200)	4.3	(0-30)	SW846 8270C
Dibenzofuran	96	(10 - 200)			SW846 8270C
	90	(10 - 200)	6.6	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	54	(10 - 110)			SW846 8270C
	54	(10 - 110)	0.36	(0-30)	SW846 8270C
2,4-Dichlorophenol	89	(33 - 110)			SW846 8270C
	87	(33 - 110)	2.0	(0-30)	SW846 8270C
Diethyl phthalate	100	(48 - 118)			SW846 8270C
	94	(48 - 118)	6.9	(0-30)	SW846 8270C
2,4-Dimethylphenol	86	(19 - 114)			SW846 8270C
	85	(19 - 114)	1.1	(0-30)	SW846 8270C
Dimethyl phthalate	99	(47 - 116)			SW846 8270C
	90	(47 - 116)	9.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	106	(31 - 145)			SW846 8270C
	98	(31 - 145)	8.2	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	35	(10 - 110)			SW846 8270C
	19 p	(10 - 110)	56	(0-30)	SW846 8270C
2,4-Dinitrophenol	35	(10 - 110)			SW846 8270C
	21 p	(10 - 110)	51	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**102**	**(42 - 118)**			**SW846 8270C**
	91	**(42 - 118)**	**11**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	98	(28 - 137)			SW846 8270C
	89	(28 - 137)	10	(0-30)	SW846 8270C
Di-n-octyl phthalate	108	(10 - 182)			SW846 8270C
	102	(10 - 182)	5.2	(0-30)	SW846 8270C
Fluoranthene	101	(10 - 200)			SW846 8270C
	79	(10 - 200)	15	(0-30)	SW846 8270C
Fluorene	99	(10 - 187)			SW846 8270C
	90	(10 - 187)	8.8	(0-30)	SW846 8270C
Hexachlorobenzene	93	(37 - 122)			SW846 8270C
	88	(37 - 122)	4.9	(0-30)	SW846 8270C
Hexachlorobutadiene	70	(30 - 110)			SW846 8270C
	77	(30 - 110)	10	(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	52	(13 - 110)			SW846 8270C
	57	(13 - 110)	8.6	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	94	(10 - 200)			SW846 8270C
	84	(10 - 200)	8.5	(0-30)	SW846 8270C
Isophorone	84	(32 - 129)			SW846 8270C
	89	(32 - 129)	6.0	(0-30)	SW846 8270C
2-Methylnaphthalene	80	(10 - 200)			SW846 8270C
	86	(10 - 200)	5.1	(0-30)	SW846 8270C
2-Methylphenol	86	(19 - 124)			SW846 8270C
	87	(19 - 124)	0.91	(0-30)	SW846 8270C
4-Methylphenol	85	(27 - 116)			SW846 8270C
	86	(27 - 116)	0.65	(0-30)	SW846 8270C
Naphthalene	65	(10 - 200)			SW846 8270C
	75	(10 - 200)	12	(0-30)	SW846 8270C
2-Nitroaniline	110	(31 - 141)			SW846 8270C
	103	(31 - 141)	6.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	96	(24 - 110)			SW846 8270C
	89	(24 - 110)	8.4	(0-30)	SW846 8270C
4-Nitroaniline	106	(23 - 124)			SW846 8270C
	108	(23 - 124)	2.7	(0-30)	SW846 8270C
Nitrobenzene	70	(33 - 111)			SW846 8270C
	79	(33 - 111)	12	(0-30)	SW846 8270C
2-Nitrophenol	71	(17 - 110)			SW846 8270C
	77	(17 - 110)	7.6	(0-30)	SW846 8270C
4-Nitrophenol	**83**	**(10 - 125)**			**SW846 8270C**
	77	**(10 - 125)**	**8.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**69**	**(30 - 121)**			**SW846 8270C**
	74	**(30 - 121)**	**6.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	105	(10 - 169)			SW846 8270C
	103	(10 - 169)	1.9	(0-30)	SW846 8270C
Pentachlorophenol	**44**	**(10 - 182)**			**SW846 8270C**
	44	**(10 - 182)**	**0.32**	**(0-30)**	**SW846 8270C**
Phenanthrene	112	(10 - 200)			SW846 8270C
	90	(10 - 200)	15	(0-30)	SW846 8270C
Phenol	**83**	**(10 - 144)**			**SW846 8270C**
	89	**(10 - 144)**	**6.3**	**(0-30)**	**SW846 8270C**
Pyrene	**124**	**(10 - 200)**			**SW846 8270C**
	93	**(10 - 200)**	**20**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	79	(32 - 112)			SW846 8270C
	80	(32 - 112)	0.65	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	65	(22 - 110)			SW846 8270C
	64	(22 - 110)	0.83	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	63	(24 - 112)
	74	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
	76	(34 - 110)
Terphenyl-d14	100	(41 - 119)
	98	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PQE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-009 J8PQE1CC-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	73	(28 - 110)
	77	(28 - 110)
2-Fluorophenol	63	(26 - 110)
	69	(26 - 110)
2,4,6-Tribromophenol	45	(10 - 118)
	45	(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 #...: A7J110203 **Work Order #...:** J8RM61AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J120000-035

Prep Date.....: 10/12/07
Analysis Date..: 10/16/07 **Prep Batch #...:** 7285035
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	62	(10 - 196)
Decachlorobiphenyl	53	(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 #...: A7J110203 **Work Order #...:** J8RM61AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-035
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**260**	**ug/kg**	**79**	**SW846 8082**
Aroclor 1260	**330**	**230**	**ug/kg**	**68**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(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 #...: A7J110203 **Work Order #...:** J8RM61AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J120000-035
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**79**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**68**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(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

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J110203 **Work Order #...:** J8PNM1DU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-001 J8PNM1DV-MSD
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**390**	**420**	**ug/kg**	**106**		**SW846 8082**
	ND	**390**	**240**	**ug/kg**	**60 p**	**55**	**SW846 8082**
Aroclor 1260	**ND**	**390**	**370**	**ug/kg**	**94**		**SW846 8082**
	ND	**390**	**200**	**ug/kg**	**51 p**	**60**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 196)
	31	(10 - 196)
Decachlorobiphenyl	81	(10 - 199)
	47	(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 #...: A7J110203 **Work Order #...:** J8PNM1DU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J110203-001 J8PNM1DV-MSD
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07
Prep Date.....: 10/12/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7285035
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**106**	**(10 - 199)**			**SW846 8082**
	60 p	**(10 - 199)**	**55**	**(0-30)**	**SW846 8082**
Aroclor 1260	**94**	**(10 - 199)**			**SW846 8082**
	51 p	**(10 - 199)**	**60**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	101	(10 - 196)
	31	(10 - 196)
Decachlorobiphenyl	81	(10 - 199)
	47	(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 #...: A7J110203 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J120000-012 **Prep Batch #...:** 7285012						
Calcium	ND	5000	ug/L	SW846 6010B	10/12/07	J8RL31CX
		Dilution Factor: 1				
Magnesium	ND	1000	ug/L	SW846 6010B	10/12/07	J8RL31C0
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J120000-026 **Prep Batch #...:** 7285026						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/12/07	J8RMT1AC
		Dilution Factor: 1				
Antimony	**0.061 B**	**0.16**	**mg/kg**	**SW846 6020**	**10/12-10/15/07**	**J8RMT1AV**
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/12-10/15/07	J8RMT1AW
		Dilution Factor: 1				
Barium	**0.096 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8RMT1AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/12/07	J8RMT1AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/12/07	J8RMT1AF
		Dilution Factor: 1				
Calcium	ND	400	mg/kg	SW846 6010B	10/12/07	J8RMT1AG
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/12/07	J8RMT1AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/12/07	J8RMT1AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/12/07	J8RMT1AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/12/07	J8RMT1AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/12/07	J8RMT1AU
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	10/12/07	J8RMT1AL
		Dilution Factor: 1				
Manganese	**0.076 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/12/07**	**J8RMT1AM**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/12/07	J8RMT1AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/12/07	J8RMT1AN
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	10/12/07	J8RMT1AP
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/12-10/15/07	J8RMT1AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	10/12-10/15/07	J8RMT1A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/12/07	J8RMT1AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/12-10/15/07	J8RMT1A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/12/07	J8RMT1AR
		Dilution Factor: 1				
Zinc	ND	0.80	mg/kg	SW846 6020	10/12-10/15/07	J8RMT1A2
		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 #...: A7J110203 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J120000-012 **Prep Batch #...:** 7285012							
Calcium	50000	46300	ug/L	93	SW846 6010B	10/12/07	J8RL31DK
			Dilution Factor: 1				
Magnesium	50000	46900	ug/L	94	SW846 6010B	10/12/07	J8RL31DL
			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 #...: A7J110203 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J120000-012 **Prep Batch #...:** 7285012					
Calcium	93	(80 - 120)	SW846 6010B	10/12/07	J8RL31DK
		Dilution Factor: 1			
Magnesium	94	(80 - 120)	SW846 6010B	10/12/07	J8RL31DL
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J120000-026 **Prep Batch #...:** 7285026							
Mercury	0.83	0.83	mg/kg	99	SW846 7471A	10/12/07	J8RMT1A3
			Dilution Factor: 1				
Aluminum	200	189	mg/kg	95	SW846 6010B	10/12/07	J8RMT1A4
			Dilution Factor: 1				
Barium	200	195	mg/kg	97	SW846 6010B	10/12/07	J8RMT1A5
			Dilution Factor: 1				
Beryllium	5.0	4.9	mg/kg	98	SW846 6010B	10/12/07	J8RMT1A6
			Dilution Factor: 1				
Cadmium	5.0	4.9	mg/kg	97	SW846 6010B	10/12/07	J8RMT1A7
			Dilution Factor: 1				
Calcium	5000	4620	mg/kg	92	SW846 6010B	10/12/07	J8RMT1A8
			Dilution Factor: 1				
Cobalt	50.0	49.3	mg/kg	99	SW846 6010B	10/12/07	J8RMT1A9
			Dilution Factor: 1				
Copper	25.0	24.8	mg/kg	99	SW846 6010B	10/12/07	J8RMT1CA
			Dilution Factor: 1				
Iron	100	101	mg/kg	101	SW846 6010B	10/12/07	J8RMT1CC
			Dilution Factor: 1				
Magnesium	5000	4640	mg/kg	93	SW846 6010B	10/12/07	J8RMT1CD
			Dilution Factor: 1				
Manganese	50.0	49.6	mg/kg	99	SW846 6010B	10/12/07	J8RMT1CE
			Dilution Factor: 1				
Nickel	50.0	48.9	mg/kg	98	SW846 6010B	10/12/07	J8RMT1CF
			Dilution Factor: 1				
Potassium	5000	4710	mg/kg	94	SW846 6010B	10/12/07	J8RMT1CG
			Dilution Factor: 1				
Sodium	5000	4500	mg/kg	90	SW846 6010B	10/12/07	J8RMT1CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	49.0	mg/kg	98	SW846 6010B	10/12/07	J8RMT1CJ
			Dilution Factor: 1				
Chromium	20.0	19.9	mg/kg	100	SW846 6010B	10/12/07	J8RMT1CK
			Dilution Factor: 1				
Lead	50.0	47.4	mg/kg	95	SW846 6010B	10/12/07	J8RMT1CL
			Dilution Factor: 1				
Antimony	50.0	48.6	mg/kg	97	SW846 6020	10/12-10/15/07	J8RMT1CM
			Dilution Factor: 10				
Arsenic	10.0	8.8	mg/kg	88	SW846 6020	10/12-10/15/07	J8RMT1CN
			Dilution Factor: 1				
Selenium	10.0	8.8	mg/kg	88	SW846 6020	10/12-10/15/07	J8RMT1CP
			Dilution Factor: 1				
Silver	5.0	4.9	mg/kg	98	SW846 6020	10/12-10/15/07	J8RMT1CQ
			Dilution Factor: 10				
Thallium	10.0	8.6	mg/kg	86	SW846 6020	10/12-10/15/07	J8RMT1CR
			Dilution Factor: 1				
Zinc	10.0	9.1	mg/kg	91	SW846 6020	10/12-10/15/07	J8RMT1CT
			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 #...: A7J110203 **Matrix.....:** SOLID

LCS Lot-Sample#: A7J120000-026 **Prep Batch #...:** 7285026

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	99	(81 - 116)	SW846 7471A Dilution Factor: 1	10/12/07	J8RMT1A3
Aluminum	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1A4
Barium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1A5
Beryllium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1A6
Cadmium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1A7
Calcium	92	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1A8
Cobalt	99	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1A9
Copper	99	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CA
Iron	101	(73 - 137)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CC
Magnesium	93	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CD
Manganese	99	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CE
Nickel	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CF
Potassium	94	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CG
Sodium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	10/12/07	J8RMT1CH

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	98	(80 - 120)	SW846 6010B	10/12/07	J8RMT1CJ
		Dilution Factor: 1			
Chromium	100	(80 - 120)	SW846 6010B	10/12/07	J8RMT1CK
		Dilution Factor: 1			
Lead	95	(80 - 120)	SW846 6010B	10/12/07	J8RMT1CL
		Dilution Factor: 1			
Antimony	97	(80 - 120)	SW846 6020	10/12-10/15/07	J8RMT1CM
		Dilution Factor: 10			
Arsenic	88	(73 - 110)	SW846 6020	10/12-10/15/07	J8RMT1CN
		Dilution Factor: 1			
Selenium	88	(73 - 110)	SW846 6020	10/12-10/15/07	J8RMT1CP
		Dilution Factor: 1			
Silver	98	(80 - 120)	SW846 6020	10/12-10/15/07	J8RMT1CQ
		Dilution Factor: 10			
Thallium	86	(71 - 110)	SW846 6020	10/12-10/15/07	J8RMT1CR
		Dilution Factor: 1			
Zinc	91	(72 - 113)	SW846 6020	10/12-10/15/07	J8RMT1CT
		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 #...: A7J110203 **Matrix.....:** WATER
Date Sampled...: 10/10/07 **Date Received..:** 10/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J110282-001 **Prep Batch #...:** 7285012									
Calcium									
	32600	50000	81500	ug/L	98		SW846 6010B	10/12/07	J8QFA1AN
	32600	50000	80000	ug/L	95	1.8	SW846 6010B	10/12/07	J8QFA1AP
			Dilution Factor: 1						
Magnesium									
	22500	50000	72400	ug/L	100		SW846 6010B	10/12/07	J8QFA1AR
	22500	50000	71000	ug/L	97	1.9	SW846 6010B	10/12/07	J8QFA1AT
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** WATER
Date Sampled...: 10/10/07 **Date Received..:** 10/11/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J110282-001 **Prep Batch #...:** 7285012							
Calcium	98	(75 - 125)			SW846 6010B	10/12/07	J8QFA1AN
	95	(75 - 125)	1.8	(0-20)	SW846 6010B	10/12/07	J8QFA1AP
		Dilution Factor: 1					
Magnesium	100	(75 - 125)			SW846 6010B	10/12/07	J8QFA1AR
	97	(75 - 125)	1.9	(0-20)	SW846 6010B	10/12/07	J8QFA1AT
		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 #...: A7J110203 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J110203-001 **Prep Batch #...:** 7285026									
Aluminum									
	3650	236	5080	mg/kg			SW846 6010B	10/12/07	J8PNM1CD
			Qualifiers: NC,MSB						
	3650	236	5040	mg/kg			SW846 6010B	10/12/07	J8PNM1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.067	59.1	38.6 N	mg/kg	65		SW846 6020	10/12-10/15/07	J8PNM1DF
	0.067	59.1	37.1 N	mg/kg	63	3.8	SW846 6020	10/12-10/15/07	J8PNM1DG
			Dilution Factor: 10						
Arsenic									
	3.3	11.8	13.1	mg/kg	82		SW846 6020	10/12-10/15/07	J8PNM1DH
	3.3	11.8	12.9	mg/kg	81	1.3	SW846 6020	10/12-10/15/07	J8PNM1DJ
			Dilution Factor: 1						
Barium									
	17.2	236	241	mg/kg	95		SW846 6010B	10/12/07	J8PNM1CF
	17.2	236	241	mg/kg	95	0.15	SW846 6010B	10/12/07	J8PNM1CG
			Dilution Factor: 1						
Beryllium									
	ND	5.9	5.4	mg/kg	91		SW846 6010B	10/12/07	J8PNM1CH
	ND	5.9	5.4	mg/kg	91	0.13	SW846 6010B	10/12/07	J8PNM1CJ
			Dilution Factor: 1						
Cadmium									
	0.15	5.9	5.3	mg/kg	88		SW846 6010B	10/12/07	J8PNM1CK
	0.15	5.9	5.3	mg/kg	88	0.25	SW846 6010B	10/12/07	J8PNM1CL
			Dilution Factor: 1						
Calcium									
	94900	5910	102000	mg/kg			SW846 6010B	10/12-10/17/07	J8PNM1CM
			Qualifiers: NC,MSB						
	94900	5910	101000	mg/kg			SW846 6010B	10/12-10/17/07	J8PNM1CN
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	8.1	23.6	30.6	mg/kg	95		SW846 6010B	10/12/07	J8PNM1DA
	8.1	23.6	30.3	mg/kg	94	1.0	SW846 6010B	10/12/07	J8PNM1DC
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	4.6	59.1	59.2	mg/kg	92		SW846 6010B	10/12/07	J8PNM1CP
	4.6	59.1	59.3	mg/kg	92	0.03	SW846 6010B	10/12/07	J8PNM1CQ
			Dilution Factor: 1						
Copper									
	17.1	29.6	45.8	mg/kg	97		SW846 6010B	10/12/07	J8PNM1CR
	17.1	29.6	45.1	mg/kg	95	1.6	SW846 6010B	10/12/07	J8PNM1CT
			Dilution Factor: 1						
Iron									
	10200	118	11300	mg/kg			SW846 6010B	10/12/07	J8PNM1CU
			Qualifiers: NC,MSB						
	10200	118	11000	mg/kg			SW846 6010B	10/12/07	J8PNM1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	5.6	59.1	57.6	mg/kg	88		SW846 6010B	10/12/07	J8PNM1DD
	5.6	59.1	57.4	mg/kg	88	0.46	SW846 6010B	10/12/07	J8PNM1DE
			Dilution Factor: 1						
Magnesium									
	15700	5910	20800	mg/kg	86		SW846 6010B	10/12/07	J8PNM1CW
	15700	5910	20800	mg/kg	85	0.28	SW846 6010B	10/12/07	J8PNM1CX
			Dilution Factor: 1						
Manganese									
	370	59.1	451	mg/kg			SW846 6010B	10/12/07	J8PNM1C0
			Qualifiers: NC,MSB						
	370	59.1	446	mg/kg			SW846 6010B	10/12/07	J8PNM1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	ND	0.20	0.22	mg/kg	113		SW846 7471A	10/12/07	J8PNM1CA
	ND	0.20	0.22	mg/kg	114	0.26	SW846 7471A	10/12/07	J8PNM1CC
			Dilution Factor: 1						
Nickel									
	10.2	59.1	63.5	mg/kg	90		SW846 6010B	10/12/07	J8PNM1C2
	10.2	59.1	63.5	mg/kg	90	0.04	SW846 6010B	10/12/07	J8PNM1C3
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	618	5910	6640	mg/kg	102		SW846 6010B	10/12/07	J8PNM1C4
	618	5910	6670	mg/kg	102	0.39	SW846 6010B	10/12/07	J8PNM1C5
			Dilution Factor: 1						
Selenium									
	0.15	11.8	10.2	mg/kg	85		SW846 6020	10/12-10/15/07	J8PNM1DK
	0.15	11.8	9.8	mg/kg	82	3.3	SW846 6020	10/12-10/15/07	J8PNM1DL
			Dilution Factor: 1						
Silver									
	0.048	5.9	5.8	mg/kg	97		SW846 6020	10/12-10/15/07	J8PNM1DM
	0.048	5.9	5.6	mg/kg	94	2.8	SW846 6020	10/12-10/15/07	J8PNM1DN
			Dilution Factor: 10						
Sodium									
	368	5910	5560	mg/kg	88		SW846 6010B	10/12/07	J8PNM1C6
	368	5910	5530	mg/kg	87	0.39	SW846 6010B	10/12/07	J8PNM1C7
			Dilution Factor: 1						
Thallium									
	0.13	11.8	9.9	mg/kg	83		SW846 6020	10/12-10/15/07	J8PNM1DP
	0.13	11.8	10.3	mg/kg	86	4.2	SW846 6020	10/12-10/15/07	J8PNM1DQ
			Dilution Factor: 1						
Vanadium									
	11.4	59.1	68.7	mg/kg	97		SW846 6010B	10/12/07	J8PNM1C8
	11.4	59.1	68.6	mg/kg	97	0.23	SW846 6010B	10/12/07	J8PNM1C9
			Dilution Factor: 1						
Zinc									
	25.0	11.8	33.3	mg/kg	71		SW846 6020	10/12-10/15/07	J8PNM1DR
	25.0	11.8	31.8	mg/kg	58	4.8	SW846 6020	10/12-10/15/07	J8PNM1DT
			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 #...: A7J110203 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J110203-001 **Prep Batch #...:** 7285026							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/12/07	J8PNM1CE
		Dilution Factor: 1					
Antimony	65 N	(75 - 125)			SW846 6020	10/12-10/15/07	J8PNM1DF
	63 N	(75 - 125)	3.8	(0-20)	SW846 6020	10/12-10/15/07	J8PNM1DG
		Dilution Factor: 10					
Arsenic	82	(23 - 131)			SW846 6020	10/12-10/15/07	J8PNM1DH
	81	(23 - 131)	1.3	(0-20)	SW846 6020	10/12-10/15/07	J8PNM1DJ
		Dilution Factor: 1					
Barium	95	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CF
	95	(75 - 125)	0.15	(0-20)	SW846 6010B	10/12/07	J8PNM1CG
		Dilution Factor: 1					
Beryllium	91	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CH
	91	(75 - 125)	0.13	(0-20)	SW846 6010B	10/12/07	J8PNM1CJ
		Dilution Factor: 1					
Cadmium	88	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CK
	88	(75 - 125)	0.25	(0-20)	SW846 6010B	10/12/07	J8PNM1CL
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/12-10/17/07	J8PNM1CM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/12-10/17/07	J8PNM1CN
		Dilution Factor: 5					
Chromium	95	(75 - 125)			SW846 6010B	10/12/07	J8PNM1DA
	94	(75 - 125)	1.0	(0-20)	SW846 6010B	10/12/07	J8PNM1DC
		Dilution Factor: 1					
Cobalt	92	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CP
	92	(75 - 125)	0.03	(0-20)	SW846 6010B	10/12/07	J8PNM1CQ
		Dilution Factor: 1					
Copper	97	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CR
	95	(75 - 125)	1.6	(0-20)	SW846 6010B	10/12/07	J8PNM1CT
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/12/07	J8PNM1CV
		Dilution Factor: 1					
Lead	88	(75 - 125)			SW846 6010B	10/12/07	J8PNM1DD
	88	(75 - 125)	0.46	(0-20)	SW846 6010B	10/12/07	J8PNM1DE
		Dilution Factor: 1					
Magnesium	86	(75 - 125)			SW846 6010B	10/12/07	J8PNM1CW
	85	(75 - 125)	0.28	(0-20)	SW846 6010B	10/12/07	J8PNM1CX
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/12/07	J8PNM1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/12/07	J8PNM1C1
		Dilution Factor: 1					
Mercury	113	(11 - 192)			SW846 7471A	10/12/07	J8PNM1CA
	114	(11 - 192)	0.26	(0-20)	SW846 7471A	10/12/07	J8PNM1CC
		Dilution Factor: 1					
Nickel	90	(75 - 125)			SW846 6010B	10/12/07	J8PNM1C2
	90	(75 - 125)	0.04	(0-20)	SW846 6010B	10/12/07	J8PNM1C3
		Dilution Factor: 1					
Potassium	102	(75 - 125)			SW846 6010B	10/12/07	J8PNM1C4
	102	(75 - 125)	0.39	(0-20)	SW846 6010B	10/12/07	J8PNM1C5
		Dilution Factor: 1					
Selenium	85	(39 - 116)			SW846 6020	10/12-10/15/07	J8PNM1DK
	82	(39 - 116)	3.3	(0-20)	SW846 6020	10/12-10/15/07	J8PNM1DL
		Dilution Factor: 1					
Silver	97	(75 - 125)			SW846 6020	10/12-10/15/07	J8PNM1DM
	94	(75 - 125)	2.8	(0-20)	SW846 6020	10/12-10/15/07	J8PNM1DN
		Dilution Factor: 10					
Sodium	88	(75 - 125)			SW846 6010B	10/12/07	J8PNM1C6
	87	(75 - 125)	0.39	(0-20)	SW846 6010B	10/12/07	J8PNM1C7
		Dilution Factor: 1					
Thallium	83	(62 - 110)			SW846 6020	10/12-10/15/07	J8PNM1DP
	86	(62 - 110)	4.2	(0-20)	SW846 6020	10/12-10/15/07	J8PNM1DQ
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J110203 **Matrix.....:** SO
Date Sampled...: 10/10/07 09:40 **Date Received..:** 10/11/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	97	(75 - 125)			SW846 6010B	10/12/07	J8PNM1C8
	97	(75 - 125)	0.23	(0-20)	SW846 6010B	10/12/07	J8PNM1C9
		Dilution Factor: 1					
Zinc	71	(10 - 199)			SW846 6020	10/12-10/15/07	J8PNM1DR
	58	(10 - 199)	4.8	(0-20)	SW846 6020	10/12-10/15/07	J8PNM1DT
		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 #...: A7J110203 **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 #: J878T1AA		MB Lot-Sample #:	A7J160000-491	
	ND	0.80	mg/kg	SW846 7196A	10/16-10/17/07	7289491
		Dilution Factor: 1				
Percent Solids		Work Order #: J86D71AA		MB Lot-Sample #:	A7J170000-388	
	ND	10.0	%	MCAWW 160.3 MOD	10/17-10/18/07	7290388
		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 #...: A7J110203 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)	Work Order #: J8R4M1AA			LCS Lot-Sample#: A7J120000-194			
	5.3	5.3	No Units	101	MCAWW 150.1	10/11/07	7285194
	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 #...: A7J110203 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)		Work Order #: J8R4M1AA	LCS Lot-Sample#: A7J120000-194		
	101	(97 - 103)	MCAWW 150.1	10/11/07	7285194
		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 #...: A7J110203 **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 #: J878T1AC		LCS Lot-Sample#: A7J160000-491			
	644	750	mg/kg	116	SW846 7196A	10/16-10/17/07	7289491
		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 #...: A7J110203 **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 #: J878T1AC	LCS Lot-Sample#: A7J160000-491		
	116	(10 - 200)	SW846 7196A	10/16-10/17/07	7289491
		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 #...: A7J110203 **Matrix.....:** SOLID
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 #
							% Moisture.....: 11		
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.

Results and reporting limits have been adjusted for dry weight.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J110203 **Matrix.....:** SOLID
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 #
						% Moisture.....: 11	
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.

Results and reporting limits have been adjusted for dry weight.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J110203 **Work Order #...:** J8P1H-SMP **Matrix.....:** WATER
J8P1H-DUP
Date Sampled...: 10/11/07 03:50 **Date Received..:** 10/11/07

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
pH (liquid)						SD Lot-Sample #: A7J110230-005		
	7.7	7.7	No Units	0.13	(0-20)	MCAWW 150.1	10/11/07	7285194

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J110203 **Work Order #...:** J8PN3-SMP **Matrix.....:** SO
J8PN3-DUP
Date Sampled...: 10/10/07 11:15 **Date Received..:** 10/11/07
% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J110203-003		
	80.5	75.6	%	6.3	(0-20)	MCAWW 160.3 MOD	10/17-10/18/07	7290388

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J110203 **Work Order #...:** J8PX8-SMP **Matrix.....:** SOLID
J8PX8-DUP
Date Sampled...: 10/10/07 16:00 **Date Received..:** 10/11/07
% Moisture.....: 9.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J110229-009		
	90.6	90.8	%	0.21	(0-20)	MCAWW 160.3 MOD	10/17-10/18/07	7290388

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J120137

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 19, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J120137

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101107-CB-025 10/11/07 10:40 001				
Trivalent Chromium	8.3	0.45	mg/kg	SW846 7196A
Silver	0.061 B	0.091	mg/kg	SW846 6020
Arsenic	4.1	0.091	mg/kg	SW846 6020
Antimony	0.10 B	0.18	mg/kg	SW846 6020
Selenium	0.20	0.19	mg/kg	SW846 6020
Thallium	0.11	0.091	mg/kg	SW846 6020
Zinc	28.2 J	0.91	mg/kg	SW846 6020
Mercury	0.015 B	0.045	mg/kg	SW846 7471A
Aluminum	4230	18.1	mg/kg	SW846 6010B
Barium	23.6 J	0.91	mg/kg	SW846 6010B
Calcium	52600 J	453	mg/kg	SW846 6010B
Cobalt	4.1	0.45	mg/kg	SW846 6010B
Chromium	9.5	0.45	mg/kg	SW846 6010B
Copper	10.8	0.91	mg/kg	SW846 6010B
Iron	10600	9.1	mg/kg	SW846 6010B
Potassium	789	453	mg/kg	SW846 6010B
Magnesium	14900 J	90.7	mg/kg	SW846 6010B
Manganese	241 J	0.91	mg/kg	SW846 6010B
Sodium	443	90.7	mg/kg	SW846 6010B
Nickel	10.8	0.91	mg/kg	SW846 6010B
Lead	5.5	0.27	mg/kg	SW846 6010B
Vanadium	12.9	0.91	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	63	57	ug/kg	SW846 8270C
Hexavalent Chromium	1.2	0.91	mg/kg	SW846 7196A
Percent Solids	88.3	10.0	%	MCAWW 160.3 MOD
SO-17322-101107-CB-028 10/11/07 13:15 002				
Trivalent Chromium	8.0	0.44	mg/kg	SW846 7196A
Silver	0.059 B	0.088	mg/kg	SW846 6020
Arsenic	3.3	0.088	mg/kg	SW846 6020
Antimony	0.086 B	0.18	mg/kg	SW846 6020
Selenium	0.34	0.19	mg/kg	SW846 6020
Thallium	0.14	0.088	mg/kg	SW846 6020
Zinc	8.6 J	0.88	mg/kg	SW846 6020
Mercury	0.014 B	0.044	mg/kg	SW846 7471A
Aluminum	3730	17.6	mg/kg	SW846 6010B
Barium	23.5 J	0.88	mg/kg	SW846 6010B
Calcium	83600 J	2200	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J120137

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101107-CB-028 10/11/07 13:15 002				
Cobalt	4.3	0.44	mg/kg	SW846 6010B
Chromium	8.0	0.44	mg/kg	SW846 6010B
Copper	9.4	0.88	mg/kg	SW846 6010B
Iron	8960	8.8	mg/kg	SW846 6010B
Potassium	919	440	mg/kg	SW846 6010B
Magnesium	23200 J	88.0	mg/kg	SW846 6010B
Manganese	235 J	0.88	mg/kg	SW846 6010B
Sodium	115	88.0	mg/kg	SW846 6010B
Nickel	11.3	0.88	mg/kg	SW846 6010B
Lead	5.3	0.26	mg/kg	SW846 6010B
Vanadium	12.4	0.88	mg/kg	SW846 6010B
Methylene chloride	1.2 J	3.5	ug/kg	SW846 8260B
Cyanide, Total	0.68	0.22	mg/kg	SW846 9012A
Percent Solids	90.9	10.0	%	MCAWW 160.3 MOD
SO-17322-101107-CB-030 10/11/07 16:15 003				
Trivalent Chromium	6.5	0.46	mg/kg	SW846 7196A
Silver	0.042 B	0.091	mg/kg	SW846 6020
Arsenic	3.3	0.091	mg/kg	SW846 6020
Antimony	0.091 B	0.18	mg/kg	SW846 6020
Selenium	0.22	0.19	mg/kg	SW846 6020
Thallium	0.15	0.091	mg/kg	SW846 6020
Zinc	25.8 J	0.91	mg/kg	SW846 6020
Aluminum	2290	18.3	mg/kg	SW846 6010B
Barium	10.8 J	0.91	mg/kg	SW846 6010B
Calcium	78200 J	2280	mg/kg	SW846 6010B
Cobalt	3.5	0.46	mg/kg	SW846 6010B
Chromium	7.5	0.46	mg/kg	SW846 6010B
Copper	11.2	0.91	mg/kg	SW846 6010B
Iron	7320	9.1	mg/kg	SW846 6010B
Potassium	580	456	mg/kg	SW846 6010B
Magnesium	10200 J	91.3	mg/kg	SW846 6010B
Manganese	242 J	0.91	mg/kg	SW846 6010B
Sodium	378	91.3	mg/kg	SW846 6010B
Nickel	8.3	0.91	mg/kg	SW846 6010B
Lead	5.8	0.27	mg/kg	SW846 6010B
Vanadium	7.1	0.91	mg/kg	SW846 6010B
1,2-Dichlorobenzene	0.31 J,B	3.9	ug/kg	SW846 8260B
Methylene chloride	3.0 J	3.9	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	0.69 J,B	3.9	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J120137

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101107-CB-030 10/11/07 16:15 003				
Hexavalent Chromium	1.1	0.91	mg/kg	SW846 7196A
Percent Solids	87.7	10.0	%	MCAWW 160.3 MOD
SO-17322-101107-CB-031 10/11/07 16:20 004				
Trivalent Chromium	9.4	0.46	mg/kg	SW846 7196A
Silver	0.050 B	0.091	mg/kg	SW846 6020
Arsenic	3.9	0.091	mg/kg	SW846 6020
Antimony	0.091 B	0.18	mg/kg	SW846 6020
Selenium	0.13 B	0.19	mg/kg	SW846 6020
Thallium	0.15	0.091	mg/kg	SW846 6020
Zinc	27.5 J	0.91	mg/kg	SW846 6020
Mercury	0.015 B	0.046	mg/kg	SW846 7471A
Aluminum	2500	18.3	mg/kg	SW846 6010B
Barium	14.5 J	0.91	mg/kg	SW846 6010B
Calcium	77000 J	2290	mg/kg	SW846 6010B
Cobalt	3.7	0.46	mg/kg	SW846 6010B
Chromium	10.0	0.46	mg/kg	SW846 6010B
Copper	13.2	0.91	mg/kg	SW846 6010B
Iron	8210	9.1	mg/kg	SW846 6010B
Potassium	600	457	mg/kg	SW846 6010B
Magnesium	7100 J	91.4	mg/kg	SW846 6010B
Manganese	228 J	0.91	mg/kg	SW846 6010B
Sodium	357	91.4	mg/kg	SW846 6010B
Nickel	8.9	0.91	mg/kg	SW846 6010B
Lead	7.5	0.27	mg/kg	SW846 6010B
Vanadium	8.9	0.91	mg/kg	SW846 6010B
2-Methylnaphthalene	8.6	7.6	ug/kg	SW846 8270C
Phenanthrene	8.6	7.6	ug/kg	SW846 8270C
Methylene chloride	0.66 J	4.7	ug/kg	SW846 8260B
Hexavalent Chromium	0.61 B	0.91	mg/kg	SW846 7196A
Percent Solids	87.5	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7J120137

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

A7J120137

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J8R2M	001	SO-17322-101107-CB-025	10/11/07	10:40
J8R2Q	002	SO-17322-101107-CB-028	10/11/07	13:15
J8R2W	003	SO-17322-101107-CB-030	10/11/07	16:15
J8R2X	004	SO-17322-101107-CB-031	10/11/07	16:20
J8R22	006	TB-17322-101107-CB-002	10/11/07	

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-17322-101107-CB-025

GC/MS Volatiles

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M1AC **Matrix.....:** SO
Date Sampled...: 10/11/07 10:40 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.67
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	15	ug/kg	4.8
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	ND	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	0.42
1,2-Dibromo-3-chloro-propane	ND	7.6	ug/kg	0.99
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	7.6	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	0.27
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	0.48
Isopropylbenzene	ND	3.8	ug/kg	0.12
Methyl acetate	ND	7.6	ug/kg	1.1
Methylcyclohexane	ND	7.6	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-17322-101107-CB-025

GC/MS Volatiles

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M1AC **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	0.43
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	0.99
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	0.30
Xylenes (total)	ND	7.6	ug/kg	0.51
Methyl tert-butyl ether	ND	15	ug/kg	0.33

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	83	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101107-CB-028

GC/MS Volatiles

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q1CC **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.64
% Moisture.....: 9.1 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	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	**1.2 J**	**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-17322-101107-CB-028

GC/MS Volatiles

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q1CC **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	105	(59 - 138)
1,2-Dichloroethane-d4	100	(61 - 130)
Toluene-d8	66	(60 - 143)
4-Bromofluorobenzene	49	(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-17322-101107-CB-030

GC/MS Volatiles

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W1AN **Matrix.....:** SO
Date Sampled...: 10/11/07 16:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.69
% Moisture.....: 12 **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	**0.31 J,B**	**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	**3.0 J**	**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-17322-101107-CB-030

GC/MS Volatiles

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W1AN **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	**0.69 J,B**	**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	95	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	84	(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-17322-101107-CB-031

GC/MS Volatiles

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X1AN **Matrix.....:** SO
Date Sampled...: 10/11/07 16:20 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
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	ND	19	ug/kg	1.3
Carbon disulfide	ND	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	0.38
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	0.38
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	**0.66 J**	**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-17322-101107-CB-031

GC/MS Volatiles

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X1AN **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	0.52
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	ND	4.7	ug/kg	0.23
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	97	(59 - 138)
1,2-Dichloroethane-d4	92	(61 - 130)
Toluene-d8	85	(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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101107-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J120137-006 **Work Order #...:** J8R221AA **Matrix.....:** SQ
Date Sampled...: 10/11/07 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
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-17322-101107-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J120137-006 **Work Order #...:** J8R221AA **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	97	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	81	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101107-CB-025

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M1A5 **Matrix.....:** SO
Date Sampled...: 10/11/07 10:40 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7288034
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	7.6	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	**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	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-17322-101107-CB-025

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M1A5 **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
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	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-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-17322-101107-CB-025

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	81	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	82	(28 - 110)
2-Fluorophenol	80	(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-17322-101107-CB-028

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q1AT **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7288034
Dilution Factor: 1
% Moisture.....: 9.1 **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	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	7.3	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-17322-101107-CB-028

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q1AT **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
Hexachlorocyclopentadiene	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-propylamine	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-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-17322-101107-CB-028

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q1AT **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	73	(24 - 112)
2-Fluorobiphenyl	71	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	75	(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-17322-101107-CB-030

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W1AG **Matrix.....:** SO
Date Sampled...: 10/11/07 16:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7288034
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-17322-101107-CB-030

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W1AG **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-17322-101107-CB-030

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	79	(24 - 112)
2-Fluorobiphenyl	74	(34 - 110)
Terphenyl-d14	82	(41 - 119)
Phenol-d5	77	(28 - 110)
2-Fluorophenol	76	(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-17322-101107-CB-031

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X1AG **Matrix.....:** SO
Date Sampled...: 10/11/07 16:20 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7288034
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	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-17322-101107-CB-031

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X1AG **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
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	**8.6**	**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	94
Phenanthrene	**8.6**	**7.6**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	29
Pyrene	ND	7.6	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-17322-101107-CB-031

GC/MS Semivolatiles

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	74	(24 - 112)
2-Fluorobiphenyl	73	(34 - 110)
Terphenyl-d14	90	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	72	(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-17322-101107-CB-025

GC Semivolatiles

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M1A7 **Matrix.....:** SO
Date Sampled...: 10/11/07 10:40 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7288044
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	103	(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-17322-101107-CB-028

GC Semivolatiles

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q1A1 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/18/07
Prep Batch #...: 7288044
Dilution Factor: 1
% Moisture.....: 9.1 **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	17
Aroclor 1254	ND	36	ug/kg	9.7
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(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-17322-101107-CB-030

GC Semivolatiles

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W1AJ **Matrix.....:** SO
Date Sampled...: 10/11/07 16:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
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	111	(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-17322-101107-CB-031

GC Semivolatiles

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X1AJ **Matrix.....:** SO
Date Sampled...: 10/11/07 16:20 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
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	115	(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-17322-101107-CB-025

TOTAL Metals

Lot-Sample #...: A7J120137-001 **Matrix.....:** SO
Date Sampled...: 10/11/07 10:40 **Date Received..:** 10/12/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**8.3**	**0.45**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8R2M1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7288025						
Silver	**0.061 B**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2M1A2**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**4230**	**18.1**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AE**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**4.1**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2M1A0**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**23.6 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AF**
		Dilution Factor: 1		MDL.....: 0.080		
Beryllium	ND	0.18	mg/kg	SW846 6010B	10/15/07	J8R2M1AG
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**52600 J**	**453**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AJ**
		Dilution Factor: 1		MDL.....: 18.1		
Cadmium	ND	0.091	mg/kg	SW846 6010B	10/15/07	J8R2M1AH
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**4.1**	**0.45**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**9.5**	**0.45**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AV**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**10.8**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AL**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**10600**	**9.1**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AM**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.015 B**	**0.045**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8R2M1AD**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101107-CB-025

TOTAL Metals

Lot-Sample #...: A7J120137-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**789**	**453**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AR**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**14900 J**	**90.7**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AN**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**241 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AP**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**443**	**90.7**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AT**
		Dilution Factor: 1		MDL.....: 74.8		
Nickel	**10.8**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AQ**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**5.5**	**0.27**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AW**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.10 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2M1AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.20**	**0.19**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2M1A1**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.11**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2M1A3**
		Dilution Factor: 1		MDL.....: 0.0090		
Vanadium	**12.9**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2M1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**28.2 J**	**0.91**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2M1A4**
		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-17322-101107-CB-028

TOTAL Metals

Lot-Sample #...: A7J120137-002 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
% Moisture.....: 9.1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**8.0**	**0.44**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8R2Q1A7**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7288025						
Silver	**0.059 B**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2Q1AH**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**3730**	**17.6**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1CJ**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**3.3**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2Q1AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**23.5 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1CM**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	ND	0.18	mg/kg	SW846 6010B	10/15/07	J8R2Q1CQ
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**83600 J**	**2200**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8R2Q1CX**
		Dilution Factor: 5		MDL.....: 88.0		
Cadmium	ND	0.088	mg/kg	SW846 6010B	10/15/07	J8R2Q1CU
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**4.3**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1C2**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**8.0**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DX**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**9.4**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1C5**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**8960**	**8.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1C8**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.014 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8R2Q1CF**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101107-CB-028

TOTAL Metals

Lot-Sample #...: A7J120137-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**919**	**440**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DM**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**23200 J**	**88.0**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DC**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**235 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DF**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**115**	**88.0**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DQ**
		Dilution Factor: 1		MDL.....: 72.6		
Nickel	**11.3**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DJ**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**5.3**	**0.26**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1D2**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.086 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2Q1D5**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.34**	**0.19**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2Q1AE**
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.14**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2Q1AL**
		Dilution Factor: 1		MDL.....: 0.0087		
Vanadium	**12.4**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2Q1DU**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**8.6 J**	**0.88**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2Q1AP**
		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-17322-101107-CB-030

TOTAL Metals

Lot-Sample #...: A7J120137-003 **Matrix.....:** SO
Date Sampled...: 10/11/07 16:15 **Date Received..:** 10/12/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**6.5**	**0.46**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8R2W1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7288025						
Silver	**0.042 B**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2W1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**2290**	**18.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**3.3**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2W1AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**10.8 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	ND	0.18	mg/kg	SW846 6010B	10/15/07	J8R2W1AT
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**78200 J**	**2280**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8R2W1AV**
		Dilution Factor: 5		MDL.....: 91.3		
Cadmium	ND	0.091	mg/kg	SW846 6010B	10/15/07	J8R2W1AU
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**3.5**	**0.46**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**7.5**	**0.46**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**11.2**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1AX**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**7320**	**9.1**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	ND	0.046	mg/kg	SW846 7471A	10/15/07	J8R2W1AP
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101107-CB-030

TOTAL Metals

Lot-Sample #...: A7J120137-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**580**	**456**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**10200 J**	**91.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A1**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**242 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A2**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**378**	**91.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A5**
		Dilution Factor: 1		MDL.....: 75.3		
Nickel	**8.3**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**5.8**	**0.27**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.091 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2W1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.22**	**0.19**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2W1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.15**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2W1AE**
		Dilution Factor: 1		MDL.....: 0.0090		
Vanadium	**7.1**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2W1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**25.8 J**	**0.91**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2W1AF**
		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-17322-101107-CB-031

TOTAL Metals

Lot-Sample #...: A7J120137-004 **Matrix.....:** SO
Date Sampled...: 10/11/07 16:20 **Date Received..:** 10/12/07
% Moisture.....: 13

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**9.4**	**0.46**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8R2X1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7288025						
Silver	**0.050 B**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2X1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**2500**	**18.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1AQ**
		Dilution Factor: 1		MDL.....: 11.0		
Arsenic	**3.9**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2X1AA**
		Dilution Factor: 1		MDL.....: 0.071		
Barium	**14.5 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	ND	0.18	mg/kg	SW846 6010B	10/15/07	J8R2X1AT
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**77000 J**	**2290**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8R2X1AV**
		Dilution Factor: 5		MDL.....: 91.4		
Cadmium	ND	0.091	mg/kg	SW846 6010B	10/15/07	J8R2X1AU
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**3.7**	**0.46**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**10.0**	**0.46**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**13.2**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1AX**
		Dilution Factor: 1		MDL.....: 0.85		
Iron	**8210**	**9.1**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.015 B**	**0.046**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8R2X1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101107-CB-031

TOTAL Metals

Lot-Sample #...: A7J120137-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**600**	**457**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A4**
		Dilution Factor: 1		MDL.....: 7.1		
Magnesium	**7100 J**	**91.4**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A1**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**228 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A2**
		Dilution Factor: 1		MDL.....: 0.085		
Sodium	**357**	**91.4**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A5**
		Dilution Factor: 1		MDL.....: 75.4		
Nickel	**8.9**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**7.5**	**0.27**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.091 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2X1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.13 B**	**0.19**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2X1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.15**	**0.091**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2X1AE**
		Dilution Factor: 1		MDL.....: 0.0090		
Vanadium	**8.9**	**0.91**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8R2X1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**27.5 J**	**0.91**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8R2X1AF**
		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-17322-101107-CB-025

General Chemistry

Lot-Sample #...: A7J120137-001 **Work Order #...:** J8R2M **Matrix.....:** SO
Date Sampled...: 10/11/07 10:40 **Date Received..:** 10/12/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/15/07	7288440
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.2**	**0.91**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291526**
		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-17322-101107-CB-028

General Chemistry

Lot-Sample #...: A7J120137-002 **Work Order #...:** J8R2Q **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
% Moisture.....: 9.1

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.68**	**0.22**	**mg/kg**	**SW846 9012A**	**10/15/07**	**7288440**
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	ND	0.88	mg/kg	SW846 7196A	10/16-10/17/07	7289491
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.9**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291526**
		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-17322-101107-CB-030

General Chemistry

Lot-Sample #...: A7J120137-003 **Work Order #...:** J8R2W **Matrix.....:** SO
Date Sampled...: 10/11/07 16:15 **Date Received..:** 10/12/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/15/07	7288440
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.1**	**0.91**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.7**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291526**
		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-17322-101107-CB-031

General Chemistry

Lot-Sample #...: A7J120137-004 **Work Order #...:** J8R2X **Matrix.....:** SO
Date Sampled...: 10/11/07 16:20 **Date Received..:** 10/12/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/15/07	7288440
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.61 B**	**0.91**	**mg/kg**	**SW846 7196A**	**10/16-10/17/07**	**7289491**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**87.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291526**
		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 #...: A7J120137 **Work Order #...:** J82X41AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J160000-285

Prep Date.....: 10/15/07
Analysis Date..: 10/15/07 **Prep Batch #...:** 7289285
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	**0.46 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.47 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	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 #...: A7J120137 **Work Order #...:** J82X41AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**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	94	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	86	(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 #...: A7J120137 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.7	SW846 8260B
Benzene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.5**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	107	0.080	SW846 8260B
Bromoform	50	56	ug/kg	111		SW846 8260B
	50	57	ug/kg	114	2.7	SW846 8260B
Bromomethane	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	2.6	SW846 8260B
2-Butanone	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	99	0.38	SW846 8260B
Carbon disulfide	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.6	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	111	0.91	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**107**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**4.0**	**SW846 8260B**
Dibromochloromethane	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	107	1.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	100	0.90	SW846 8260B
Chloroethane	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	111	0.66	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.090	SW846 8260B
Chloromethane	50	48	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	1.4	SW846 8260B
Cyclohexane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	1.7	SW846 8260B
1,2-Dibromoethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.3	SW846 8260B
1,2-Dichlorobenzene	50	52	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.1	SW846 8260B
1,3-Dichlorobenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.9	SW846 8260B
1,4-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	1.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	39	ug/kg	78		SW846 8260B
	50	38	ug/kg	76	2.7	SW846 8260B
1,1-Dichloroethane	50	56	ug/kg	112		SW846 8260B
	50	56	ug/kg	111	0.84	SW846 8260B
1,2-Dichloroethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.030	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**113**		**SW846 8260B**
	50	**57**	**ug/kg**	**114**	**1.0**	**SW846 8260B**
cis-1,2-Dichloroethene	50	57	ug/kg	114		SW846 8260B
	50	56	ug/kg	113	0.68	SW846 8260B
trans-1,2-Dichloroethene	50	57	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.3	SW846 8260B
1,2-Dichloropropane	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	1.3	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.10	SW846 8260B
trans-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.4	SW846 8260B
Ethylbenzene	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	103	5.1	SW846 8260B
Trichlorofluoromethane	50	57	ug/kg	115		SW846 8260B
	50	58	ug/kg	116	0.83	SW846 8260B
2-Hexanone	50	44	ug/kg	88		SW846 8260B
	50	45	ug/kg	90	2.1	SW846 8260B
Isopropylbenzene	50	62	ug/kg	123		SW846 8260B
	50	60	ug/kg	119	3.6	SW846 8260B
Methyl acetate	50	52	ug/kg	105		SW846 8260B
	50	54	ug/kg	108	2.8	SW846 8260B
Methylcyclohexane	50	55	ug/kg	109		SW846 8260B
	50	54	ug/kg	108	1.2	SW846 8260B
Methylene chloride	50	58	ug/kg	116		SW846 8260B
	50	59	ug/kg	117	0.58	SW846 8260B
4-Methyl-2-pentanone	50	48	ug/kg	96		SW846 8260B
	50	51	ug/kg	102	5.5	SW846 8260B
Styrene	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	108	2.2	SW846 8260B
1,1,2,2-Tetrachloroethane	50	53	ug/kg	105		SW846 8260B
	50	53	ug/kg	107	1.1	SW846 8260B
Tetrachloroethene	50	55	ug/kg	110		SW846 8260B
	50	52	ug/kg	104	5.3	SW846 8260B
Toluene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**50**	**ug/kg**	**99**	**4.8**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	51	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.5	SW846 8260B
1,1,1-Trichloroethane	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	113	0.97	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.040	SW846 8260B
Trichloroethene	**50**	**56**	**ug/kg**	**113**		**SW846 8260B**
	50	**55**	**ug/kg**	**109**	**3.5**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	66	ug/kg	132		SW846 8260B
	50	65	ug/kg	131	0.96	SW846 8260B
1,2,4-Trimethylbenzene	50	55	ug/kg	109		SW846 8260B
	50	52	ug/kg	105	4.2	SW846 8260B
1,3,5-Trimethylbenzene	50	56	ug/kg	112		SW846 8260B
	50	53	ug/kg	107	4.6	SW846 8260B
Vinyl chloride	50	47	ug/kg	95		SW846 8260B
	50	49	ug/kg	98	3.7	SW846 8260B
Xylenes (total)	150	160	ug/kg	109		SW846 8260B
	150	160	ug/kg	105	3.7	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	108		SW846 8260B
	50	55	ug/kg	111	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	90	(61 - 130)
Toluene-d8	85	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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 #...: A7J120137 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	102	(58 - 130)			SW846 8260B
	100	(58 - 130)	1.7	(0-30)	SW846 8260B
Benzene	**109**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**1.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	107	(72 - 125)	0.080	(0-30)	SW846 8260B
Bromoform	111	(43 - 149)			SW846 8260B
	114	(43 - 149)	2.7	(0-30)	SW846 8260B
Bromomethane	107	(24 - 152)			SW846 8260B
	110	(24 - 152)	2.6	(0-30)	SW846 8260B
2-Butanone	99	(27 - 200)			SW846 8260B
	99	(27 - 200)	0.38	(0-46)	SW846 8260B
Carbon disulfide	119	(50 - 137)			SW846 8260B
	116	(50 - 137)	2.6	(0-30)	SW846 8260B
Carbon tetrachloride	110	(57 - 137)			SW846 8260B
	111	(57 - 137)	0.91	(0-30)	SW846 8260B
Chlorobenzene	**107**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**4.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	109	(49 - 135)			SW846 8260B
	107	(49 - 135)	1.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	99	(50 - 150)			SW846 8260B
	100	(50 - 150)	0.90	(0-30)	SW846 8260B
Chloroethane	111	(31 - 144)			SW846 8260B
	111	(31 - 144)	0.66	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.090	(0-30)	SW846 8260B
Chloromethane	97	(15 - 136)			SW846 8260B
	98	(15 - 136)	1.4	(0-30)	SW846 8260B
Cyclohexane	106	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.7	(0-20)	SW846 8260B
1,2-Dibromoethane	103	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	108	(50 - 150)			SW846 8260B
	106	(50 - 150)	1.9	(0-20)	SW846 8260B
1,4-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.7	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	78	(50 - 150)			SW846 8260B
	76	(50 - 150)	2.7	(0-20)	SW846 8260B
1,1-Dichloroethane	112	(77 - 119)			SW846 8260B
	111	(77 - 119)	0.84	(0-30)	SW846 8260B
1,2-Dichloroethane	105	(78 - 121)			SW846 8260B
	105	(78 - 121)	0.030	(0-30)	SW846 8260B
1,1-Dichloroethene	**113**	**(55 - 142)**			**SW846 8260B**
	114	**(55 - 142)**	**1.0**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	114	(77 - 114)			SW846 8260B
	113	(77 - 114)	0.68	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	115	(68 - 117)			SW846 8260B
	113	(68 - 117)	1.3	(0-30)	SW846 8260B
1,2-Dichloropropane	107	(78 - 116)			SW846 8260B
	106	(78 - 116)	1.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	103	(71 - 125)			SW846 8260B
	103	(71 - 125)	0.10	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	102	(67 - 125)			SW846 8260B
	100	(67 - 125)	1.4	(0-30)	SW846 8260B
Ethylbenzene	109	(79 - 114)			SW846 8260B
	103	(79 - 114)	5.1	(0-30)	SW846 8260B
Trichlorofluoromethane	115	(50 - 150)			SW846 8260B
	116	(50 - 150)	0.83	(0-20)	SW846 8260B
2-Hexanone	88	(29 - 200)			SW846 8260B
	90	(29 - 200)	2.1	(0-41)	SW846 8260B
Isopropylbenzene	123	(50 - 150)			SW846 8260B
	119	(50 - 150)	3.6	(0-20)	SW846 8260B
Methyl acetate	105	(50 - 150)			SW846 8260B
	108	(50 - 150)	2.8	(0-20)	SW846 8260B
Methylcyclohexane	109	(50 - 150)			SW846 8260B
	108	(50 - 150)	1.2	(0-20)	SW846 8260B
Methylene chloride	116	(58 - 130)			SW846 8260B
	117	(58 - 130)	0.58	(0-30)	SW846 8260B
4-Methyl-2-pentanone	96	(68 - 142)			SW846 8260B
	102	(68 - 142)	5.5	(0-60)	SW846 8260B
Styrene	110	(80 - 114)			SW846 8260B
	108	(80 - 114)	2.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(70 - 133)			SW846 8260B
	107	(70 - 133)	1.1	(0-30)	SW846 8260B
Tetrachloroethene	110	(72 - 120)			SW846 8260B
	104	(72 - 120)	5.3	(0-30)	SW846 8260B
Toluene	**104**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**4.8**	**(0-24)**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	114	(67 - 123)			SW846 8260B
	113	(67 - 123)	0.97	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(82 - 116)			SW846 8260B
	102	(82 - 116)	0.040	(0-30)	SW846 8260B
Trichloroethene	**113**	**(70 - 131)**			**SW846 8260B**
	109	**(70 - 131)**	**3.5**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	132	(50 - 150)			SW846 8260B
	131	(50 - 150)	0.96	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	109	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	112	(70 - 130)			SW846 8260B
	107	(70 - 130)	4.6	(0-30)	SW846 8260B
Vinyl chloride	95	(24 - 152)			SW846 8260B
	98	(24 - 152)	3.7	(0-30)	SW846 8260B
Xylenes (total)	109	(80 - 114)			SW846 8260B
	105	(80 - 114)	3.7	(0-30)	SW846 8260B
Methyl tert-butyl ether	108	(70 - 130)			SW846 8260B
	111	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	90	(61 - 130)
Toluene-d8	85	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.73

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	40	39	ug/kg	94		SW846 8260B
	ND	34	31	ug/kg	87	24	SW846 8260B
Benzene	**ND**	**40**	**38**	**ug/kg**	**95**		**SW846 8260B**
	ND	**34**	**29**	**ug/kg**	**85 p**	**27**	**SW846 8260B**
Bromodichloromethane	ND	40	35	ug/kg	88		SW846 8260B
	ND	34	28	ug/kg	81	25	SW846 8260B
Bromoform	ND	40	33	ug/kg	81		SW846 8260B
	ND	34	25	ug/kg	75	25	SW846 8260B
Bromomethane	ND	40	40	ug/kg	101		SW846 8260B
	ND	34	31	ug/kg	91	27	SW846 8260B
2-Butanone	ND	40	37	ug/kg	92		SW846 8260B
	ND	34	31	ug/kg	91	18	SW846 8260B
Carbon disulfide	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	31	ug/kg	91	30	SW846 8260B
Carbon tetrachloride	ND	40	40	ug/kg	99		SW846 8260B
	ND	34	30	ug/kg	88	28	SW846 8260B
Chlorobenzene	**ND**	**40**	**32**	**ug/kg**	**80**		**SW846 8260B**
	ND	**34**	**25**	**ug/kg**	**73 p**	**26**	**SW846 8260B**
Dibromochloromethane	ND	40	32	ug/kg	81		SW846 8260B
	ND	34	26	ug/kg	78	20	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	40	29	ug/kg	71		SW846 8260B
	ND	34	24	ug/kg	72	16	SW846 8260B
Chloroethane	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	31	ug/kg	90	30	SW846 8260B
Chloroform	ND	40	39	ug/kg	97		SW846 8260B
	ND	34	29	ug/kg	86	28	SW846 8260B
Chloromethane	ND	40	37	ug/kg	93		SW846 8260B
	ND	34	28	ug/kg	82	29	SW846 8260B
Cyclohexane	ND	40	38	ug/kg	94		SW846 8260B
	ND	34	28	ug/kg	83 p	30	SW846 8260B
1,2-Dibromoethane	ND	40	31	ug/kg	77		SW846 8260B
	ND	34	25	ug/kg	75	19	SW846 8260B
1,2-Dichlorobenzene	ND	40	29	ug/kg	71		SW846 8260B
	ND	34	22	ug/kg	64 p	28	SW846 8260B
1,3-Dichlorobenzene	ND	40	29	ug/kg	72		SW846 8260B
	ND	34	22	ug/kg	64 p	28	SW846 8260B
1,4-Dichlorobenzene	ND	40	27	ug/kg	68		SW846 8260B
	ND	34	21	ug/kg	61 p	27	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	40	29	ug/kg	73		SW846 8260B
	ND	34	21	ug/kg	63 p	30	SW846 8260B
1,1-Dichloroethane	ND	40	41	ug/kg	101		SW846 8260B
	ND	34	31	ug/kg	91	28	SW846 8260B
1,2-Dichloroethane	ND	40	36	ug/kg	89		SW846 8260B
	ND	34	28	ug/kg	83	24	SW846 8260B
1,1-Dichloroethene	**ND**	**40**	**42**	**ug/kg**	**105**		**SW846 8260B**
	ND	**34**	**31**	**ug/kg**	**91 p**	**30**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	40	40	ug/kg	99		SW846 8260B
	ND	34	30	ug/kg	88	28	SW846 8260B
trans-1,2-Dichloroethene	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	30	ug/kg	88	32	SW846 8260B
1,2-Dichloropropane	ND	40	37	ug/kg	93		SW846 8260B
	ND	34	29	ug/kg	87	24	SW846 8260B
cis-1,3-Dichloropropene	ND	40	33	ug/kg	82		SW846 8260B
	ND	34	26	ug/kg	77	23	SW846 8260B
trans-1,3-Dichloropropene	ND	40	29	ug/kg	73		SW846 8260B
	ND	34	24	ug/kg	71	19	SW846 8260B
Ethylbenzene	ND	40	34	ug/kg	86		SW846 8260B
	ND	34	26	ug/kg	77	27	SW846 8260B
Trichlorofluoromethane	ND	40	43	ug/kg	106		SW846 8260B
	ND	34	33	ug/kg	96 p	26	SW846 8260B
2-Hexanone	ND	40	30	ug/kg	75		SW846 8260B
	ND	34	26	ug/kg	76	15	SW846 8260B
Isopropylbenzene	ND	40	40	ug/kg	100		SW846 8260B
	ND	34	30	ug/kg	87 p	30	SW846 8260B
Methyl acetate	ND	40	43	ug/kg	108		SW846 8260B
	ND	34	34	ug/kg	99 p	25	SW846 8260B
Methylcyclohexane	ND	40	38	ug/kg	95		SW846 8260B
	ND	34	27	ug/kg	81 p	32	SW846 8260B
Methylene chloride	1.2	40	44	ug/kg	107		SW846 8260B
	1.2	34	32	ug/kg	91	32	SW846 8260B
4-Methyl-2-pentanone	ND	40	36	ug/kg	91		SW846 8260B
	ND	34	30	ug/kg	89	18	SW846 8260B
Styrene	ND	40	33	ug/kg	82		SW846 8260B
	ND	34	25	ug/kg	74	26	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	33	ug/kg	81		SW846 8260B
	ND	34	26	ug/kg	77	22	SW846 8260B
Tetrachloroethene	ND	40	35	ug/kg	88		SW846 8260B
	ND	34	27	ug/kg	79	27	SW846 8260B
Toluene	**ND**	**40**	**34**	**ug/kg**	**84**		**SW846 8260B**
	ND	**34**	**26**	**ug/kg**	**78**	**24**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	40	23	ug/kg	56		SW846 8260B
	ND	34	18	ug/kg	54 p	21	SW846 8260B
1,1,1-Trichloroethane	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	31	ug/kg	92	28	SW846 8260B
1,1,2-Trichloroethane	ND	40	33	ug/kg	84		SW846 8260B
	ND	34	27	ug/kg	79	22	SW846 8260B
Trichloroethene	**ND**	**40**	**37**	**ug/kg**	**92**		**SW846 8260B**
	ND	**34**	**28**	**ug/kg**	**83 p**	**27**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	40	49	ug/kg	122		SW846 8260B
	ND	34	37	ug/kg	108 p	29	SW846 8260B
1,2,4-Trimethylbenzene	ND	40	33	ug/kg	82		SW846 8260B
	ND	34	25	ug/kg	73	28	SW846 8260B
1,3,5-Trimethylbenzene	ND	40	34	ug/kg	86		SW846 8260B
	ND	34	25	ug/kg	75	30	SW846 8260B
Vinyl chloride	ND	40	36	ug/kg	90		SW846 8260B
	ND	34	28	ug/kg	81	27	SW846 8260B
Xylenes (total)	ND	120	100	ug/kg	87		SW846 8260B
	ND	100	79	ug/kg	78	28	SW846 8260B
Methyl tert-butyl ether	ND	40	42	ug/kg	105		SW846 8260B
	ND	34	32	ug/kg	95	26	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	88	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	90	(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

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 #...: A7J120137 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.73

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	94	(10 - 200)			SW846 8260B
	87	(10 - 200)	24	(0-66)	SW846 8260B
Benzene	**95**	**(55 - 138)**			**SW846 8260B**
	85 p	**(55 - 138)**	**27**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	88	(47 - 131)			SW846 8260B
	81	(47 - 131)	25	(0-51)	SW846 8260B
Bromoform	81	(26 - 141)			SW846 8260B
	75	(26 - 141)	25	(0-64)	SW846 8260B
Bromomethane	101	(15 - 152)			SW846 8260B
	91	(15 - 152)	27	(0-72)	SW846 8260B
2-Butanone	92	(21 - 195)			SW846 8260B
	91	(21 - 195)	18	(0-60)	SW846 8260B
Carbon disulfide	103	(27 - 149)			SW846 8260B
	91	(27 - 149)	30	(0-73)	SW846 8260B
Carbon tetrachloride	99	(32 - 143)			SW846 8260B
	88	(32 - 143)	28	(0-68)	SW846 8260B
Chlorobenzene	**80**	**(49 - 139)**			**SW846 8260B**
	73 p	**(49 - 139)**	**26**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	81	(44 - 135)			SW846 8260B
	78	(44 - 135)	20	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	71	(50 - 150)			SW846 8260B
	72	(50 - 150)	16	(0-20)	SW846 8260B
Chloroethane	103	(32 - 140)			SW846 8260B
	90	(32 - 140)	30	(0-66)	SW846 8260B
Chloroform	97	(59 - 128)			SW846 8260B
	86	(59 - 128)	28	(0-46)	SW846 8260B
Chloromethane	93	(28 - 130)			SW846 8260B
	82	(28 - 130)	29	(0-81)	SW846 8260B
Cyclohexane	94	(50 - 150)			SW846 8260B
	83 p	(50 - 150)	30	(0-20)	SW846 8260B
1,2-Dibromoethane	77	(50 - 150)			SW846 8260B
	75	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dichlorobenzene	71	(50 - 150)			SW846 8260B
	64 p	(50 - 150)	28	(0-20)	SW846 8260B
1,3-Dichlorobenzene	72	(50 - 150)			SW846 8260B
	64 p	(50 - 150)	28	(0-20)	SW846 8260B
1,4-Dichlorobenzene	68	(50 - 150)			SW846 8260B
	61 p	(50 - 150)	27	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	73	(50 - 150)			SW846 8260B
	63 p	(50 - 150)	30	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(56 - 130)			SW846 8260B
	91	(56 - 130)	28	(0-54)	SW846 8260B
1,2-Dichloroethane	89	(56 - 126)			SW846 8260B
	83	(56 - 126)	24	(0-38)	SW846 8260B
1,1-Dichloroethene	**105**	**(43 - 147)**			**SW846 8260B**
	91 p	**(43 - 147)**	**30**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	99	(48 - 127)			SW846 8260B
	88	(48 - 127)	28	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	103	(47 - 127)			SW846 8260B
	88	(47 - 127)	32	(0-58)	SW846 8260B
1,2-Dichloropropane	93	(54 - 125)			SW846 8260B
	87	(54 - 125)	24	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	82	(30 - 138)			SW846 8260B
	77	(30 - 138)	23	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	73	(34 - 134)			SW846 8260B
	71	(34 - 134)	19	(0-57)	SW846 8260B
Ethylbenzene	86	(36 - 133)			SW846 8260B
	77	(36 - 133)	27	(0-72)	SW846 8260B
Trichlorofluoromethane	106	(50 - 150)			SW846 8260B
	96 p	(50 - 150)	26	(0-20)	SW846 8260B
2-Hexanone	75	(20 - 190)			SW846 8260B
	76	(20 - 190)	15	(0-70)	SW846 8260B
Isopropylbenzene	100	(50 - 150)			SW846 8260B
	87 p	(50 - 150)	30	(0-20)	SW846 8260B
Methyl acetate	108	(50 - 150)			SW846 8260B
	99 p	(50 - 150)	25	(0-20)	SW846 8260B
Methylcyclohexane	95	(50 - 150)			SW846 8260B
	81 p	(50 - 150)	32	(0-20)	SW846 8260B
Methylene chloride	107	(45 - 129)			SW846 8260B
	91	(45 - 129)	32	(0-49)	SW846 8260B
4-Methyl-2-pentanone	91	(42 - 143)			SW846 8260B
	89	(42 - 143)	18	(0-60)	SW846 8260B
Styrene	82	(23 - 136)			SW846 8260B
	74	(23 - 136)	26	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	81	(33 - 162)			SW846 8260B
	77	(33 - 162)	22	(0-90)	SW846 8260B
Tetrachloroethene	88	(31 - 137)			SW846 8260B
	79	(31 - 137)	27	(0-81)	SW846 8260B
Toluene	**84**	**(46 - 147)**			**SW846 8260B**
	78	**(46 - 147)**	**24**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	56	(50 - 150)			SW846 8260B
	54 p	(50 - 150)	21	(0-20)	SW846 8260B
1,1,1-Trichloroethane	103	(48 - 132)			SW846 8260B
	92	(48 - 132)	28	(0-57)	SW846 8260B
1,1,2-Trichloroethane	84	(58 - 128)			SW846 8260B
	79	(58 - 128)	22	(0-52)	SW846 8260B
Trichloroethene	**92**	**(46 - 143)**			**SW846 8260B**
	83 p	**(46 - 143)**	**27**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	122	(50 - 150)			SW846 8260B
	108 p	(50 - 150)	29	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	73	(70 - 130)	28	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	75	(70 - 130)	30	(0-30)	SW846 8260B
Vinyl chloride	90	(30 - 136)			SW846 8260B
	81	(30 - 136)	27	(0-80)	SW846 8260B
Xylenes (total)	87	(33 - 135)			SW846 8260B
	78	(33 - 135)	28	(0-78)	SW846 8260B
Methyl tert-butyl ether	105	(70 - 130)			SW846 8260B
	95	(70 - 130)	26	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	88	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	90	(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

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 #...: A7J120137 **Work Order #...:** J80KM1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J150000-034

Prep Date.....: 10/15/07
Analysis Date..: 10/16/07 **Prep Batch #...:** 7288034
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 #...: A7J120137 **Work Order #...:** J80KM1AA **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	65	(34 - 110)
Terphenyl-d14	86	(41 - 119)
Phenol-d5	66	(28 - 110)
2-Fluorophenol	65	(26 - 110)
2,4,6-Tribromophenol	66	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J80KM1AA **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 #...: A7J120137 **Work Order #...:** J80KM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-034
Prep Date.....: 10/15/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7288034
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyridine	670	430	ug/kg	64	SW846 8270C
bis(2-Chloroisopropyl) ether	670	600	ug/kg	90	SW846 8270C
Acenaphthene	**670**	**590**	**ug/kg**	**89**	**SW846 8270C**
Acenaphthylene	670	560	ug/kg	84	SW846 8270C
Acetophenone	670	520	ug/kg	78	SW846 8270C
Anthracene	670	570	ug/kg	86	SW846 8270C
Atrazine	670	760	ug/kg	115	SW846 8270C
Benzo(a)anthracene	670	560	ug/kg	84	SW846 8270C
Benzo(a)pyrene	670	620	ug/kg	93	SW846 8270C
Benzo(b)fluoranthene	670	600	ug/kg	90	SW846 8270C
Benzo(ghi)perylene	670	590	ug/kg	89	SW846 8270C
Benzo(k)fluoranthene	670	630	ug/kg	95	SW846 8270C
Benzaldehyde	670	560	ug/kg	83	SW846 8270C
1,1'-Biphenyl	670	580	ug/kg	88	SW846 8270C
bis(2-Chloroethoxy) methane	670	560	ug/kg	84	SW846 8270C
bis(2-Chloroethyl)- ether	670	530	ug/kg	80	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	610	ug/kg	91	SW846 8270C
4-Bromophenyl phenyl ether	670	620	ug/kg	93	SW846 8270C
Butyl benzyl phthalate	670	620	ug/kg	92	SW846 8270C
Caprolactam	670	570	ug/kg	86	SW846 8270C
Carbazole	670	610	ug/kg	92	SW846 8270C
4-Chloroaniline	670	240	ug/kg	36	SW846 8270C
4-Chloro-3-methylphenol	**670**	**580**	**ug/kg**	**87**	**SW846 8270C**
2-Chloronaphthalene	670	550	ug/kg	82	SW846 8270C
2-Chlorophenol	**670**	**540**	**ug/kg**	**81**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	590	ug/kg	89	SW846 8270C
Chrysene	670	570	ug/kg	85	SW846 8270C
Dibenz(a,h)anthracene	670	620	ug/kg	93	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J80KM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-034

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	540	ug/kg	81	SW846 8270C
3,3'-Dichlorobenzidine	670	290	ug/kg	44	SW846 8270C
2,4-Dichlorophenol	670	560	ug/kg	83	SW846 8270C
Diethyl phthalate	670	600	ug/kg	90	SW846 8270C
2,4-Dimethylphenol	670	510	ug/kg	77	SW846 8270C
Dimethyl phthalate	670	580	ug/kg	86	SW846 8270C
Di-n-butyl phthalate	670	650	ug/kg	98	SW846 8270C
4,6-Dinitro-2-methylphenol	670	550	ug/kg	82	SW846 8270C
2,4-Dinitrophenol	670	470	ug/kg	70	SW846 8270C
2,4-Dinitrotoluene	**670**	**620**	**ug/kg**	**93**	**SW846 8270C**
2,6-Dinitrotoluene	670	600	ug/kg	90	SW846 8270C
Di-n-octyl phthalate	670	630	ug/kg	95	SW846 8270C
Fluoranthene	670	630	ug/kg	94	SW846 8270C
Fluorene	670	530	ug/kg	80	SW846 8270C
Hexachlorobenzene	670	580	ug/kg	87	SW846 8270C
Hexachlorobutadiene	670	520	ug/kg	79	SW846 8270C
Hexachlorocyclopenta-diene	670	650	ug/kg	98	SW846 8270C
Hexachloroethane	670	530	ug/kg	79	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	610	ug/kg	92	SW846 8270C
Isophorone	670	620	ug/kg	93	SW846 8270C
2-Methylnaphthalene	670	570	ug/kg	85	SW846 8270C
2-Methylphenol	670	580	ug/kg	88	SW846 8270C
4-Methylphenol	1300	1100	ug/kg	81	SW846 8270C
Naphthalene	670	510	ug/kg	76	SW846 8270C
2-Nitroaniline	670	640	ug/kg	95	SW846 8270C
3-Nitroaniline	670	460	ug/kg	68	SW846 8270C
4-Nitroaniline	670	640	ug/kg	96	SW846 8270C
Nitrobenzene	670	590	ug/kg	89	SW846 8270C
2-Nitrophenol	670	650	ug/kg	98	SW846 8270C
4-Nitrophenol	**670**	**550**	**ug/kg**	**82**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**590**	**ug/kg**	**88**	**SW846 8270C**
N-Nitrosodiphenylamine	670	620	ug/kg	92	SW846 8270C
Pentachlorophenol	**670**	**500**	**ug/kg**	**74**	**SW846 8270C**
Phenanthrene	670	550	ug/kg	82	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J80KM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-034

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**570**	**ug/kg**	**86**	**SW846 8270C**
Pyrene	**670**	**590**	**ug/kg**	**89**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	550	ug/kg	83	SW846 8270C
2,4,6-Trichloro-phenol	670	550	ug/kg	83	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	81	(28 - 110)
2-Fluorophenol	83	(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 #...: A7J120137 **Work Order #...:** J80KM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-034
Prep Date.....: 10/15/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7288034
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyridine	64	(22 - 110)	SW846 8270C
bis(2-Chloroisopropyl) ether	90	(36 - 116)	SW846 8270C
Acenaphthene	**89**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	84	(47 - 110)	SW846 8270C
Acetophenone	78	(50 - 130)	SW846 8270C
Anthracene	86	(56 - 111)	SW846 8270C
Atrazine	115	(50 - 130)	SW846 8270C
Benzo(a)anthracene	84	(58 - 111)	SW846 8270C
Benzo(a)pyrene	93	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	90	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	89	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	95	(38 - 122)	SW846 8270C
Benzaldehyde	83	(10 - 130)	SW846 8270C
1,1'-Biphenyl	88	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	84	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	80	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	91	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	93	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	92	(57 - 121)	SW846 8270C
Caprolactam	86	(50 - 130)	SW846 8270C
Carbazole	92	(56 - 115)	SW846 8270C
4-Chloroaniline	36	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**87**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	82	(46 - 110)	SW846 8270C
2-Chlorophenol	**81**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	89	(53 - 110)	SW846 8270C
Chrysene	85	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	93	(45 - 122)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J80KM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-034

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	81	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	44	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	83	(40 - 110)	SW846 8270C
Diethyl phthalate	90	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	77	(28 - 110)	SW846 8270C
Dimethyl phthalate	86	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	98	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	82	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	70	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**93**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	90	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	95	(45 - 123)	SW846 8270C
Fluoranthene	94	(55 - 118)	SW846 8270C
Fluorene	80	(51 - 110)	SW846 8270C
Hexachlorobenzene	87	(51 - 110)	SW846 8270C
Hexachlorobutadiene	79	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	98	(10 - 110)	SW846 8270C
Hexachloroethane	79	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	92	(45 - 121)	SW846 8270C
Isophorone	93	(46 - 117)	SW846 8270C
2-Methylnaphthalene	85	(46 - 110)	SW846 8270C
2-Methylphenol	88	(36 - 110)	SW846 8270C
4-Methylphenol	81	(40 - 110)	SW846 8270C
Naphthalene	76	(42 - 110)	SW846 8270C
2-Nitroaniline	95	(47 - 124)	SW846 8270C
3-Nitroaniline	68	(44 - 110)	SW846 8270C
4-Nitroaniline	96	(50 - 110)	SW846 8270C
Nitrobenzene	89	(40 - 110)	SW846 8270C
2-Nitrophenol	98	(35 - 110)	SW846 8270C
4-Nitrophenol	**82**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**88**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	92	(54 - 112)	SW846 8270C
Pentachlorophenol	**74**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	82	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J80KM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-034

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**86**	**(39 - 110)**	**SW846 8270C**
Pyrene	**89**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	83	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	83	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	87	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	81	(28 - 110)
2-Fluorophenol	83	(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 #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288034
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	730	380	ug/kg	51		SW846 8270C
	ND	730	470	ug/kg	64	22	SW846 8270C
Pyridine	ND	730	250	ug/kg	34		SW846 8270C
	ND	730	230	ug/kg	31	7.6	SW846 8270C
Acenaphthene	**ND**	**730**	**410**	**ug/kg**	**55**		**SW846 8270C**
	ND	**730**	**540**	**ug/kg**	**74**	**29**	**SW846 8270C**
Acenaphthylene	ND	730	380	ug/kg	52		SW846 8270C
	ND	730	500	ug/kg	69	28	SW846 8270C
Acetophenone	ND	730	350	ug/kg	48 a		SW846 8270C
	ND	730	430	ug/kg	58	20	SW846 8270C
Anthracene	ND	730	400	ug/kg	54		SW846 8270C
	ND	730	530	ug/kg	72	28	SW846 8270C
Atrazine	ND	730	470	ug/kg	64		SW846 8270C
	ND	730	680	ug/kg	92 p	37	SW846 8270C
Benzo(a)anthracene	ND	730	390	ug/kg	54		SW846 8270C
	ND	730	530	ug/kg	72	29	SW846 8270C
Benzo(a)pyrene	ND	730	390	ug/kg	53		SW846 8270C
	ND	730	550	ug/kg	75 p	33	SW846 8270C
Benzo(b)fluoranthene	ND	730	380	ug/kg	51		SW846 8270C
	ND	730	520	ug/kg	72 p	33	SW846 8270C
Benzo(ghi)perylene	ND	730	370	ug/kg	51		SW846 8270C
	ND	730	540	ug/kg	74 p	36	SW846 8270C
Benzo(k)fluoranthene	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	540	ug/kg	74	29	SW846 8270C
Benzaldehyde	ND	730	370	ug/kg	51		SW846 8270C
	ND	730	430	ug/kg	59	14	SW846 8270C
1,1'-Biphenyl	ND	730	410	ug/kg	55		SW846 8270C
	ND	730	510	ug/kg	69	22	SW846 8270C
bis(2-Chloroethoxy) methane	ND	730	380	ug/kg	51		SW846 8270C
	ND	730	480	ug/kg	66	24	SW846 8270C
bis(2-Chloroethyl)-ether	ND	730	380	ug/kg	52		SW846 8270C
	ND	730	410	ug/kg	57	7.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	730	420	ug/kg	58		SW846 8270C
	ND	730	570	ug/kg	78	30	SW846 8270C
4-Bromophenyl phenyl ether	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	560	ug/kg	77 p	32	SW846 8270C
Butyl benzyl phthalate	ND	730	430	ug/kg	58		SW846 8270C
	ND	730	580	ug/kg	80 p	31	SW846 8270C
Caprolactam	ND	730	330	ug/kg	45 a		SW846 8270C
	ND	730	430	ug/kg	59	27	SW846 8270C
Carbazole	ND	730	410	ug/kg	55		SW846 8270C
	ND	730	550	ug/kg	76 p	31	SW846 8270C
4-Chloroaniline	ND	730	280	ug/kg	39		SW846 8270C
	ND	730	340	ug/kg	47	19	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**730**	**360**	**ug/kg**	**49**		**SW846 8270C**
	ND	**730**	**540**	**ug/kg**	**73 p**	**39**	**SW846 8270C**
2-Chloronaphthalene	ND	730	390	ug/kg	54		SW846 8270C
	ND	730	490	ug/kg	67	22	SW846 8270C
2-Chlorophenol	**ND**	**730**	**370**	**ug/kg**	**50**		**SW846 8270C**
	ND	**730**	**430**	**ug/kg**	**59**	**16**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	730	440	ug/kg	60		SW846 8270C
	ND	730	520	ug/kg	71	17	SW846 8270C
Chrysene	ND	730	410	ug/kg	56		SW846 8270C
	ND	730	530	ug/kg	72	25	SW846 8270C
Dibenz(a,h)anthracene	ND	730	380	ug/kg	52		SW846 8270C
	ND	730	560	ug/kg	77 p	38	SW846 8270C
Dibenzofuran	ND	730	410	ug/kg	55		SW846 8270C
	ND	730	500	ug/kg	68	21	SW846 8270C
3,3'-Dichlorobenzidine	ND	730	250	ug/kg	34		SW846 8270C
	ND	730	350	ug/kg	48 p	32	SW846 8270C
2,4-Dichlorophenol	ND	730	350	ug/kg	48		SW846 8270C
	ND	730	500	ug/kg	68 p	35	SW846 8270C
Diethyl phthalate	ND	730	420	ug/kg	57		SW846 8270C
	ND	730	540	ug/kg	74	25	SW846 8270C
2,4-Dimethylphenol	ND	730	360	ug/kg	49		SW846 8270C
	ND	730	490	ug/kg	66	29	SW846 8270C
Dimethyl phthalate	ND	730	420	ug/kg	57		SW846 8270C
	ND	730	530	ug/kg	73	23	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	730	420	ug/kg	57		SW846 8270C
	ND	730	580	ug/kg	79 p	32	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	730	210	ug/kg	28		SW846 8270C
	ND	730	170	ug/kg	24	17	SW846 8270C
2,4-Dinitrophenol	ND	730	130	ug/kg	17		SW846 8270C
	ND	730	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:		a,p				
2,4-Dinitrotoluene	**ND**	**730**	**440**	**ug/kg**	**59**		**SW846 8270C**
	ND	**730**	**570**	**ug/kg**	**78**	**27**	**SW846 8270C**
2,6-Dinitrotoluene	ND	730	440	ug/kg	60		SW846 8270C
	ND	730	570	ug/kg	78	26	SW846 8270C
Di-n-octyl phthalate	ND	730	420	ug/kg	57		SW846 8270C
	ND	730	600	ug/kg	82 p	37	SW846 8270C
Fluoranthene	ND	730	430	ug/kg	59		SW846 8270C
	ND	730	550	ug/kg	76	25	SW846 8270C
Fluorene	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	500	ug/kg	68	20	SW846 8270C
Hexachlorobenzene	ND	730	390	ug/kg	53		SW846 8270C
	ND	730	510	ug/kg	69	27	SW846 8270C
Hexachlorobutadiene	ND	730	340	ug/kg	46		SW846 8270C
	ND	730	400	ug/kg	55	17	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	310	ug/kg	43	1.1	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	730	380	ug/kg	52		SW846 8270C
	ND	730	550	ug/kg	75 p	36	SW846 8270C
Isophorone	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	540	ug/kg	74	30	SW846 8270C
2-Methylnaphthalene	ND	730	390	ug/kg	53		SW846 8270C
	ND	730	500	ug/kg	68	25	SW846 8270C
2-Methylphenol	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	500	ug/kg	68	20	SW846 8270C
4-Methylphenol	ND	1500	730	ug/kg	50		SW846 8270C
	ND	1500	950	ug/kg	65	26	SW846 8270C
Naphthalene	ND	730	340	ug/kg	47		SW846 8270C
	ND	730	420	ug/kg	57	20	SW846 8270C
2-Nitroaniline	ND	730	420	ug/kg	58		SW846 8270C
	ND	730	610	ug/kg	83 p	35	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	730	370	ug/kg	50		SW846 8270C
	ND	730	510	ug/kg	69 p	31	SW846 8270C
4-Nitroaniline	ND	730	440	ug/kg	60		SW846 8270C
	ND	730	640	ug/kg	87 p	36	SW846 8270C
Nitrobenzene	ND	730	360	ug/kg	50		SW846 8270C
	ND	730	490	ug/kg	67	29	SW846 8270C
2-Nitrophenol	ND	730	340	ug/kg	46		SW846 8270C
	ND	730	460	ug/kg	63 p	31	SW846 8270C
4-Nitrophenol	**ND**	**730**	**290**	**ug/kg**	**40**		**SW846 8270C**
	ND	**730**	**430**	**ug/kg**	**59 p**	**39**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**730**	**380**	**ug/kg**	**52**		**SW846 8270C**
	ND	**730**	**490**	**ug/kg**	**67**	**25**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	730	420	ug/kg	58		SW846 8270C
	ND	730	560	ug/kg	77	28	SW846 8270C
Pentachlorophenol	**ND**	**730**	**95**	**ug/kg**	**13**		**SW846 8270C**
	ND	**730**	**130**	**ug/kg**	**17**	**28**	**SW846 8270C**
Phenanthrene	ND	730	400	ug/kg	55		SW846 8270C
	ND	730	500	ug/kg	69	23	SW846 8270C
Phenol	**ND**	**730**	**390**	**ug/kg**	**53**		**SW846 8270C**
	ND	**730**	**500**	**ug/kg**	**69**	**26**	**SW846 8270C**
Pyrene	**ND**	**730**	**410**	**ug/kg**	**56**		**SW846 8270C**
	ND	**730**	**560**	**ug/kg**	**77 p**	**31**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	730	360	ug/kg	48		SW846 8270C
	ND	730	480	ug/kg	65	29	SW846 8270C
2,4,6-Trichloro-phenol	ND	730	340	ug/kg	46		SW846 8270C
	ND	730	460	ug/kg	63	30	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
	59	(24 - 112)
2-Fluorobiphenyl	52	(34 - 110)
	64	(34 - 110)
Terphenyl-d14	59	(41 - 119)
	77	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	50	(28 - 110)
	64	(28 - 110)
2-Fluorophenol	49	(26 - 110)
	60	(26 - 110)
2,4,6-Tribromophenol	44	(10 - 118)
	62	(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 #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288034
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	51	(25 - 124)			SW846 8270C
	64	(25 - 124)	22	(0-30)	SW846 8270C
Pyridine	34	(10 - 110)			SW846 8270C
	31	(10 - 110)	7.6	(0-30)	SW846 8270C
Acenaphthene	**55**	**(10 - 200)**			**SW846 8270C**
	74	**(10 - 200)**	**29**	**(0-30)**	**SW846 8270C**
Acenaphthylene	52	(10 - 200)			SW846 8270C
	69	(10 - 200)	28	(0-30)	SW846 8270C
Acetophenone	48 a	(50 - 130)			SW846 8270C
	58	(50 - 130)	20	(0-30)	SW846 8270C
Anthracene	54	(10 - 200)			SW846 8270C
	72	(10 - 200)	28	(0-30)	SW846 8270C
Atrazine	64	(50 - 130)			SW846 8270C
	92 p	(50 - 130)	37	(0-30)	SW846 8270C
Benzo(a)anthracene	54	(10 - 200)			SW846 8270C
	72	(10 - 200)	29	(0-30)	SW846 8270C
Benzo(a)pyrene	53	(10 - 200)			SW846 8270C
	75 p	(10 - 200)	33	(0-30)	SW846 8270C
Benzo(b)fluoranthene	51	(10 - 200)			SW846 8270C
	72 p	(10 - 200)	33	(0-30)	SW846 8270C
Benzo(ghi)perylene	51	(10 - 200)			SW846 8270C
	74 p	(10 - 200)	36	(0-30)	SW846 8270C
Benzo(k)fluoranthene	55	(10 - 200)			SW846 8270C
	74	(10 - 200)	29	(0-30)	SW846 8270C
Benzaldehyde	51	(10 - 130)			SW846 8270C
	59	(10 - 130)	14	(0-30)	SW846 8270C
1,1'-Biphenyl	55	(50 - 130)			SW846 8270C
	69	(50 - 130)	22	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	51	(36 - 110)			SW846 8270C
	66	(36 - 110)	24	(0-30)	SW846 8270C
bis(2-Chloroethyl)- ether	52	(32 - 118)			SW846 8270C
	57	(32 - 118)	7.8	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	58	(10 - 200)			SW846 8270C
	78	(10 - 200)	30	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	55	(44 - 120)			SW846 8270C
	77 p	(44 - 120)	32	(0-30)	SW846 8270C
Butyl benzyl phthalate	58	(43 - 138)			SW846 8270C
	80 p	(43 - 138)	31	(0-30)	SW846 8270C
Caprolactam	45 a	(50 - 130)			SW846 8270C
	59	(50 - 130)	27	(0-30)	SW846 8270C
Carbazole	55	(10 - 162)			SW846 8270C
	76 p	(10 - 162)	31	(0-30)	SW846 8270C
4-Chloroaniline	39	(11 - 110)			SW846 8270C
	47	(11 - 110)	19	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**49**	**(32 - 117)**			**SW846 8270C**
	73 p	**(32 - 117)**	**39**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	54	(40 - 110)			SW846 8270C
	67	(40 - 110)	22	(0-30)	SW846 8270C
2-Chlorophenol	**50**	**(32 - 110)**			**SW846 8270C**
	59	**(32 - 110)**	**16**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	60	(47 - 116)			SW846 8270C
	71	(47 - 116)	17	(0-30)	SW846 8270C
Chrysene	56	(10 - 200)			SW846 8270C
	72	(10 - 200)	25	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	52	(10 - 200)			SW846 8270C
	77 p	(10 - 200)	38	(0-30)	SW846 8270C
Dibenzofuran	55	(10 - 200)			SW846 8270C
	68	(10 - 200)	21	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	34	(10 - 110)			SW846 8270C
	48 p	(10 - 110)	32	(0-30)	SW846 8270C
2,4-Dichlorophenol	48	(33 - 110)			SW846 8270C
	68 p	(33 - 110)	35	(0-30)	SW846 8270C
Diethyl phthalate	57	(48 - 118)			SW846 8270C
	74	(48 - 118)	25	(0-30)	SW846 8270C
2,4-Dimethylphenol	49	(19 - 114)			SW846 8270C
	66	(19 - 114)	29	(0-30)	SW846 8270C
Dimethyl phthalate	57	(47 - 116)			SW846 8270C
	73	(47 - 116)	23	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	57	(31 - 145)			SW846 8270C
	79 p	(31 - 145)	32	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	28	(10 - 110)			SW846 8270C
	24	(10 - 110)	17	(0-30)	SW846 8270C
2,4-Dinitrophenol	17	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**59**	**(42 - 118)**			**SW846 8270C**
	78	**(42 - 118)**	**27**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	60	(28 - 137)			SW846 8270C
	78	(28 - 137)	26	(0-30)	SW846 8270C
Di-n-octyl phthalate	57	(10 - 182)			SW846 8270C
	82 p	(10 - 182)	37	(0-30)	SW846 8270C
Fluoranthene	59	(10 - 200)			SW846 8270C
	76	(10 - 200)	25	(0-30)	SW846 8270C
Fluorene	55	(10 - 187)			SW846 8270C
	68	(10 - 187)	20	(0-30)	SW846 8270C
Hexachlorobenzene	53	(37 - 122)			SW846 8270C
	69	(37 - 122)	27	(0-30)	SW846 8270C
Hexachlorobutadiene	46	(30 - 110)			SW846 8270C
	55	(30 - 110)	17	(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
	43	(13 - 110)	1.1	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	52	(10 - 200)			SW846 8270C
	75 p	(10 - 200)	36	(0-30)	SW846 8270C
Isophorone	55	(32 - 129)			SW846 8270C
	74	(32 - 129)	30	(0-30)	SW846 8270C
2-Methylnaphthalene	53	(10 - 200)			SW846 8270C
	68	(10 - 200)	25	(0-30)	SW846 8270C
2-Methylphenol	55	(19 - 124)			SW846 8270C
	68	(19 - 124)	20	(0-30)	SW846 8270C
4-Methylphenol	50	(27 - 116)			SW846 8270C
	65	(27 - 116)	26	(0-30)	SW846 8270C
Naphthalene	47	(10 - 200)			SW846 8270C
	57	(10 - 200)	20	(0-30)	SW846 8270C
2-Nitroaniline	58	(31 - 141)			SW846 8270C
	83 p	(31 - 141)	35	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	50	(24 - 110)			SW846 8270C
	69 p	(24 - 110)	31	(0-30)	SW846 8270C
4-Nitroaniline	60	(23 - 124)			SW846 8270C
	87 p	(23 - 124)	36	(0-30)	SW846 8270C
Nitrobenzene	50	(33 - 111)			SW846 8270C
	67	(33 - 111)	29	(0-30)	SW846 8270C
2-Nitrophenol	46	(17 - 110)			SW846 8270C
	63 p	(17 - 110)	31	(0-30)	SW846 8270C
4-Nitrophenol	**40**	**(10 - 125)**			**SW846 8270C**
	59 p	**(10 - 125)**	**39**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**52**	**(30 - 121)**			**SW846 8270C**
	67	**(30 - 121)**	**25**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	58	(10 - 169)			SW846 8270C
	77	(10 - 169)	28	(0-30)	SW846 8270C
Pentachlorophenol	**13**	**(10 - 182)**			**SW846 8270C**
	17	**(10 - 182)**	**28**	**(0-30)**	**SW846 8270C**
Phenanthrene	55	(10 - 200)			SW846 8270C
	69	(10 - 200)	23	(0-30)	SW846 8270C
Phenol	**53**	**(10 - 144)**			**SW846 8270C**
	69	**(10 - 144)**	**26**	**(0-30)**	**SW846 8270C**
Pyrene	**56**	**(10 - 200)**			**SW846 8270C**
	77 p	**(10 - 200)**	**31**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	48	(32 - 112)			SW846 8270C
	65	(32 - 112)	29	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	46	(22 - 110)			SW846 8270C
	63	(22 - 110)	30	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	50	(24 - 112)
	59	(24 - 112)
2-Fluorobiphenyl	52	(34 - 110)
	64	(34 - 110)
Terphenyl-d14	59	(41 - 119)
	77	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1AU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1AV-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	50	(28 - 110)
	64	(28 - 110)
2-Fluorophenol	49	(26 - 110)
	60	(26 - 110)
2,4,6-Tribromophenol	44	(10 - 118)
	62	(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 #...: A7J120137 **Work Order #...:** J80KW1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J150000-044

Prep Date.....: 10/15/07
Analysis Date..: 10/19/07 **Prep Batch #...:** 7288044
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	117	(10 - 196)
Decachlorobiphenyl	82	(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 #...: A7J120137 **Work Order #...:** J80KW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-044
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**300**	**ug/kg**	**89**	**SW846 8082**
Aroclor 1260	**330**	**290**	**ug/kg**	**87**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	7.6 *	(10 - 196)
Decachlorobiphenyl	4.1 *	(10 - 199)

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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J80KW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-044
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**89**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**87**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	7.6 *	(10 - 196)
Decachlorobiphenyl	4.1 *	(10 - 199)

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.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1F8-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1F9-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**280**	**ug/kg**	**77**		**SW846 8082**
	ND	**370**	**300**	**ug/kg**	**82**	**6.2**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**260**	**ug/kg**	**71**		**SW846 8082**
	ND	**370**	**280**	**ug/kg**	**76**	**6.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	6.7 *	(10 - 196)
	6.9 *	(10 - 196)
Decachlorobiphenyl	3.2 *	(10 - 199)
	3.4 *	(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.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J120137 **Work Order #...:** J8R2Q1F8-MS **Matrix.....:** SO
MS Lot-Sample #: A7J120137-002 J8R2Q1F9-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**77**	**(10 - 199)**			**SW846 8082**
	82	**(10 - 199)**	**6.2**	**(0-30)**	**SW846 8082**
Aroclor 1260	**71**	**(10 - 199)**			**SW846 8082**
	76	**(10 - 199)**	**6.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	6.7 *	(10 - 196)
	6.9 *	(10 - 196)
Decachlorobiphenyl	3.2 *	(10 - 199)
	3.4 *	(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.

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J150000-025 **Prep Batch #...:** 7288025						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/15/07	J80KC1AH
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	10/15-10/16/07	J80KC1A2
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AA
		Dilution Factor: 1				
Barium	**0.082 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AJ**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/15/07	J80KC1AK
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/15/07	J80KC1AL
		Dilution Factor: 1				
Calcium	**23.0 B**	**400**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AM**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/15/07	J80KC1A0
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/15/07	J80KC1AN
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/15/07	J80KC1AP
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/15/07	J80KC1AQ
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/15/07	J80KC1A1
		Dilution Factor: 1				
Magnesium	**5.7 B**	**80.0**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AR**
		Dilution Factor: 1				
Manganese	**0.10 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AT**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/15/07	J80KC1AG
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/15/07	J80KC1AU
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	10/15/07	J80KC1AV
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AC
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AD
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/15/07	J80KC1AW
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AE
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/15/07	J80KC1AX
		Dilution Factor: 1				
Zinc	**0.60 B**	**0.80**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J80KC1AF**
		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 #...: A7J120137 **Matrix.....:** SOLID

LCS Lot-Sample#: A7J150000-025 **Prep Batch #...:** 7288025

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Arsenic	10.0	8.9	mg/kg	89	SW846 6020	10/15-10/16/07	J80KC1A3
			Dilution Factor: 1				
Selenium	10.0	9.1	mg/kg	91	SW846 6020	10/15-10/16/07	J80KC1A4
			Dilution Factor: 1				
Silver	5.0	5.0	mg/kg	100	SW846 6020	10/15-10/16/07	J80KC1A5
			Dilution Factor: 10				
Thallium	10.0	8.7	mg/kg	87	SW846 6020	10/15-10/16/07	J80KC1A6
			Dilution Factor: 1				
Zinc	10.0	9.5	mg/kg	95	SW846 6020	10/15-10/16/07	J80KC1A7
			Dilution Factor: 1				
Mercury	0.83	0.84	mg/kg	100	SW846 7471A	10/15/07	J80KC1A8
			Dilution Factor: 1				
Aluminum	200	189	mg/kg	95	SW846 6010B	10/15/07	J80KC1A9
			Dilution Factor: 1				
Barium	200	195	mg/kg	97	SW846 6010B	10/15/07	J80KC1CA
			Dilution Factor: 1				
Beryllium	5.0	4.9	mg/kg	98	SW846 6010B	10/15/07	J80KC1CC
			Dilution Factor: 1				
Cadmium	5.0	4.9	mg/kg	98	SW846 6010B	10/15/07	J80KC1CD
			Dilution Factor: 1				
Calcium	5000	4950	mg/kg	99	SW846 6010B	10/15/07	J80KC1CE
			Dilution Factor: 1				
Cobalt	50.0	49.9	mg/kg	100	SW846 6010B	10/15/07	J80KC1CF
			Dilution Factor: 1				
Copper	25.0	24.2	mg/kg	97	SW846 6010B	10/15/07	J80KC1CG
			Dilution Factor: 1				
Iron	100	106	mg/kg	106	SW846 6010B	10/15/07	J80KC1CH
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5000	5000	mg/kg	100	SW846 6010B	10/15/07	J80KC1CJ
			Dilution Factor: 1				
Manganese	50.0	50.1	mg/kg	100	SW846 6010B	10/15/07	J80KC1CK
			Dilution Factor: 1				
Nickel	50.0	50.3	mg/kg	101	SW846 6010B	10/15/07	J80KC1CL
			Dilution Factor: 1				
Potassium	5000	4770	mg/kg	95	SW846 6010B	10/15/07	J80KC1CM
			Dilution Factor: 1				
Sodium	5000	4620	mg/kg	92	SW846 6010B	10/15/07	J80KC1CN
			Dilution Factor: 1				
Vanadium	50.0	48.5	mg/kg	97	SW846 6010B	10/15/07	J80KC1CP
			Dilution Factor: 1				
Chromium	20.0	19.8	mg/kg	99	SW846 6010B	10/15/07	J80KC1CQ
			Dilution Factor: 1				
Lead	50.0	48.5	mg/kg	97	SW846 6010B	10/15/07	J80KC1CR
			Dilution Factor: 1				
Antimony	50.0	49.3	mg/kg	99	SW846 6020	10/15-10/16/07	J80KC1CT
			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 #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J150000-025 **Prep Batch #...:** 7288025					
Arsenic	89	(73 - 110)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A3
Selenium	91	(73 - 110)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A4
Silver	100	(80 - 120)	SW846 6020 Dilution Factor: 10	10/15-10/16/07	J80KC1A5
Thallium	87	(71 - 110)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A6
Zinc	95	(72 - 113)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A7
Mercury	100	(81 - 116)	SW846 7471A Dilution Factor: 1	10/15/07	J80KC1A8
Aluminum	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1A9
Barium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CA
Beryllium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CC
Cadmium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CD
Calcium	99	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CE
Cobalt	100	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CF
Copper	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CG
Iron	106	(73 - 137)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CH

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	100	(80 - 120)	SW846 6010B	10/15/07	J80KC1CJ
		Dilution Factor: 1			
Manganese	100	(80 - 120)	SW846 6010B	10/15/07	J80KC1CK
		Dilution Factor: 1			
Nickel	101	(80 - 120)	SW846 6010B	10/15/07	J80KC1CL
		Dilution Factor: 1			
Potassium	95	(80 - 120)	SW846 6010B	10/15/07	J80KC1CM
		Dilution Factor: 1			
Sodium	92	(80 - 120)	SW846 6010B	10/15/07	J80KC1CN
		Dilution Factor: 1			
Vanadium	97	(80 - 120)	SW846 6010B	10/15/07	J80KC1CP
		Dilution Factor: 1			
Chromium	99	(80 - 120)	SW846 6010B	10/15/07	J80KC1CQ
		Dilution Factor: 1			
Lead	97	(80 - 120)	SW846 6010B	10/15/07	J80KC1CR
		Dilution Factor: 1			
Antimony	99	(80 - 120)	SW846 6020	10/15-10/16/07	J80KC1CT
		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 #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J120137-002 **Prep Batch #...:** 7288025									
Aluminum									
	3730	220	6560	mg/kg			SW846 6010B	10/15/07	J8R2Q1CK
			Qualifiers: NC,MSB						
	3730	220	5800	mg/kg			SW846 6010B	10/15/07	J8R2Q1CL
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.086	55.0	34.6 N	mg/kg	63		SW846 6020	10/15-10/16/07	J8R2Q1D6
	0.086	55.0	37.7 N	mg/kg	68	8.8	SW846 6020	10/15-10/16/07	J8R2Q1D7
			Dilution Factor: 10						
Arsenic									
	3.3	11.0	12.7	mg/kg	86		SW846 6020	10/15-10/16/07	J8R2Q1AC
	3.3	11.0	11.9	mg/kg	78	6.6	SW846 6020	10/15-10/16/07	J8R2Q1AD
			Dilution Factor: 1						
Barium									
	23.5	220	237	mg/kg	97		SW846 6010B	10/15/07	J8R2Q1CN
	23.5	220	231	mg/kg	94	2.5	SW846 6010B	10/15/07	J8R2Q1CP
			Dilution Factor: 1						
Beryllium									
	ND	5.5	5.0	mg/kg	91		SW846 6010B	10/15/07	J8R2Q1CR
	ND	5.5	5.0	mg/kg	92	0.81	SW846 6010B	10/15/07	J8R2Q1CT
			Dilution Factor: 1						
Cadmium									
	ND	5.5	4.8	mg/kg	88		SW846 6010B	10/15/07	J8R2Q1CV
	ND	5.5	4.9	mg/kg	90	2.3	SW846 6010B	10/15/07	J8R2Q1CW
			Dilution Factor: 1						
Calcium									
	83600	5500	79500	mg/kg			SW846 6010B	10/15-10/16/07	J8R2Q1C0
			Qualifiers: NC,MSB						
	83600	5500	66800	mg/kg			SW846 6010B	10/15-10/16/07	J8R2Q1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	8.0	22.0	31.1	mg/kg	105		SW846 6010B	10/15/07	J8R2Q1D0
	8.0	22.0	30.4	mg/kg	102	2.3	SW846 6010B	10/15/07	J8R2Q1D1
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	4.3	55.0	55.0	mg/kg	92		SW846 6010B	10/15/07	J8R2Q1C3
	4.3	55.0	55.6	mg/kg	93	1.2	SW846 6010B	10/15/07	J8R2Q1C4
			Dilution Factor: 1						
Copper									
	9.4	27.5	38.9	mg/kg	107		SW846 6010B	10/15/07	J8R2Q1C6
	9.4	27.5	39.1	mg/kg	108	0.48	SW846 6010B	10/15/07	J8R2Q1C7
			Dilution Factor: 1						
Iron									
	8960	110	10700	mg/kg			SW846 6010B	10/15/07	J8R2Q1C9
			Qualifiers: NC,MSB						
	8960	110	11800	mg/kg			SW846 6010B	10/15/07	J8R2Q1DA
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	5.3	55.0	52.8	mg/kg	86		SW846 6010B	10/15/07	J8R2Q1D3
	5.3	55.0	54.3	mg/kg	89	2.8	SW846 6010B	10/15/07	J8R2Q1D4
			Dilution Factor: 1						
Magnesium									
	23200	5500	25700	mg/kg			SW846 6010B	10/15/07	J8R2Q1DD
			Qualifiers: NC,MSB						
	23200	5500	22500	mg/kg			SW846 6010B	10/15/07	J8R2Q1DE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Manganese									
	235	55.0	300	mg/kg			SW846 6010B	10/15/07	J8R2Q1DG
			Qualifiers: NC,MSB						
	235	55.0	366	mg/kg			SW846 6010B	10/15/07	J8R2Q1DH
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.014	0.18	0.14	mg/kg	70		SW846 7471A	10/15/07	J8R2Q1CG
	0.014	0.18	0.20 *	mg/kg	103	35	SW846 7471A	10/15/07	J8R2Q1CH
			Dilution Factor: 1						
Nickel									
	11.3	55.0	62.1	mg/kg	92		SW846 6010B	10/15/07	J8R2Q1DK
	11.3	55.0	64.8	mg/kg	97	4.2	SW846 6010B	10/15/07	J8R2Q1DL
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	919	5500	6740	mg/kg	106		SW846 6010B	10/15/07	J8R2Q1DN
	919	5500	6270	mg/kg	97	7.2	SW846 6010B	10/15/07	J8R2Q1DP
			Dilution Factor: 1						
Selenium									
	0.34	11.0	9.6	mg/kg	84		SW846 6020	10/15-10/16/07	J8R2Q1AF
	0.34	11.0	9.0	mg/kg	79	5.6	SW846 6020	10/15-10/16/07	J8R2Q1AG
			Dilution Factor: 1						
Silver									
	0.059	5.5	5.3	mg/kg	95		SW846 6020	10/15-10/16/07	J8R2Q1AJ
	0.059	5.5	5.3	mg/kg	94	0.72	SW846 6020	10/15-10/16/07	J8R2Q1AK
			Dilution Factor: 10						
Sodium									
	115	5500	5030	mg/kg	89		SW846 6010B	10/15/07	J8R2Q1DR
	115	5500	5000	mg/kg	89	0.69	SW846 6010B	10/15/07	J8R2Q1DT
			Dilution Factor: 1						
Thallium									
	0.14	11.0	9.2	mg/kg	82		SW846 6020	10/15-10/16/07	J8R2Q1AM
	0.14	11.0	9.0	mg/kg	80	2.1	SW846 6020	10/15-10/16/07	J8R2Q1AN
			Dilution Factor: 1						
Vanadium									
	12.4	55.0	68.5	mg/kg	102		SW846 6010B	10/15/07	J8R2Q1DV
	12.4	55.0	65.0	mg/kg	96	5.2	SW846 6010B	10/15/07	J8R2Q1DW
			Dilution Factor: 1						
Zinc									
	8.6	11.0	40.9 N	mg/kg	293		SW846 6020	10/15-10/16/07	J8R2Q1AQ
	8.6	11.0	30.2 *	mg/kg	195	30	SW846 6020	10/15-10/16/07	J8R2Q1AR
			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 #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J120137-002 **Prep Batch #...:** 7288025							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CK
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1CL
		Dilution Factor: 1					
Antimony	63 N	(75 - 125)			SW846 6020	10/15-10/16/07	J8R2Q1D6
	68 N	(75 - 125)	8.8	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1D7
		Dilution Factor: 10					
Arsenic	86	(23 - 131)			SW846 6020	10/15-10/16/07	J8R2Q1AC
	78	(23 - 131)	6.6	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AD
		Dilution Factor: 1					
Barium	97	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CN
	94	(75 - 125)	2.5	(0-20)	SW846 6010B	10/15/07	J8R2Q1CP
		Dilution Factor: 1					
Beryllium	91	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CR
	92	(75 - 125)	0.81	(0-20)	SW846 6010B	10/15/07	J8R2Q1CT
		Dilution Factor: 1					
Cadmium	88	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CV
	90	(75 - 125)	2.3	(0-20)	SW846 6010B	10/15/07	J8R2Q1CW
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/15-10/16/07	J8R2Q1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15-10/16/07	J8R2Q1C1
		Dilution Factor: 5					
Chromium	105	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1D0
	102	(75 - 125)	2.3	(0-20)	SW846 6010B	10/15/07	J8R2Q1D1
		Dilution Factor: 1					
Cobalt	92	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1C3
	93	(75 - 125)	1.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1C4
		Dilution Factor: 1					
Copper	107	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1C6
	108	(75 - 125)	0.48	(0-20)	SW846 6010B	10/15/07	J8R2Q1C7
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1C9
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1DA
		Dilution Factor: 1					
Lead	86	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1D3
	89	(75 - 125)	2.8	(0-20)	SW846 6010B	10/15/07	J8R2Q1D4
		Dilution Factor: 1					
Magnesium	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1DE
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DG
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1DH
		Dilution Factor: 1					
Mercury	70	(11 - 192)			SW846 7471A	10/15/07	J8R2Q1CG
	103 *	(11 - 192)	35	(0-20)	SW846 7471A	10/15/07	J8R2Q1CH
		Dilution Factor: 1					
Nickel	92	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DK
	97	(75 - 125)	4.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1DL
		Dilution Factor: 1					
Potassium	106	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DN
	97	(75 - 125)	7.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1DP
		Dilution Factor: 1					
Selenium	84	(39 - 116)			SW846 6020	10/15-10/16/07	J8R2Q1AF
	79	(39 - 116)	5.6	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AG
		Dilution Factor: 1					
Silver	95	(75 - 125)			SW846 6020	10/15-10/16/07	J8R2Q1AJ
	94	(75 - 125)	0.72	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AK
		Dilution Factor: 10					
Sodium	89	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DR
	89	(75 - 125)	0.69	(0-20)	SW846 6010B	10/15/07	J8R2Q1DT
		Dilution Factor: 1					
Thallium	82	(62 - 110)			SW846 6020	10/15-10/16/07	J8R2Q1AM
	80	(62 - 110)	2.1	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AN
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	102	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DV
	96	(75 - 125)	5.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1DW
		Dilution Factor: 1					
Zinc	293 N	(10 - 199)			SW846 6020	10/15-10/16/07	J8R2Q1AQ
	195 *	(10 - 199)	30	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AR
		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 #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J81181AA		MB Lot-Sample #:	A7J150000-440	
	ND	0.20	mg/kg	SW846 9012A	10/15/07	7288440
		Dilution Factor: 1				
Hexavalent Chromium		Work Order #: J878T1AA		MB Lot-Sample #:	A7J160000-491	
	ND	0.80	mg/kg	SW846 7196A	10/16-10/17/07	7289491
		Dilution Factor: 1				
Percent Solids		Work Order #: J9AT41AA		MB Lot-Sample #:	A7J180000-526	
	ND	10.0	%	MCAWW 160.3 MOD	10/18-10/19/07	7291526
		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 #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: J81181AC		LCS Lot-Sample#: A7J150000-440		
	18.5	14.5	mg/kg	78	SW846 9012A	10/15/07	7288440
			Dilution Factor: 1				
Hexavalent Chromium			Work Order #: J878T1AC		LCS Lot-Sample#: A7J160000-491		
	644	750	mg/kg	116	SW846 7196A	10/16-10/17/07	7289491
			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 #...: A7J120137 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J81181AC	LCS Lot-Sample#: A7J150000-440		
	78	(68 - 123)	SW846 9012A	10/15/07	7288440
		Dilution Factor: 1			
Hexavalent Chromium		Work Order #: J878T1AC	LCS Lot-Sample#: A7J160000-491		
	116	(10 - 200)	SW846 7196A	10/16-10/17/07	7289491
		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 #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: J8R2Q1A5-MS/J8R2Q1A6-MSD				MS Lot-Sample #: A7J120137-002		
	0.68	2.2	1.9	mg/kg	54		SW846 9012A	10/15/07	7288440
	0.68	2.2	2.0	mg/kg	60	6.6	SW846 9012A	10/15/07	7288440
			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 #...: A7J120137 **Matrix.....:** SO
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: J8R2Q1A5-MS/J8R2Q1A6-MSD				MS Lot-Sample #: A7J120137-002	
	54	(50 - 134)			SW846 9012A	10/15/07	7288440
	60	(50 - 134)	6.6	(0-20)	SW846 9012A	10/15/07	7288440

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 #...: A7J120137 **Work Order #...:** J8R2W-SMP **Matrix.....:** SO
J8R2W-DUP
Date Sampled...: 10/11/07 16:15 **Date Received..:** 10/12/07
% Moisture.....: 12

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J120137-003		
	87.7	87.5	%	0.21	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291526

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J120137 **Work Order #...:** J8WTC-SMP **Matrix.....:** SOLID
J8WTC-DUP
Date Sampled...: 10/10/07 12:00 **Date Received..:** 10/12/07
% Moisture.....: 73

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J120402-002		
	27.0	26.1	%	3.4	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291526

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J130121

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 22, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J130121

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101207-CB-033 10/12/07 08:00 001				
Trivalent Chromium	9.8	0.44	mg/kg	SW846 7196A
Silver	0.067 B	0.088	mg/kg	SW846 6020
Arsenic	5.9	0.088	mg/kg	SW846 6020
Antimony	0.095 B	0.18	mg/kg	SW846 6020
Thallium	0.11	0.088	mg/kg	SW846 6020
Zinc	28.7 J	0.88	mg/kg	SW846 6020
Mercury	0.015 B	0.044	mg/kg	SW846 7471A
Aluminum	6030	17.7	mg/kg	SW846 6010B
Barium	34.5 J	0.88	mg/kg	SW846 6010B
Calcium	65000 J	2210	mg/kg	SW846 6010B
Cobalt	5.9	0.44	mg/kg	SW846 6010B
Chromium	11.6	0.44	mg/kg	SW846 6010B
Copper	12.0	0.88	mg/kg	SW846 6010B
Iron	13400	8.8	mg/kg	SW846 6010B
Potassium	1120	442	mg/kg	SW846 6010B
Magnesium	22300 J	88.4	mg/kg	SW846 6010B
Manganese	269 J	0.88	mg/kg	SW846 6010B
Sodium	521	88.4	mg/kg	SW846 6010B
Nickel	14.3	0.88	mg/kg	SW846 6010B
Lead	5.5	0.27	mg/kg	SW846 6010B
Vanadium	18.0	0.88	mg/kg	SW846 6010B
Hexavalent Chromium	1.8	0.88	mg/kg	SW846 7196A
Percent Solids	90.5	10.0	%	MCAWW 160.3 MOD
SO-17322-101207-CB-037 10/12/07 09:40 002				
Trivalent Chromium	9.1	0.44	mg/kg	SW846 7196A
Silver	0.063 B	0.087	mg/kg	SW846 6020
Arsenic	5.3	0.087	mg/kg	SW846 6020
Antimony	0.13 B	0.17	mg/kg	SW846 6020
Selenium	0.17 B	0.19	mg/kg	SW846 6020
Thallium	0.15	0.087	mg/kg	SW846 6020
Zinc	34.4 J	0.87	mg/kg	SW846 6020
Mercury	0.027 B	0.044	mg/kg	SW846 7471A
Aluminum	4550	17.5	mg/kg	SW846 6010B
Barium	24.6 J	0.87	mg/kg	SW846 6010B
Calcium	74400 J	2180	mg/kg	SW846 6010B
Cobalt	4.6	0.44	mg/kg	SW846 6010B
Chromium	9.9	0.44	mg/kg	SW846 6010B
Copper	14.0	0.87	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101207-CB-037 10/12/07 09:40 002				
Iron	10100	8.7	mg/kg	SW846 6010B
Potassium	773	437	mg/kg	SW846 6010B
Magnesium	11000 J	87.3	mg/kg	SW846 6010B
Manganese	275 J	0.87	mg/kg	SW846 6010B
Sodium	494	87.3	mg/kg	SW846 6010B
Nickel	13.8	0.87	mg/kg	SW846 6010B
Lead	18.8	0.26	mg/kg	SW846 6010B
Vanadium	13.7	0.87	mg/kg	SW846 6010B
Anthracene	17	7.3	ug/kg	SW846 8270C
Benzo(a)anthracene	150	7.3	ug/kg	SW846 8270C
Benzo(a)pyrene	180	7.3	ug/kg	SW846 8270C
Benzo(b)fluoranthene	180	7.3	ug/kg	SW846 8270C
Benzo(ghi)perylene	140	7.3	ug/kg	SW846 8270C
Benzo(k)fluoranthene	200	7.3	ug/kg	SW846 8270C
Chrysene	210	7.3	ug/kg	SW846 8270C
Fluoranthene	260	7.3	ug/kg	SW846 8270C
Fluorene	7.6	7.3	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	7.3	ug/kg	SW846 8270C
2-Methylnaphthalene	41	7.3	ug/kg	SW846 8270C
Naphthalene	74	7.3	ug/kg	SW846 8270C
Phenanthrene	72	7.3	ug/kg	SW846 8270C
Pyrene	200	7.3	ug/kg	SW846 8270C
Acetone	15 J	18	ug/kg	SW846 8260B
Methylene chloride	1.1 J	4.4	ug/kg	SW846 8260B
Hexavalent Chromium	0.76 B	0.87	mg/kg	SW846 7196A
Percent Solids	91.6	10.0	%	MCAWW 160.3 MOD
SO-17322-101207-CB-036 10/12/07 09:30 003				
Aroclor 1254	17 J	36	ug/kg	SW846 8082
Trivalent Chromium	7.5	0.44	mg/kg	SW846 7196A
Silver	0.062 B	0.088	mg/kg	SW846 6020
Arsenic	5.0	0.088	mg/kg	SW846 6020
Antimony	0.16 B	0.18	mg/kg	SW846 6020
Thallium	0.18	0.088	mg/kg	SW846 6020
Zinc	33.7 J	0.88	mg/kg	SW846 6020
Mercury	0.032 B	0.044	mg/kg	SW846 7471A
Aluminum	5220	17.6	mg/kg	SW846 6010B
Barium	26.4 J	0.88	mg/kg	SW846 6010B
Calcium	54700 J	439	mg/kg	SW846 6010B
Cobalt	5.2	0.44	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J130121

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101207-CB-036 10/12/07 09:30 003				
Chromium	9.7	0.44	mg/kg	SW846 6010B
Copper	15.5	0.88	mg/kg	SW846 6010B
Iron	11100	8.8	mg/kg	SW846 6010B
Potassium	889	439	mg/kg	SW846 6010B
Magnesium	15600 J	87.8	mg/kg	SW846 6010B
Manganese	304 J	0.88	mg/kg	SW846 6010B
Sodium	569	87.8	mg/kg	SW846 6010B
Nickel	13.8	0.88	mg/kg	SW846 6010B
Lead	13.2	0.26	mg/kg	SW846 6010B
Vanadium	15.1	0.88	mg/kg	SW846 6010B
Anthracene	15	7.3	ug/kg	SW846 8270C
Benzo(a)anthracene	83	7.3	ug/kg	SW846 8270C
Benzo(a)pyrene	110	7.3	ug/kg	SW846 8270C
Benzo(b)fluoranthene	210	7.3	ug/kg	SW846 8270C
Benzo(ghi)perylene	120	7.3	ug/kg	SW846 8270C
Benzo(k)fluoranthene	68	7.3	ug/kg	SW846 8270C
Chrysene	120	7.3	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	33	7.3	ug/kg	SW846 8270C
Fluoranthene	130	7.3	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	82	7.3	ug/kg	SW846 8270C
2-Methylnaphthalene	20	7.3	ug/kg	SW846 8270C
Naphthalene	90	7.3	ug/kg	SW846 8270C
Phenanthrene	49	7.3	ug/kg	SW846 8270C
Pyrene	120	7.3	ug/kg	SW846 8270C
Acetone	17 J	18	ug/kg	SW846 8260B
2-Butanone	3.1 J	18	ug/kg	SW846 8260B
Methylene chloride	1.6 J	4.4	ug/kg	SW846 8260B
Hexavalent Chromium	2.3	0.88	mg/kg	SW846 7196A
Percent Solids	91.1	10.0	%	MCAWW 160.3 MOD
SO-17322-101207-CB-040 10/12/07 11:25 004				
Trivalent Chromium	5.4	0.43	mg/kg	SW846 7196A
Silver	0.044 B	0.086	mg/kg	SW846 6020
Arsenic	4.1	0.086	mg/kg	SW846 6020
Antimony	0.10 B	0.17	mg/kg	SW846 6020
Selenium	0.16 B	0.18	mg/kg	SW846 6020
Thallium	0.11	0.086	mg/kg	SW846 6020
Zinc	23.9 J	0.86	mg/kg	SW846 6020
Mercury	0.021 B	0.043	mg/kg	SW846 7471A
Aluminum	2520	17.3	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7J130121

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101207-CB-040 10/12/07 11:25 004				
Barium	12.6 J	0.86	mg/kg	SW846 6010B
Calcium	124000 J	2160	mg/kg	SW846 6010B
Cobalt	3.6	0.43	mg/kg	SW846 6010B
Chromium	8.1	0.43	mg/kg	SW846 6010B
Copper	11.4	0.86	mg/kg	SW846 6010B
Iron	7690	8.6	mg/kg	SW846 6010B
Potassium	505	432	mg/kg	SW846 6010B
Magnesium	22800 J	86.4	mg/kg	SW846 6010B
Manganese	276 J	0.86	mg/kg	SW846 6010B
Sodium	267	86.4	mg/kg	SW846 6010B
Nickel	9.4	0.86	mg/kg	SW846 6010B
Lead	6.0	0.26	mg/kg	SW846 6010B
Vanadium	10.2	0.86	mg/kg	SW846 6010B
Benzo(a)anthracene	23	7.2	ug/kg	SW846 8270C
Benzo(a)pyrene	19	7.2	ug/kg	SW846 8270C
Benzo(b)fluoranthene	23	7.2	ug/kg	SW846 8270C
Benzo(ghi)perylene	15	7.2	ug/kg	SW846 8270C
Benzo(k)fluoranthene	10	7.2	ug/kg	SW846 8270C
Chrysene	29	7.2	ug/kg	SW846 8270C
Fluoranthene	40	7.2	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	12	7.2	ug/kg	SW846 8270C
Phenanthrene	15	7.2	ug/kg	SW846 8270C
Pyrene	33	7.2	ug/kg	SW846 8270C
Methylene chloride	0.87 J	3.7	ug/kg	SW846 8260B
Hexavalent Chromium	2.6	0.86	mg/kg	SW846 7196A
Percent Solids	92.6	10.0	%	MCAWW 160.3 MOD
SO-17322-101207-CB-042 10/12/07 12:30 005				
Trivalent Chromium	5.1	0.42	mg/kg	SW846 7196A
Silver	0.043 B	0.085	mg/kg	SW846 6020
Arsenic	7.7	0.085	mg/kg	SW846 6020
Antimony	0.12 B	0.17	mg/kg	SW846 6020
Thallium	0.16	0.085	mg/kg	SW846 6020
Zinc	33.1 J	0.85	mg/kg	SW846 6020
Mercury	0.023 B	0.042	mg/kg	SW846 7471A
Aluminum	2390	17.0	mg/kg	SW846 6010B
Barium	15.0 J	0.85	mg/kg	SW846 6010B
Calcium	98800 J	2120	mg/kg	SW846 6010B
Cadmium	0.063 B	0.085	mg/kg	SW846 6010B
Cobalt	3.3	0.42	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7J130121

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101207-CB-042 10/12/07 12:30 005				
Chromium	6.3	0.42	mg/kg	SW846 6010B
Copper	10.2	0.85	mg/kg	SW846 6010B
Iron	7140	8.5	mg/kg	SW846 6010B
Potassium	458	424	mg/kg	SW846 6010B
Magnesium	27000 J	84.8	mg/kg	SW846 6010B
Manganese	263 J	0.85	mg/kg	SW846 6010B
Sodium	164	84.8	mg/kg	SW846 6010B
Nickel	8.4	0.85	mg/kg	SW846 6010B
Lead	10.3	0.25	mg/kg	SW846 6010B
Vanadium	8.9	0.85	mg/kg	SW846 6010B
Benzo(a)anthracene	16	7.1	ug/kg	SW846 8270C
Benzo(a)pyrene	18	7.1	ug/kg	SW846 8270C
Benzo(b)fluoranthene	26	7.1	ug/kg	SW846 8270C
Benzo(ghi)perylene	16	7.1	ug/kg	SW846 8270C
Benzo(k)fluoranthene	8.3	7.1	ug/kg	SW846 8270C
Chrysene	20	7.1	ug/kg	SW846 8270C
Fluoranthene	27	7.1	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	13	7.1	ug/kg	SW846 8270C
2-Methylnaphthalene	12	7.1	ug/kg	SW846 8270C
Naphthalene	8.9	7.1	ug/kg	SW846 8270C
Phenanthrene	14	7.1	ug/kg	SW846 8270C
Pyrene	25	7.1	ug/kg	SW846 8270C
Hexavalent Chromium	1.2	0.85	mg/kg	SW846 7196A
Percent Solids	94.3	10.0	%	MCAWW 160.3 MOD
TB-17322-101207-CB-002 10/12/07 007				
Methylene chloride	3.8 J	5.0	ug/kg	SW846 8260B

ANALYTICAL METHODS SUMMARY

A7J130121

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

A7J130121

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J8W90	001	SO-17322-101207-CB-033	10/12/07	08:00
J8W94	002	SO-17322-101207-CB-037	10/12/07	09:40
J8W96	003	SO-17322-101207-CB-036	10/12/07	09:30
J8W97	004	SO-17322-101207-CB-040	10/12/07	11:25
J8W98	005	SO-17322-101207-CB-042	10/12/07	12:30
J8XAC	007	TB-17322-101207-CB-002	10/12/07	

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-17322-101207-CB-033

GC/MS Volatiles

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W901AC **Matrix.....:** SO
Date Sampled...: 10/12/07 08:00 **Date Received..:** 10/13/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 0.86
% Moisture.....: 9.5 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	19	ug/kg	6.0
Benzene	ND	4.7	ug/kg	0.22
Bromodichloromethane	ND	4.7	ug/kg	0.27
Bromoform	ND	4.7	ug/kg	0.31
Bromomethane	ND	4.7	ug/kg	0.51
2-Butanone	ND	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	9.5	ug/kg	1.2
Chloroethane	ND	4.7	ug/kg	0.82
Chloroform	ND	4.7	ug/kg	0.28
Chloromethane	ND	4.7	ug/kg	0.39
Cyclohexane	ND	9.5	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	0.63
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	0.66
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	9.5	ug/kg	1.3
Methylcyclohexane	ND	9.5	ug/kg	0.29
Methylene chloride	ND	4.7	ug/kg	0.64
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-17322-101207-CB-033

GC/MS Volatiles

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W901AC **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	0.26
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	0.62
1,3,5-Trimethylbenzene	ND	4.7	ug/kg	0.24
Vinyl chloride	ND	4.7	ug/kg	0.37
Xylenes (total)	ND	9.5	ug/kg	0.64
Methyl tert-butyl ether	ND	19	ug/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	84	(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-17322-101207-CB-037

GC/MS Volatiles

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W941AN **Matrix.....:** SO
Date Sampled...: 10/12/07 09:40 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.81
% Moisture.....: 8.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**15 J**	**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	**1.1 J**	**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-17322-101207-CB-037

GC/MS Volatiles

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W941AN **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	0.50
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	96	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	69	(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-17322-101207-CB-036

GC/MS Volatiles

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W961AN **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 0.81
% Moisture.....: 8.9 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**17 J**	**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	**3.1 J**	**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	8.9	ug/kg	1.2
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	8.9	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	0.59
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	8.9	ug/kg	1.2
Methylcyclohexane	ND	8.9	ug/kg	0.28
Methylene chloride	**1.6 J**	**4.4**	**ug/kg**	**0.60**
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-17322-101207-CB-036

GC/MS Volatiles

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W961AN **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	0.50
1,1,2-Trichloroethane	ND	4.4	ug/kg	0.35
Trichloroethene	ND	4.4	ug/kg	0.37
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	4.4	ug/kg	1.2
1,2,4-Trimethylbenzene	ND	4.4	ug/kg	0.58
1,3,5-Trimethylbenzene	ND	4.4	ug/kg	0.22
Vinyl chloride	ND	4.4	ug/kg	0.35
Xylenes (total)	ND	8.9	ug/kg	0.60
Methyl tert-butyl ether	ND	18	ug/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(59 - 138)
1,2-Dichloroethane-d4	95	(61 - 130)
Toluene-d8	82	(60 - 143)
4-Bromofluorobenzene	74	(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-17322-101207-CB-040

GC/MS Volatiles

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W971AN **Matrix.....:** SO
Date Sampled...: 10/12/07 11:25 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.68
% Moisture.....: 7.4 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	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	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	0.40
1,2-Dibromo-3-chloro-propane	ND	7.3	ug/kg	0.95
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	7.3	ug/kg	0.24
1,2-Dibromoethane	ND	3.7	ug/kg	0.37
1,2-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,3-Dichlorobenzene	ND	3.7	ug/kg	0.26
1,4-Dichlorobenzene	ND	3.7	ug/kg	0.48
Dichlorodifluoromethane	ND	3.7	ug/kg	0.37
1,1-Dichloroethane	ND	3.7	ug/kg	0.26
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	0.26
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	7.3	ug/kg	1.0
Methylcyclohexane	ND	7.3	ug/kg	0.23
Methylene chloride	**0.87 J**	**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-17322-101207-CB-040

GC/MS Volatiles

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W971AN **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	0.95
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	7.3	ug/kg	0.49
Methyl tert-butyl ether	ND	15	ug/kg	0.32

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	83	(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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-042

GC/MS Volatiles

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W981AN **Matrix.....:** SO
Date Sampled...: 10/12/07 12:30 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.8
% Moisture.....: 5.7 **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-17322-101207-CB-042

GC/MS Volatiles

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W981AN **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	97	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	84	(60 - 143)
4-Bromofluorobenzene	72	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101207-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J130121-007 **Work Order #...:** J8XAC1AA **Matrix.....:** SQ
Date Sampled...: 10/12/07 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
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	**3.8 J**	**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-17322-101207-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J130121-007 **Work Order #...:** J8XAC1AA **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	89	(61 - 130)
Toluene-d8	88	(60 - 143)
4-Bromofluorobenzene	78	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-033

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W901A5 **Matrix.....:** SO
Date Sampled...: 10/12/07 08:00 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
Dilution Factor: 1
% Moisture.....: 9.5 **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	27
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-17322-101207-CB-033

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W901A5 **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	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
Hexachlorocyclopentadiene	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-propylamine	ND	55	ug/kg	25
N-Nitrosodiphenylamine	ND	55	ug/kg	23
Pentachlorophenol	ND	170	ug/kg	91
Phenanthrene	ND	7.4	ug/kg	2.2
Phenol	ND	55	ug/kg	28
Pyrene	ND	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-17322-101207-CB-033

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W901A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	72	(24 - 112)
2-Fluorobiphenyl	67	(34 - 110)
Terphenyl-d14	91	(41 - 119)
Phenol-d5	71	(28 - 110)
2-Fluorophenol	70	(26 - 110)
2,4,6-Tribromophenol	45	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-037

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W941AG **Matrix.....:** SO
Date Sampled...: 10/12/07 09:40 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/20/07
Prep Batch #...: 7288046
Dilution Factor: 1
% Moisture.....: 8.4 **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	19
Acenaphthene	ND	7.3	ug/kg	1.4
Acenaphthylene	ND	7.3	ug/kg	1.3
Acetophenone	ND	110	ug/kg	28
Anthracene	**17**	**7.3**	**ug/kg**	**1.4**
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	**150**	**7.3**	**ug/kg**	**1.0**
Benzo(a)pyrene	**180**	**7.3**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**180**	**7.3**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**140**	**7.3**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**200**	**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	40
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	**210**	**7.3**	**ug/kg**	**0.98**
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-17322-101207-CB-037

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W941AG **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	**260**	**7.3**	**ug/kg**	**1.3**
Fluorene	**7.6**	**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	17
Hexachloroethane	ND	55	ug/kg	31
Indeno(1,2,3-cd)pyrene	**100**	**7.3**	**ug/kg**	**1.6**
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	**41**	**7.3**	**ug/kg**	**1.6**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	**74**	**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	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	**72**	**7.3**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	27
Pyrene	**200**	**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-17322-101207-CB-037

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W941AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	82	(24 - 112)
2-Fluorobiphenyl	85	(34 - 110)
Terphenyl-d14	94	(41 - 119)
Phenol-d5	81	(28 - 110)
2-Fluorophenol	84	(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-17322-101207-CB-036

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W961AG **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
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	**15**	**7.3**	**ug/kg**	**1.4**
Atrazine	ND	220	ug/kg	23
Benzo(a)anthracene	**83**	**7.3**	**ug/kg**	**1.0**
Benzo(a)pyrene	**110**	**7.3**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**210**	**7.3**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**120**	**7.3**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**68**	**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	**120**	**7.3**	**ug/kg**	**0.99**
Dibenz(a,h)anthracene	**33**	**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-17322-101207-CB-036

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W961AG **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	**130**	**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	**82**	**7.3**	**ug/kg**	**1.6**
Isophorone	ND	55	ug/kg	23
2-Methylnaphthalene	**20**	**7.3**	**ug/kg**	**1.6**
2-Methylphenol	ND	220	ug/kg	31
4-Methylphenol	ND	220	ug/kg	24
Naphthalene	**90**	**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	**49**	**7.3**	**ug/kg**	**2.2**
Phenol	ND	55	ug/kg	27
Pyrene	**120**	**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-17322-101207-CB-036

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W961AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
Terphenyl-d14	79	(41 - 119)
Phenol-d5	72	(28 - 110)
2-Fluorophenol	71	(26 - 110)
2,4,6-Tribromophenol	59	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-040

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W971AG **Matrix.....:** SO
Date Sampled...: 10/12/07 11:25 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
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	**23**	**7.2**	**ug/kg**	**1.0**
Benzo(a)pyrene	**19**	**7.2**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**23**	**7.2**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**15**	**7.2**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**10**	**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	**29**	**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-17322-101207-CB-040

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W971AG **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	**40**	**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	360	ug/kg	17
Hexachloroethane	ND	54	ug/kg	30
Indeno(1,2,3-cd)pyrene	**12**	**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-propylamine	ND	54	ug/kg	25
N-Nitrosodiphenylamine	ND	54	ug/kg	23
Pentachlorophenol	ND	160	ug/kg	89
Phenanthrene	**15**	**7.2**	**ug/kg**	**2.2**
Phenol	ND	54	ug/kg	27
Pyrene	**33**	**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-17322-101207-CB-040

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W971AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	76	(34 - 110)
Terphenyl-d14	92	(41 - 119)
Phenol-d5	80	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	30	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-042

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W981AG **Matrix.....:** SO
Date Sampled...: 10/12/07 12:30 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
Dilution Factor: 1
% Moisture.....: 5.7 **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	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	**16**	**7.1**	**ug/kg**	**1.0**
Benzo(a)pyrene	**18**	**7.1**	**ug/kg**	**1.4**
Benzo(b)fluoranthene	**26**	**7.1**	**ug/kg**	**1.3**
Benzo(ghi)perylene	**16**	**7.1**	**ug/kg**	**1.4**
Benzo(k)fluoranthene	**8.3**	**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	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	25
Chrysene	**20**	**7.1**	**ug/kg**	**0.95**
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-17322-101207-CB-042

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W981AG **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	**27**	**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
Hexachlorocyclopentadiene	ND	350	ug/kg	17
Hexachloroethane	ND	53	ug/kg	30
Indeno(1,2,3-cd)pyrene	**13**	**7.1**	**ug/kg**	**1.6**
Isophorone	ND	53	ug/kg	22
2-Methylnaphthalene	**12**	**7.1**	**ug/kg**	**1.6**
2-Methylphenol	ND	210	ug/kg	30
4-Methylphenol	ND	210	ug/kg	23
Naphthalene	**8.9**	**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-propylamine	ND	53	ug/kg	24
N-Nitrosodiphenylamine	ND	53	ug/kg	22
Pentachlorophenol	ND	160	ug/kg	87
Phenanthrene	**14**	**7.1**	**ug/kg**	**2.1**
Phenol	ND	53	ug/kg	27
Pyrene	**25**	**7.1**	**ug/kg**	**1.2**
2,4,5-Trichlorophenol	ND	160	ug/kg	27
2,4,6-Trichlorophenol	ND	160	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-042

GC/MS Semivolatiles

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W981AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	71	(24 - 112)
2-Fluorobiphenyl	72	(34 - 110)
Terphenyl-d14	93	(41 - 119)
Phenol-d5	75	(28 - 110)
2-Fluorophenol	73	(26 - 110)
2,4,6-Tribromophenol	49	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-033

GC Semivolatiles

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W901A7 **Matrix.....:** SO
Date Sampled...: 10/12/07 08:00 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1
% Moisture.....: 9.5 **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	17
Aroclor 1254	ND	36	ug/kg	9.7
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	106	(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-17322-101207-CB-037

GC Semivolatiles

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W941AJ **Matrix.....:** SO
Date Sampled...: 10/12/07 09:40 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1
% Moisture.....: 8.4 **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	9.6
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(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-17322-101207-CB-036

GC Semivolatiles

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W961AJ **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
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	**17 J**	**36**	**ug/kg**	**9.7**
Aroclor 1260	ND	36	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(10 - 196)
Decachlorobiphenyl	68	(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-17322-101207-CB-040

GC Semivolatiles

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W971AJ **Matrix.....:** SO
Date Sampled...: 10/12/07 11:25 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
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	111	(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-17322-101207-CB-042

GC Semivolatiles

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W981AJ **Matrix.....:** SO
Date Sampled...: 10/12/07 12:30 **Date Received..:** 10/13/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1
% Moisture.....: 5.7 **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	109	(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-17322-101207-CB-033

TOTAL Metals

Lot-Sample #...: A7J130121-001 **Matrix.....:** SO
Date Sampled...: 10/12/07 08:00 **Date Received..:** 10/13/07
% Moisture.....: 9.5

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**9.8**	**0.44**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8W901A9**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7288025						
Silver	**0.067 B**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W901A2**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**6030**	**17.7**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AE**
		Dilution Factor: 1		MDL.....: 10.6		
Arsenic	**5.9**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W901A0**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**34.5 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AF**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	ND	0.18	mg/kg	SW846 6010B	10/15/07	J8W901AG
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**65000 J**	**2210**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8W901AJ**
		Dilution Factor: 5		MDL.....: 88.4		
Cadmium	ND	0.088	mg/kg	SW846 6010B	10/15/07	J8W901AH
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**5.9**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AK**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**11.6**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AV**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**12.0**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AL**
		Dilution Factor: 1		MDL.....: 0.82		
Iron	**13400**	**8.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AM**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.015 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8W901AD**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-033

TOTAL Metals

Lot-Sample #...: A7J130121-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1120**	**442**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AR**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**22300 J**	**88.4**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AN**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**269 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AP**
		Dilution Factor: 1		MDL.....: 0.082		
Sodium	**521**	**88.4**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AT**
		Dilution Factor: 1		MDL.....: 72.9		
Nickel	**14.3**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AQ**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**5.5**	**0.27**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AW**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.095 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W901AX**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	ND	0.19	mg/kg	SW846 6020	10/15-10/16/07	J8W901A1
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.11**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W901A3**
		Dilution Factor: 1		MDL.....: 0.0087		
Vanadium	**18.0**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W901AU**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**28.7 J**	**0.88**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W901A4**
		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-17322-101207-CB-037

TOTAL Metals

Lot-Sample #...: A7J130121-002 **Matrix.....:** SO
Date Sampled...: 10/12/07 09:40 **Date Received..:** 10/13/07
% Moisture.....: 8.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**9.1**	**0.44**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8W941AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7288025						
Silver	**0.063 B**	**0.087**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W941AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**4550**	**17.5**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941AQ**
		Dilution Factor: 1		MDL.....: 10.5		
Arsenic	**5.3**	**0.087**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W941AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**24.6 J**	**0.87**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/15/07	J8W941AT
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**74400 J**	**2180**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8W941AV**
		Dilution Factor: 5		MDL.....: 87.3		
Cadmium	ND	0.087	mg/kg	SW846 6010B	10/15/07	J8W941AU
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**4.6**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**9.9**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**14.0**	**0.87**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**10100**	**8.7**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A0**
		Dilution Factor: 1		MDL.....: 5.3		
Mercury	**0.027 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8W941AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-037

TOTAL Metals

Lot-Sample #...: A7J130121-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**773**	**437**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A4**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**11000 J**	**87.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**275 J**	**0.87**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**494**	**87.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A5**
		Dilution Factor: 1		MDL.....: 72.1		
Nickel	**13.8**	**0.87**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**18.8**	**0.26**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.13 B**	**0.17**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W941A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.17 B**	**0.19**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W941AC**
		Dilution Factor: 1		MDL.....: 0.098		
Thallium	**0.15**	**0.087**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W941AE**
		Dilution Factor: 1		MDL.....: 0.0086		
Vanadium	**13.7**	**0.87**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W941A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**34.4 J**	**0.87**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W941AF**
		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-17322-101207-CB-036

TOTAL Metals

Lot-Sample #...: A7J130121-003 **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07
% Moisture.....: 8.9

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**7.5**	**0.44**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8W961AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7288025						
Silver	**0.062 B**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W961AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**5220**	**17.6**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961AQ**
		Dilution Factor: 1		MDL.....: 10.5		
Arsenic	**5.0**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W961AA**
		Dilution Factor: 1		MDL.....: 0.068		
Barium	**26.4 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961AR**
		Dilution Factor: 1		MDL.....: 0.078		
Beryllium	ND	0.18	mg/kg	SW846 6010B	10/15/07	J8W961AT
		Dilution Factor: 1		MDL.....: 0.047		
Calcium	**54700 J**	**439**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961AV**
		Dilution Factor: 1		MDL.....: 17.6		
Cadmium	ND	0.088	mg/kg	SW846 6010B	10/15/07	J8W961AU
		Dilution Factor: 1		MDL.....: 0.040		
Cobalt	**5.2**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**9.7**	**0.44**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**15.5**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961AX**
		Dilution Factor: 1		MDL.....: 0.81		
Iron	**11100**	**8.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A0**
		Dilution Factor: 1		MDL.....: 5.4		
Mercury	**0.032 B**	**0.044**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8W961AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-036

TOTAL Metals

Lot-Sample #...: A7J130121-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**889**	**439**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A4**
		Dilution Factor: 1		MDL.....: 6.8		
Magnesium	**15600 J**	**87.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A1**
		Dilution Factor: 1		MDL.....: 5.6		
Manganese	**304 J**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A2**
		Dilution Factor: 1		MDL.....: 0.081		
Sodium	**569**	**87.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A5**
		Dilution Factor: 1		MDL.....: 72.4		
Nickel	**13.8**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A3**
		Dilution Factor: 1		MDL.....: 0.30		
Lead	**13.2**	**0.26**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.16 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W961A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	ND	0.19	mg/kg	SW846 6020	10/15-10/16/07	J8W961AC
		Dilution Factor: 1		MDL.....: 0.099		
Thallium	**0.18**	**0.088**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W961AE**
		Dilution Factor: 1		MDL.....: 0.0087		
Vanadium	**15.1**	**0.88**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W961A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**33.7 J**	**0.88**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W961AF**
		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-17322-101207-CB-040

TOTAL Metals

Lot-Sample #...: A7J130121-004 **Matrix.....:** SO
Date Sampled...: 10/12/07 11:25 **Date Received..:** 10/13/07
% Moisture.....: 7.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**5.4**	**0.43**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8W971AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7288025						
Silver	**0.044 B**	**0.086**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W971AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**2520**	**17.3**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971AQ**
		Dilution Factor: 1		MDL.....: 10.4		
Arsenic	**4.1**	**0.086**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W971AA**
		Dilution Factor: 1		MDL.....: 0.067		
Barium	**12.6 J**	**0.86**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971AR**
		Dilution Factor: 1		MDL.....: 0.077		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/15/07	J8W971AT
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**124000 J**	**2160**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8W971AV**
		Dilution Factor: 5		MDL.....: 86.4		
Cadmium	ND	0.086	mg/kg	SW846 6010B	10/15/07	J8W971AU
		Dilution Factor: 1		MDL.....: 0.039		
Cobalt	**3.6**	**0.43**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**8.1**	**0.43**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A7**
		Dilution Factor: 1		MDL.....: 0.22		
Copper	**11.4**	**0.86**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971AX**
		Dilution Factor: 1		MDL.....: 0.80		
Iron	**7690**	**8.6**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A0**
		Dilution Factor: 1		MDL.....: 5.3		
Mercury	**0.021 B**	**0.043**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8W971AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-040

TOTAL Metals

Lot-Sample #...: A7J130121-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**505**	**432**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A4**
		Dilution Factor: 1		MDL.....: 6.7		
Magnesium	**22800 J**	**86.4**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A1**
		Dilution Factor: 1		MDL.....: 5.5		
Manganese	**276 J**	**0.86**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A2**
		Dilution Factor: 1		MDL.....: 0.080		
Sodium	**267**	**86.4**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A5**
		Dilution Factor: 1		MDL.....: 71.3		
Nickel	**9.4**	**0.86**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**6.0**	**0.26**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A8**
		Dilution Factor: 1		MDL.....: 0.21		
Antimony	**0.10 B**	**0.17**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W971A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.16 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W971AC**
		Dilution Factor: 1		MDL.....: 0.097		
Thallium	**0.11**	**0.086**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W971AE**
		Dilution Factor: 1		MDL.....: 0.0085		
Vanadium	**10.2**	**0.86**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W971A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**23.9 J**	**0.86**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W971AF**
		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-17322-101207-CB-042

TOTAL Metals

Lot-Sample #...: A7J130121-005 **Matrix.....:** SO
Date Sampled...: 10/12/07 12:30 **Date Received..:** 10/13/07
% Moisture.....: 5.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7288024						
Trivalent Chromium	**5.1**	**0.42**	**mg/kg**	**SW846 7196A**	**10/15/07**	**J8W981AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7288025						
Silver	**0.043 B**	**0.085**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W981AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**2390**	**17.0**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981AQ**
		Dilution Factor: 1		MDL.....: 10.2		
Arsenic	**7.7**	**0.085**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W981AA**
		Dilution Factor: 1		MDL.....: 0.066		
Barium	**15.0 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981AR**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	ND	0.17	mg/kg	SW846 6010B	10/15/07	J8W981AT
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**98800 J**	**2120**	**mg/kg**	**SW846 6010B**	**10/15-10/16/07**	**J8W981AV**
		Dilution Factor: 5		MDL.....: 84.8		
Cadmium	**0.063 B**	**0.085**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981AU**
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**3.3**	**0.42**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**6.3**	**0.42**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A7**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**10.2**	**0.85**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981AX**
		Dilution Factor: 1		MDL.....: 0.78		
Iron	**7140**	**8.5**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A0**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	**0.023 B**	**0.042**	**mg/kg**	**SW846 7471A**	**10/15/07**	**J8W981AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101207-CB-042

TOTAL Metals

Lot-Sample #...: A7J130121-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**458**	**424**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A4**
		Dilution Factor: 1		MDL.....: 6.6		
Magnesium	**27000 J**	**84.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A1**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**263 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A2**
		Dilution Factor: 1		MDL.....: 0.078		
Sodium	**164**	**84.8**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A5**
		Dilution Factor: 1		MDL.....: 70.0		
Nickel	**8.4**	**0.85**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**10.3**	**0.25**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.12 B**	**0.17**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W981A9**
		Dilution Factor: 1		MDL.....: 0.025		
Selenium	ND	0.18	mg/kg	SW846 6020	10/15-10/16/07	J8W981AC
		Dilution Factor: 1		MDL.....: 0.095		
Thallium	**0.16**	**0.085**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W981AE**
		Dilution Factor: 1		MDL.....: 0.0084		
Vanadium	**8.9**	**0.85**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J8W981A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**33.1 J**	**0.85**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J8W981AF**
		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-17322-101207-CB-033

General Chemistry

Lot-Sample #...: A7J130121-001 **Work Order #...:** J8W90 **Matrix.....:** SO
Date Sampled...: 10/12/07 08:00 **Date Received..:** 10/13/07
% Moisture.....: 9.5

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/16/07	7289272
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.8**	**0.88**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**90.5**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291522**
		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-17322-101207-CB-037

General Chemistry

Lot-Sample #...: A7J130121-002 **Work Order #...:** J8W94 **Matrix.....:** SO
Date Sampled...: 10/12/07 09:40 **Date Received..:** 10/13/07
% Moisture.....: 8.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/16/07	7289272
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**0.76 B**	**0.87**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291522**
		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-17322-101207-CB-036

General Chemistry

Lot-Sample #...: A7J130121-003 **Work Order #...:** J8W96 **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07
% Moisture.....: 8.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/16/07	7289272
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**2.3**	**0.88**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**91.1**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291522**
		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-17322-101207-CB-040

General Chemistry

Lot-Sample #...: A7J130121-004 **Work Order #...:** J8W97 **Matrix.....:** SO
Date Sampled...: 10/12/07 11:25 **Date Received..:** 10/13/07
% Moisture.....: 7.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.22	mg/kg	SW846 9012A	10/16/07	7289272
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**2.6**	**0.86**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.23		
Percent Solids	**92.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291522**
		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-17322-101207-CB-042

General Chemistry

Lot-Sample #...: A7J130121-005 **Work Order #...:** J8W98 **Matrix.....:** SO
Date Sampled...: 10/12/07 12:30 **Date Received..:** 10/13/07
% Moisture.....: 5.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	10/16/07	7289272
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.2**	**0.85**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**94.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291522**
		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 #...: A7J130121 **Work Order #...:** J82X41AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J160000-285

Prep Date.....: 10/15/07
Analysis Date..: 10/15/07 **Prep Batch #...:** 7289285
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	**0.46 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.47 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	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 #...: A7J130121 **Work Order #...:** J82X41AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**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	94	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	86	(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.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J85V91AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J170000-292

Prep Date.....: 10/16/07
Analysis Date..: 10/16/07 **Prep Batch #...:** 7290292
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	**0.40 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.32 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,4-Dichlorobenzene	**0.43 J**	**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 #...: A7J130121 **Work Order #...:** J85V91AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**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	91	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	82	(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 #...: A7J130121 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.7	SW846 8260B
Benzene	**50**	**54**	**ug/kg**	**109**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.5**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	53	ug/kg	107	0.080	SW846 8260B
Bromoform	50	56	ug/kg	111		SW846 8260B
	50	57	ug/kg	114	2.7	SW846 8260B
Bromomethane	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	2.6	SW846 8260B
2-Butanone	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	99	0.38	SW846 8260B
Carbon disulfide	50	59	ug/kg	119		SW846 8260B
	50	58	ug/kg	116	2.6	SW846 8260B
Carbon tetrachloride	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	111	0.91	SW846 8260B
Chlorobenzene	**50**	**53**	**ug/kg**	**107**		**SW846 8260B**
	50	**51**	**ug/kg**	**102**	**4.0**	**SW846 8260B**
Dibromochloromethane	50	54	ug/kg	109		SW846 8260B
	50	53	ug/kg	107	1.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	49	ug/kg	99		SW846 8260B
	50	50	ug/kg	100	0.90	SW846 8260B
Chloroethane	50	56	ug/kg	111		SW846 8260B
	50	55	ug/kg	111	0.66	SW846 8260B
Chloroform	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.090	SW846 8260B
Chloromethane	50	48	ug/kg	97		SW846 8260B
	50	49	ug/kg	98	1.4	SW846 8260B
Cyclohexane	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	1.7	SW846 8260B
1,2-Dibromoethane	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	102	1.3	SW846 8260B
1,2-Dichlorobenzene	50	52	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.1	SW846 8260B
1,3-Dichlorobenzene	50	54	ug/kg	108		SW846 8260B
	50	53	ug/kg	106	1.9	SW846 8260B
1,4-Dichlorobenzene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	102	1.7	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	39	ug/kg	78		SW846 8260B
	50	38	ug/kg	76	2.7	SW846 8260B
1,1-Dichloroethane	50	56	ug/kg	112		SW846 8260B
	50	56	ug/kg	111	0.84	SW846 8260B
1,2-Dichloroethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.030	SW846 8260B
1,1-Dichloroethene	**50**	**57**	**ug/kg**	**113**		**SW846 8260B**
	50	**57**	**ug/kg**	**114**	**1.0**	**SW846 8260B**
cis-1,2-Dichloroethene	50	57	ug/kg	114		SW846 8260B
	50	56	ug/kg	113	0.68	SW846 8260B
trans-1,2-Dichloroethene	50	57	ug/kg	115		SW846 8260B
	50	57	ug/kg	113	1.3	SW846 8260B
1,2-Dichloropropane	50	54	ug/kg	107		SW846 8260B
	50	53	ug/kg	106	1.3	SW846 8260B
cis-1,3-Dichloropropene	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.10	SW846 8260B
trans-1,3-Dichloropropene	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.4	SW846 8260B
Ethylbenzene	50	54	ug/kg	109		SW846 8260B
	50	52	ug/kg	103	5.1	SW846 8260B
Trichlorofluoromethane	50	57	ug/kg	115		SW846 8260B
	50	58	ug/kg	116	0.83	SW846 8260B
2-Hexanone	50	44	ug/kg	88		SW846 8260B
	50	45	ug/kg	90	2.1	SW846 8260B
Isopropylbenzene	50	62	ug/kg	123		SW846 8260B
	50	60	ug/kg	119	3.6	SW846 8260B
Methyl acetate	50	52	ug/kg	105		SW846 8260B
	50	54	ug/kg	108	2.8	SW846 8260B
Methylcyclohexane	50	55	ug/kg	109		SW846 8260B
	50	54	ug/kg	108	1.2	SW846 8260B
Methylene chloride	50	58	ug/kg	116		SW846 8260B
	50	59	ug/kg	117	0.58	SW846 8260B
4-Methyl-2-pentanone	50	48	ug/kg	96		SW846 8260B
	50	51	ug/kg	102	5.5	SW846 8260B
Styrene	50	55	ug/kg	110		SW846 8260B
	50	54	ug/kg	108	2.2	SW846 8260B
1,1,2,2-Tetrachloroethane	50	53	ug/kg	105		SW846 8260B
	50	53	ug/kg	107	1.1	SW846 8260B
Tetrachloroethene	50	55	ug/kg	110		SW846 8260B
	50	52	ug/kg	104	5.3	SW846 8260B
Toluene	**50**	**52**	**ug/kg**	**104**		**SW846 8260B**
	50	**50**	**ug/kg**	**99**	**4.8**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	51	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.5	SW846 8260B
1,1,1-Trichloroethane	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	113	0.97	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	51	ug/kg	102	0.040	SW846 8260B
Trichloroethene	**50**	**56**	**ug/kg**	**113**		**SW846 8260B**
	50	**55**	**ug/kg**	**109**	**3.5**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	50	66	ug/kg	132		SW846 8260B
	50	65	ug/kg	131	0.96	SW846 8260B
1,2,4-Trimethylbenzene	50	55	ug/kg	109		SW846 8260B
	50	52	ug/kg	105	4.2	SW846 8260B
1,3,5-Trimethylbenzene	50	56	ug/kg	112		SW846 8260B
	50	53	ug/kg	107	4.6	SW846 8260B
Vinyl chloride	50	47	ug/kg	95		SW846 8260B
	50	49	ug/kg	98	3.7	SW846 8260B
Xylenes (total)	150	160	ug/kg	109		SW846 8260B
	150	160	ug/kg	105	3.7	SW846 8260B
Methyl tert-butyl ether	50	54	ug/kg	108		SW846 8260B
	50	55	ug/kg	111	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	90	(61 - 130)
Toluene-d8	85	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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 #...: A7J130121 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	102	(58 - 130)			SW846 8260B
	100	(58 - 130)	1.7	(0-30)	SW846 8260B
Benzene	**109**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**1.5**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	107	(72 - 125)	0.080	(0-30)	SW846 8260B
Bromoform	111	(43 - 149)			SW846 8260B
	114	(43 - 149)	2.7	(0-30)	SW846 8260B
Bromomethane	107	(24 - 152)			SW846 8260B
	110	(24 - 152)	2.6	(0-30)	SW846 8260B
2-Butanone	99	(27 - 200)			SW846 8260B
	99	(27 - 200)	0.38	(0-46)	SW846 8260B
Carbon disulfide	119	(50 - 137)			SW846 8260B
	116	(50 - 137)	2.6	(0-30)	SW846 8260B
Carbon tetrachloride	110	(57 - 137)			SW846 8260B
	111	(57 - 137)	0.91	(0-30)	SW846 8260B
Chlorobenzene	**107**	**(75 - 127)**			**SW846 8260B**
	102	**(75 - 127)**	**4.0**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	109	(49 - 135)			SW846 8260B
	107	(49 - 135)	1.7	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	99	(50 - 150)			SW846 8260B
	100	(50 - 150)	0.90	(0-30)	SW846 8260B
Chloroethane	111	(31 - 144)			SW846 8260B
	111	(31 - 144)	0.66	(0-30)	SW846 8260B
Chloroform	108	(73 - 115)			SW846 8260B
	108	(73 - 115)	0.090	(0-30)	SW846 8260B
Chloromethane	97	(15 - 136)			SW846 8260B
	98	(15 - 136)	1.4	(0-30)	SW846 8260B
Cyclohexane	106	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.7	(0-20)	SW846 8260B
1,2-Dibromoethane	103	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.3	(0-30)	SW846 8260B
1,2-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	108	(50 - 150)			SW846 8260B
	106	(50 - 150)	1.9	(0-20)	SW846 8260B
1,4-Dichlorobenzene	104	(50 - 150)			SW846 8260B
	102	(50 - 150)	1.7	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	78	(50 - 150)			SW846 8260B
	76	(50 - 150)	2.7	(0-20)	SW846 8260B
1,1-Dichloroethane	112	(77 - 119)			SW846 8260B
	111	(77 - 119)	0.84	(0-30)	SW846 8260B
1,2-Dichloroethane	105	(78 - 121)			SW846 8260B
	105	(78 - 121)	0.030	(0-30)	SW846 8260B
1,1-Dichloroethene	**113**	**(55 - 142)**			**SW846 8260B**
	114	**(55 - 142)**	**1.0**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	114	(77 - 114)			SW846 8260B
	113	(77 - 114)	0.68	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	115	(68 - 117)			SW846 8260B
	113	(68 - 117)	1.3	(0-30)	SW846 8260B
1,2-Dichloropropane	107	(78 - 116)			SW846 8260B
	106	(78 - 116)	1.3	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	103	(71 - 125)			SW846 8260B
	103	(71 - 125)	0.10	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	102	(67 - 125)			SW846 8260B
	100	(67 - 125)	1.4	(0-30)	SW846 8260B
Ethylbenzene	109	(79 - 114)			SW846 8260B
	103	(79 - 114)	5.1	(0-30)	SW846 8260B
Trichlorofluoromethane	115	(50 - 150)			SW846 8260B
	116	(50 - 150)	0.83	(0-20)	SW846 8260B
2-Hexanone	88	(29 - 200)			SW846 8260B
	90	(29 - 200)	2.1	(0-41)	SW846 8260B
Isopropylbenzene	123	(50 - 150)			SW846 8260B
	119	(50 - 150)	3.6	(0-20)	SW846 8260B
Methyl acetate	105	(50 - 150)			SW846 8260B
	108	(50 - 150)	2.8	(0-20)	SW846 8260B
Methylcyclohexane	109	(50 - 150)			SW846 8260B
	108	(50 - 150)	1.2	(0-20)	SW846 8260B
Methylene chloride	116	(58 - 130)			SW846 8260B
	117	(58 - 130)	0.58	(0-30)	SW846 8260B
4-Methyl-2-pentanone	96	(68 - 142)			SW846 8260B
	102	(68 - 142)	5.5	(0-60)	SW846 8260B
Styrene	110	(80 - 114)			SW846 8260B
	108	(80 - 114)	2.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(70 - 133)			SW846 8260B
	107	(70 - 133)	1.1	(0-30)	SW846 8260B
Tetrachloroethene	110	(72 - 120)			SW846 8260B
	104	(72 - 120)	5.3	(0-30)	SW846 8260B
Toluene	**104**	**(71 - 130)**			**SW846 8260B**
	99	**(71 - 130)**	**4.8**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82X41AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J160000-285 J82X41AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	103	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.5	(0-20)	SW846 8260B
1,1,1-Trichloroethane	114	(67 - 123)			SW846 8260B
	113	(67 - 123)	0.97	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(82 - 116)			SW846 8260B
	102	(82 - 116)	0.040	(0-30)	SW846 8260B
Trichloroethene	**113**	**(70 - 131)**			**SW846 8260B**
	109	**(70 - 131)**	**3.5**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trif	132	(50 - 150)			SW846 8260B
	131	(50 - 150)	0.96	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	109	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.2	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	112	(70 - 130)			SW846 8260B
	107	(70 - 130)	4.6	(0-30)	SW846 8260B
Vinyl chloride	95	(24 - 152)			SW846 8260B
	98	(24 - 152)	3.7	(0-30)	SW846 8260B
Xylenes (total)	109	(80 - 114)			SW846 8260B
	105	(80 - 114)	3.7	(0-30)	SW846 8260B
Methyl tert-butyl ether	108	(70 - 130)			SW846 8260B
	111	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(59 - 138)
	95	(59 - 138)
1,2-Dichloroethane-d4	89	(61 - 130)
	90	(61 - 130)
Toluene-d8	85	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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 DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	51	ug/kg	103		SW846 8260B
	50	54	ug/kg	107	4.3	SW846 8260B
Benzene	**50**	**52**	**ug/kg**	**105**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.6**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	1.3	SW846 8260B
Bromoform	50	55	ug/kg	110		SW846 8260B
	50	56	ug/kg	111	1.1	SW846 8260B
Bromomethane	50	49	ug/kg	98		SW846 8260B
	50	53	ug/kg	106	8.2	SW846 8260B
2-Butanone	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	1.8	SW846 8260B
Carbon disulfide	50	55	ug/kg	109		SW846 8260B
	50	56	ug/kg	112	3.1	SW846 8260B
Carbon tetrachloride	50	53	ug/kg	107		SW846 8260B
	50	57	ug/kg	113	5.6	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**0.32**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	108	2.0	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	51	ug/kg	103		SW846 8260B
	50	53	ug/kg	106	3.3	SW846 8260B
Chloroethane	50	52	ug/kg	104		SW846 8260B
	50	56	ug/kg	112	7.3	SW846 8260B
Chloroform	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	109	4.4	SW846 8260B
Chloromethane	50	45	ug/kg	91		SW846 8260B
	50	48	ug/kg	95	5.0	SW846 8260B
Cyclohexane	50	51	ug/kg	102		SW846 8260B
	50	54	ug/kg	107	4.5	SW846 8260B
1,2-Dibromoethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	103	1.1	SW846 8260B
1,2-Dichlorobenzene	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	97	4.1	SW846 8260B
1,3-Dichlorobenzene	50	51	ug/kg	103		SW846 8260B
	50	48	ug/kg	97	5.8	SW846 8260B
1,4-Dichlorobenzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	94	6.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	34	ug/kg	69		SW846 8260B
	50	37	ug/kg	74	7.0	SW846 8260B
1,1-Dichloroethane	50	54	ug/kg	109		SW846 8260B
	50	56	ug/kg	112	3.0	SW846 8260B
1,2-Dichloroethane	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	1.0	SW846 8260B
1,1-Dichloroethene	**50**	**53**	**ug/kg**	**107**		**SW846 8260B**
	50	**56**	**ug/kg**	**111**	**4.2**	**SW846 8260B**
cis-1,2-Dichloroethene	50	54	ug/kg	108		SW846 8260B
	50	56	ug/kg	112	3.5	SW846 8260B
trans-1,2-Dichloroethene	50	53	ug/kg	105		SW846 8260B
	50	56	ug/kg	111	5.2	SW846 8260B
1,2-Dichloropropane	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	109	0.48	SW846 8260B
cis-1,3-Dichloropropene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.20	SW846 8260B
trans-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.4	SW846 8260B
Ethylbenzene	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.30	SW846 8260B
Trichlorofluoromethane	50	57	ug/kg	114		SW846 8260B
	50	59	ug/kg	118	3.6	SW846 8260B
2-Hexanone	50	48	ug/kg	95		SW846 8260B
	50	49	ug/kg	98	2.9	SW846 8260B
Isopropylbenzene	50	58	ug/kg	115		SW846 8260B
	50	57	ug/kg	114	0.65	SW846 8260B
Methyl acetate	50	58	ug/kg	117		SW846 8260B
	50	56	ug/kg	113	3.2	SW846 8260B
Methylcyclohexane	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	107	4.5	SW846 8260B
Methylene chloride	50	56	ug/kg	112		SW846 8260B
	50	58	ug/kg	116	3.2	SW846 8260B
4-Methyl-2-pentanone	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	3.3	SW846 8260B
Styrene	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.25	SW846 8260B
1,1,2,2-Tetrachloroethane	50	52	ug/kg	105		SW846 8260B
	50	50	ug/kg	100	4.5	SW846 8260B
Tetrachloroethene	50	52	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.1	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.4**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	104	1.0	SW846 8260B
1,1,1-Trichloroethane	50	55	ug/kg	110		SW846 8260B
	50	57	ug/kg	113	3.0	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.9	SW846 8260B
Trichloroethene	**50**	**54**	**ug/kg**	**108**		**SW846 8260B**
	50	**54**	**ug/kg**	**109**	**0.55**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	50	61	ug/kg	123		SW846 8260B
	50	65	ug/kg	130	5.6	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	97	6.6	SW846 8260B
1,3,5-Trimethylbenzene	50	53	ug/kg	106		SW846 8260B
	50	50	ug/kg	100	5.7	SW846 8260B
Vinyl chloride	50	46	ug/kg	91		SW846 8260B
	50	49	ug/kg	97	6.4	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	150	ug/kg	102	1.5	SW846 8260B
Methyl tert-butyl ether	50	55	ug/kg	110		SW846 8260B
	50	57	ug/kg	114	3.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	92	(61 - 130)
Toluene-d8	83	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	83	(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 #...: A7J130121 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	103	(58 - 130)			SW846 8260B
	107	(58 - 130)	4.3	(0-30)	SW846 8260B
Benzene	**105**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**1.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	108	(72 - 125)	1.3	(0-30)	SW846 8260B
Bromoform	110	(43 - 149)			SW846 8260B
	111	(43 - 149)	1.1	(0-30)	SW846 8260B
Bromomethane	98	(24 - 152)			SW846 8260B
	106	(24 - 152)	8.2	(0-30)	SW846 8260B
2-Butanone	106	(27 - 200)			SW846 8260B
	104	(27 - 200)	1.8	(0-46)	SW846 8260B
Carbon disulfide	109	(50 - 137)			SW846 8260B
	112	(50 - 137)	3.1	(0-30)	SW846 8260B
Carbon tetrachloride	107	(57 - 137)			SW846 8260B
	113	(57 - 137)	5.6	(0-30)	SW846 8260B
Chlorobenzene	**101**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**0.32**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	106	(49 - 135)			SW846 8260B
	108	(49 - 135)	2.0	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	103	(50 - 150)			SW846 8260B
	106	(50 - 150)	3.3	(0-30)	SW846 8260B
Chloroethane	104	(31 - 144)			SW846 8260B
	112	(31 - 144)	7.3	(0-30)	SW846 8260B
Chloroform	104	(73 - 115)			SW846 8260B
	109	(73 - 115)	4.4	(0-30)	SW846 8260B
Chloromethane	91	(15 - 136)			SW846 8260B
	95	(15 - 136)	5.0	(0-30)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	107	(50 - 150)	4.5	(0-20)	SW846 8260B
1,2-Dibromoethane	105	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.1	(0-30)	SW846 8260B
1,2-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	97	(50 - 150)	4.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	97	(50 - 150)	5.8	(0-20)	SW846 8260B
1,4-Dichlorobenzene	100	(50 - 150)			SW846 8260B
	94	(50 - 150)	6.4	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	69	(50 - 150)			SW846 8260B
	74	(50 - 150)	7.0	(0-20)	SW846 8260B
1,1-Dichloroethane	109	(77 - 119)			SW846 8260B
	112	(77 - 119)	3.0	(0-30)	SW846 8260B
1,2-Dichloroethane	107	(78 - 121)			SW846 8260B
	108	(78 - 121)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**107**	**(55 - 142)**			**SW846 8260B**
	111	**(55 - 142)**	**4.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	108	(77 - 114)			SW846 8260B
	112	(77 - 114)	3.5	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(68 - 117)			SW846 8260B
	111	(68 - 117)	5.2	(0-30)	SW846 8260B
1,2-Dichloropropane	110	(78 - 116)			SW846 8260B
	109	(78 - 116)	0.48	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	108	(71 - 125)			SW846 8260B
	108	(71 - 125)	0.20	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	104	(67 - 125)			SW846 8260B
	103	(67 - 125)	1.4	(0-30)	SW846 8260B
Ethylbenzene	103	(79 - 114)			SW846 8260B
	103	(79 - 114)	0.30	(0-30)	SW846 8260B
Trichlorofluoromethane	114	(50 - 150)			SW846 8260B
	118	(50 - 150)	3.6	(0-20)	SW846 8260B
2-Hexanone	95	(29 - 200)			SW846 8260B
	98	(29 - 200)	2.9	(0-41)	SW846 8260B
Isopropylbenzene	115	(50 - 150)			SW846 8260B
	114	(50 - 150)	0.65	(0-20)	SW846 8260B
Methyl acetate	117	(50 - 150)			SW846 8260B
	113	(50 - 150)	3.2	(0-20)	SW846 8260B
Methylcyclohexane	102	(50 - 150)			SW846 8260B
	107	(50 - 150)	4.5	(0-20)	SW846 8260B
Methylene chloride	112	(58 - 130)			SW846 8260B
	116	(58 - 130)	3.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	107	(68 - 142)			SW846 8260B
	110	(68 - 142)	3.3	(0-60)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	105	(80 - 114)	0.25	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(70 - 133)			SW846 8260B
	100	(70 - 133)	4.5	(0-30)	SW846 8260B
Tetrachloroethene	103	(72 - 120)			SW846 8260B
	104	(72 - 120)	1.1	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**2.4**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	102	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.0	(0-20)	SW846 8260B
1,1,1-Trichloroethane	110	(67 - 123)			SW846 8260B
	113	(67 - 123)	3.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(82 - 116)			SW846 8260B
	100	(82 - 116)	1.9	(0-30)	SW846 8260B
Trichloroethene	**108**	**(70 - 131)**			**SW846 8260B**
	109	**(70 - 131)**	**0.55**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	123	(70 - 130)			SW846 8260B
	130	(50 - 150)	5.6	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	97	(70 - 130)	6.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	106	(70 - 130)			SW846 8260B
	100	(70 - 130)	5.7	(0-30)	SW846 8260B
Vinyl chloride	91	(24 - 152)			SW846 8260B
	97	(24 - 152)	6.4	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	102	(80 - 114)	1.5	(0-30)	SW846 8260B
Methyl tert-butyl ether	110	(70 - 130)			SW846 8260B
	114	(70 - 130)	3.3	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	92	(61 - 130)
Toluene-d8	83	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	83	(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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.73 **% Moisture.....:** 9.1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	40	39	ug/kg	94		SW846 8260B
	ND	34	31	ug/kg	87	24	SW846 8260B
Benzene	**ND**	**40**	**38**	**ug/kg**	**95**		**SW846 8260B**
	ND	**34**	**29**	**ug/kg**	**85 p**	**27**	**SW846 8260B**
Bromodichloromethane	ND	40	35	ug/kg	88		SW846 8260B
	ND	34	28	ug/kg	81	25	SW846 8260B
Bromoform	ND	40	33	ug/kg	81		SW846 8260B
	ND	34	25	ug/kg	75	25	SW846 8260B
Bromomethane	ND	40	40	ug/kg	101		SW846 8260B
	ND	34	31	ug/kg	91	27	SW846 8260B
2-Butanone	ND	40	37	ug/kg	92		SW846 8260B
	ND	34	31	ug/kg	91	18	SW846 8260B
Carbon disulfide	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	31	ug/kg	91	30	SW846 8260B
Carbon tetrachloride	ND	40	40	ug/kg	99		SW846 8260B
	ND	34	30	ug/kg	88	28	SW846 8260B
Chlorobenzene	**ND**	**40**	**32**	**ug/kg**	**80**		**SW846 8260B**
	ND	**34**	**25**	**ug/kg**	**73 p**	**26**	**SW846 8260B**
Dibromochloromethane	ND	40	32	ug/kg	81		SW846 8260B
	ND	34	26	ug/kg	78	20	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	40	29	ug/kg	71		SW846 8260B
	ND	34	24	ug/kg	72	16	SW846 8260B
Chloroethane	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	31	ug/kg	90	30	SW846 8260B
Chloroform	ND	40	39	ug/kg	97		SW846 8260B
	ND	34	29	ug/kg	86	28	SW846 8260B
Chloromethane	ND	40	37	ug/kg	93		SW846 8260B
	ND	34	28	ug/kg	82	29	SW846 8260B
Cyclohexane	ND	40	38	ug/kg	94		SW846 8260B
	ND	34	28	ug/kg	83 p	30	SW846 8260B
1,2-Dibromoethane	ND	40	31	ug/kg	77		SW846 8260B
	ND	34	25	ug/kg	75	19	SW846 8260B
1,2-Dichlorobenzene	ND	40	29	ug/kg	71		SW846 8260B
	ND	34	22	ug/kg	64 p	28	SW846 8260B
1,3-Dichlorobenzene	ND	40	29	ug/kg	72		SW846 8260B
	ND	34	22	ug/kg	64 p	28	SW846 8260B
1,4-Dichlorobenzene	ND	40	27	ug/kg	68		SW846 8260B
	ND	34	21	ug/kg	61 p	27	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	40	29	ug/kg	73		SW846 8260B
	ND	34	21	ug/kg	63 p	30	SW846 8260B
1,1-Dichloroethane	ND	40	41	ug/kg	101		SW846 8260B
	ND	34	31	ug/kg	91	28	SW846 8260B
1,2-Dichloroethane	ND	40	36	ug/kg	89		SW846 8260B
	ND	34	28	ug/kg	83	24	SW846 8260B
1,1-Dichloroethene	**ND**	**40**	**42**	**ug/kg**	**105**		**SW846 8260B**
	ND	**34**	**31**	**ug/kg**	**91 p**	**30**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	40	40	ug/kg	99		SW846 8260B
	ND	34	30	ug/kg	88	28	SW846 8260B
trans-1,2-Dichloroethene	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	30	ug/kg	88	32	SW846 8260B
1,2-Dichloropropane	ND	40	37	ug/kg	93		SW846 8260B
	ND	34	29	ug/kg	87	24	SW846 8260B
cis-1,3-Dichloropropene	ND	40	33	ug/kg	82		SW846 8260B
	ND	34	26	ug/kg	77	23	SW846 8260B
trans-1,3-Dichloropropene	ND	40	29	ug/kg	73		SW846 8260B
	ND	34	24	ug/kg	71	19	SW846 8260B
Ethylbenzene	ND	40	34	ug/kg	86		SW846 8260B
	ND	34	26	ug/kg	77	27	SW846 8260B
Trichlorofluoromethane	ND	40	43	ug/kg	106		SW846 8260B
	ND	34	33	ug/kg	96 p	26	SW846 8260B
2-Hexanone	ND	40	30	ug/kg	75		SW846 8260B
	ND	34	26	ug/kg	76	15	SW846 8260B
Isopropylbenzene	ND	40	40	ug/kg	100		SW846 8260B
	ND	34	30	ug/kg	87 p	30	SW846 8260B
Methyl acetate	ND	40	43	ug/kg	108		SW846 8260B
	ND	34	34	ug/kg	99 p	25	SW846 8260B
Methylcyclohexane	ND	40	38	ug/kg	95		SW846 8260B
	ND	34	27	ug/kg	81 p	32	SW846 8260B
Methylene chloride	1.2	40	44	ug/kg	107		SW846 8260B
	1.2	34	32	ug/kg	91	32	SW846 8260B
4-Methyl-2-pentanone	ND	40	36	ug/kg	91		SW846 8260B
	ND	34	30	ug/kg	89	18	SW846 8260B
Styrene	ND	40	33	ug/kg	82		SW846 8260B
	ND	34	25	ug/kg	74	26	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	40	33	ug/kg	81		SW846 8260B
	ND	34	26	ug/kg	77	22	SW846 8260B
Tetrachloroethene	ND	40	35	ug/kg	88		SW846 8260B
	ND	34	27	ug/kg	79	27	SW846 8260B
Toluene	**ND**	**40**	**34**	**ug/kg**	**84**		**SW846 8260B**
	ND	**34**	**26**	**ug/kg**	**78**	**24**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	40	23	ug/kg	56		SW846 8260B
	ND	34	18	ug/kg	54 p	21	SW846 8260B
1,1,1-Trichloroethane	ND	40	41	ug/kg	103		SW846 8260B
	ND	34	31	ug/kg	92	28	SW846 8260B
1,1,2-Trichloroethane	ND	40	33	ug/kg	84		SW846 8260B
	ND	34	27	ug/kg	79	22	SW846 8260B
Trichloroethene	**ND**	**40**	**37**	**ug/kg**	**92**		**SW846 8260B**
	ND	**34**	**28**	**ug/kg**	**83 p**	**27**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	40	49	ug/kg	122		SW846 8260B
	ND	34	37	ug/kg	108 p	29	SW846 8260B
1,2,4-Trimethylbenzene	ND	40	33	ug/kg	82		SW846 8260B
	ND	34	25	ug/kg	73	28	SW846 8260B
1,3,5-Trimethylbenzene	ND	40	34	ug/kg	86		SW846 8260B
	ND	34	25	ug/kg	75	30	SW846 8260B
Vinyl chloride	ND	40	36	ug/kg	90		SW846 8260B
	ND	34	28	ug/kg	81	27	SW846 8260B
Xylenes (total)	ND	120	100	ug/kg	87		SW846 8260B
	ND	100	79	ug/kg	78	28	SW846 8260B
Methyl tert-butyl ether	ND	40	42	ug/kg	105		SW846 8260B
	ND	34	32	ug/kg	95	26	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	88	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	90	(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

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 #...: A7J130121 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/15/07
Prep Batch #...: 7289285
Dilution Factor: 0.73 **% Moisture.....:** 9.1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	94	(10 - 200)			SW846 8260B
	87	(10 - 200)	24	(0-66)	SW846 8260B
Benzene	**95**	**(55 - 138)**			**SW846 8260B**
	85 p	**(55 - 138)**	**27**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	88	(47 - 131)			SW846 8260B
	81	(47 - 131)	25	(0-51)	SW846 8260B
Bromoform	81	(26 - 141)			SW846 8260B
	75	(26 - 141)	25	(0-64)	SW846 8260B
Bromomethane	101	(15 - 152)			SW846 8260B
	91	(15 - 152)	27	(0-72)	SW846 8260B
2-Butanone	92	(21 - 195)			SW846 8260B
	91	(21 - 195)	18	(0-60)	SW846 8260B
Carbon disulfide	103	(27 - 149)			SW846 8260B
	91	(27 - 149)	30	(0-73)	SW846 8260B
Carbon tetrachloride	99	(32 - 143)			SW846 8260B
	88	(32 - 143)	28	(0-68)	SW846 8260B
Chlorobenzene	**80**	**(49 - 139)**			**SW846 8260B**
	73 p	**(49 - 139)**	**26**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	81	(44 - 135)			SW846 8260B
	78	(44 - 135)	20	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	71	(50 - 150)			SW846 8260B
	72	(50 - 150)	16	(0-20)	SW846 8260B
Chloroethane	103	(32 - 140)			SW846 8260B
	90	(32 - 140)	30	(0-66)	SW846 8260B
Chloroform	97	(59 - 128)			SW846 8260B
	86	(59 - 128)	28	(0-46)	SW846 8260B
Chloromethane	93	(28 - 130)			SW846 8260B
	82	(28 - 130)	29	(0-81)	SW846 8260B
Cyclohexane	94	(50 - 150)			SW846 8260B
	83 p	(50 - 150)	30	(0-20)	SW846 8260B
1,2-Dibromoethane	77	(50 - 150)			SW846 8260B
	75	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dichlorobenzene	71	(50 - 150)			SW846 8260B
	64 p	(50 - 150)	28	(0-20)	SW846 8260B
1,3-Dichlorobenzene	72	(50 - 150)			SW846 8260B
	64 p	(50 - 150)	28	(0-20)	SW846 8260B
1,4-Dichlorobenzene	68	(50 - 150)			SW846 8260B
	61 p	(50 - 150)	27	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	73	(50 - 150)			SW846 8260B
	63 p	(50 - 150)	30	(0-20)	SW846 8260B
1,1-Dichloroethane	101	(56 - 130)			SW846 8260B
	91	(56 - 130)	28	(0-54)	SW846 8260B
1,2-Dichloroethane	89	(56 - 126)			SW846 8260B
	83	(56 - 126)	24	(0-38)	SW846 8260B
1,1-Dichloroethene	**105**	**(43 - 147)**			**SW846 8260B**
	91 p	**(43 - 147)**	**30**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	99	(48 - 127)			SW846 8260B
	88	(48 - 127)	28	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	103	(47 - 127)			SW846 8260B
	88	(47 - 127)	32	(0-58)	SW846 8260B
1,2-Dichloropropane	93	(54 - 125)			SW846 8260B
	87	(54 - 125)	24	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	82	(30 - 138)			SW846 8260B
	77	(30 - 138)	23	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	73	(34 - 134)			SW846 8260B
	71	(34 - 134)	19	(0-57)	SW846 8260B
Ethylbenzene	86	(36 - 133)			SW846 8260B
	77	(36 - 133)	27	(0-72)	SW846 8260B
Trichlorofluoromethane	106	(50 - 150)			SW846 8260B
	96 p	(50 - 150)	26	(0-20)	SW846 8260B
2-Hexanone	75	(20 - 190)			SW846 8260B
	76	(20 - 190)	15	(0-70)	SW846 8260B
Isopropylbenzene	100	(50 - 150)			SW846 8260B
	87 p	(50 - 150)	30	(0-20)	SW846 8260B
Methyl acetate	108	(50 - 150)			SW846 8260B
	99 p	(50 - 150)	25	(0-20)	SW846 8260B
Methylcyclohexane	95	(50 - 150)			SW846 8260B
	81 p	(50 - 150)	32	(0-20)	SW846 8260B
Methylene chloride	107	(45 - 129)			SW846 8260B
	91	(45 - 129)	32	(0-49)	SW846 8260B
4-Methyl-2-pentanone	91	(42 - 143)			SW846 8260B
	89	(42 - 143)	18	(0-60)	SW846 8260B
Styrene	82	(23 - 136)			SW846 8260B
	74	(23 - 136)	26	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	81	(33 - 162)			SW846 8260B
	77	(33 - 162)	22	(0-90)	SW846 8260B
Tetrachloroethene	88	(31 - 137)			SW846 8260B
	79	(31 - 137)	27	(0-81)	SW846 8260B
Toluene	**84**	**(46 - 147)**			**SW846 8260B**
	78	**(46 - 147)**	**24**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1GA-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1GC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	56	(50 - 150)			SW846 8260B
	54 p	(50 - 150)	21	(0-20)	SW846 8260B
1,1,1-Trichloroethane	103	(48 - 132)			SW846 8260B
	92	(48 - 132)	28	(0-57)	SW846 8260B
1,1,2-Trichloroethane	84	(58 - 128)			SW846 8260B
	79	(58 - 128)	22	(0-52)	SW846 8260B
Trichloroethene	**92**	**(46 - 143)**			**SW846 8260B**
	83 p	**(46 - 143)**	**27**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	122	(50 - 150)			SW846 8260B
	108 p	(50 - 150)	29	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	73	(70 - 130)	28	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	75	(70 - 130)	30	(0-30)	SW846 8260B
Vinyl chloride	90	(30 - 136)			SW846 8260B
	81	(30 - 136)	27	(0-80)	SW846 8260B
Xylenes (total)	87	(33 - 135)			SW846 8260B
	78	(33 - 135)	28	(0-78)	SW846 8260B
Methyl tert-butyl ether	105	(70 - 130)			SW846 8260B
	95	(70 - 130)	26	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(59 - 138)
	92	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
	87	(61 - 130)
Toluene-d8	88	(60 - 143)
	85	(60 - 143)
4-Bromofluorobenzene	90	(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

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 Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD
Date Sampled...: 10/15/07 09:30 **Date Received..:** 10/15/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	58	64	ug/kg	106		SW846 8260B
	ND	58	66	ug/kg	110	3.3	SW846 8260B
Benzene	**ND**	**58**	**60**	**ug/kg**	**103**		**SW846 8260B**
	ND	**58**	**52**	**ug/kg**	**90**	**14**	**SW846 8260B**
Bromodichloromethane	ND	58	59	ug/kg	103		SW846 8260B
	ND	58	55	ug/kg	95	7.8	SW846 8260B
Bromoform	ND	58	59	ug/kg	102		SW846 8260B
	ND	58	60	ug/kg	104	2.6	SW846 8260B
Bromomethane	ND	58	59	ug/kg	103		SW846 8260B
	ND	58	53	ug/kg	93	11	SW846 8260B
2-Butanone	ND	58	62	ug/kg	107		SW846 8260B
	ND	58	62	ug/kg	107	0.38	SW846 8260B
Carbon disulfide	ND	58	64	ug/kg	112		SW846 8260B
	ND	58	54	ug/kg	94	17	SW846 8260B
Carbon tetrachloride	ND	58	62	ug/kg	107		SW846 8260B
	ND	58	52	ug/kg	89	18	SW846 8260B
Chlorobenzene	**ND**	**58**	**52**	**ug/kg**	**90**		**SW846 8260B**
	ND	**58**	**47**	**ug/kg**	**81**	**10**	**SW846 8260B**
Dibromochloromethane	ND	58	59	ug/kg	102		SW846 8260B
	ND	58	55	ug/kg	96	6.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	58	56	ug/kg	97		SW846 8260B
	ND	58	56	ug/kg	96	0.68	SW846 8260B
Chloroethane	ND	58	62	ug/kg	108		SW846 8260B
	ND	58	55	ug/kg	96	12	SW846 8260B
Chloroform	ND	58	60	ug/kg	104		SW846 8260B
	ND	58	55	ug/kg	96	8.6	SW846 8260B
Chloromethane	ND	58	55	ug/kg	96		SW846 8260B
	ND	58	47	ug/kg	82	15	SW846 8260B
Cyclohexane	ND	58	59	ug/kg	102		SW846 8260B
	ND	58	49	ug/kg	85	19	SW846 8260B
1,2-Dibromoethane	ND	58	58	ug/kg	100		SW846 8260B
	ND	58	54	ug/kg	94	5.7	SW846 8260B
1,2-Dichlorobenzene	ND	58	47	ug/kg	81		SW846 8260B
	ND	58	42	ug/kg	73	9.5	SW846 8260B
1,3-Dichlorobenzene	ND	58	46	ug/kg	80		SW846 8260B
	ND	58	41	ug/kg	70	13	SW846 8260B
1,4-Dichlorobenzene	ND	58	44	ug/kg	77		SW846 8260B
	ND	58	40	ug/kg	68	12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	58	44	ug/kg	76		SW846 8260B
	ND	58	34	ug/kg	59 p	25	SW846 8260B
1,1-Dichloroethane	ND	58	64	ug/kg	110		SW846 8260B
	ND	58	55	ug/kg	96	14	SW846 8260B
1,2-Dichloroethane	ND	58	60	ug/kg	104		SW846 8260B
	ND	58	56	ug/kg	97	6.7	SW846 8260B
1,1-Dichloroethene	**ND**	**58**	**65**	**ug/kg**	**113**		**SW846 8260B**
	ND	**58**	**54**	**ug/kg**	**94**	**18**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	58	63	ug/kg	109		SW846 8260B
	ND	58	57	ug/kg	99	9.2	SW846 8260B
trans-1,2-Dichloroethene	ND	58	65	ug/kg	112		SW846 8260B
	ND	58	54	ug/kg	93	18	SW846 8260B
1,2-Dichloropropane	ND	58	60	ug/kg	103		SW846 8260B
	ND	58	55	ug/kg	95	8.9	SW846 8260B
cis-1,3-Dichloropropene	ND	58	54	ug/kg	94		SW846 8260B
	ND	58	53	ug/kg	92	3.0	SW846 8260B
trans-1,3-Dichloropropene	ND	58	53	ug/kg	92		SW846 8260B
	ND	58	50	ug/kg	86	6.1	SW846 8260B
Ethylbenzene	ND	58	52	ug/kg	90		SW846 8260B
	ND	58	46	ug/kg	79	13	SW846 8260B
Trichlorofluoromethane	ND	58	67	ug/kg	116		SW846 8260B
	ND	58	55	ug/kg	95	20	SW846 8260B
2-Hexanone	ND	58	53	ug/kg	92		SW846 8260B
	ND	58	55	ug/kg	95	2.9	SW846 8260B
Isopropylbenzene	ND	58	57	ug/kg	98		SW846 8260B
	ND	58	52	ug/kg	91	8.3	SW846 8260B
Methyl acetate	ND	58	69	ug/kg	120		SW846 8260B
	ND	58	72	ug/kg	125	4.5	SW846 8260B
Methylcyclohexane	ND	58	59	ug/kg	101		SW846 8260B
	ND	58	48	ug/kg	84	19	SW846 8260B
Methylene chloride	0.79	58	68	ug/kg	116		SW846 8260B
	0.79	58	62	ug/kg	107	7.8	SW846 8260B
4-Methyl-2-pentanone	ND	58	60	ug/kg	103		SW846 8260B
	ND	58	62	ug/kg	108	4.7	SW846 8260B
Styrene	ND	58	50	ug/kg	87		SW846 8260B
	ND	58	48	ug/kg	84	4.1	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	58	64	ug/kg	111		SW846 8260B
	ND	58	56	ug/kg	97	14	SW846 8260B
Tetrachloroethene	ND	58	53	ug/kg	92		SW846 8260B
	ND	58	45	ug/kg	79	16	SW846 8260B
Toluene	**ND**	**58**	**55**	**ug/kg**	**95**		**SW846 8260B**
	ND	**58**	**46**	**ug/kg**	**79**	**18**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	58	33	ug/kg	57		SW846 8260B
	ND	58	36	ug/kg	63	9.2	SW846 8260B
1,1,1-Trichloroethane	ND	58	65	ug/kg	112		SW846 8260B
	ND	58	55	ug/kg	95	17	SW846 8260B
1,1,2-Trichloroethane	ND	58	58	ug/kg	100		SW846 8260B
	ND	58	53	ug/kg	92	8.4	SW846 8260B
Trichloroethene	**ND**	**58**	**58**	**ug/kg**	**101**		**SW846 8260B**
	ND	**58**	**51**	**ug/kg**	**88**	**14**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	58	76	ug/kg	131		SW846 8260B
	ND	58	61	ug/kg	106 p	21	SW846 8260B
1,2,4-Trimethylbenzene	ND	58	50	ug/kg	86		SW846 8260B
	ND	58	42	ug/kg	72	17	SW846 8260B
1,3,5-Trimethylbenzene	ND	58	51	ug/kg	89		SW846 8260B
	ND	58	43	ug/kg	75	17	SW846 8260B
Vinyl chloride	ND	58	54	ug/kg	93		SW846 8260B
	ND	58	46	ug/kg	80	15	SW846 8260B
Xylenes (total)	ND	170	160	ug/kg	90		SW846 8260B
	ND	170	140	ug/kg	82	9.2	SW846 8260B
Methyl tert-butyl ether	ND	58	62	ug/kg	108		SW846 8260B
	ND	58	64	ug/kg	111	3.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
	96	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
	94	(61 - 130)
Toluene-d8	84	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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

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 #...: A7J130121 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD
Date Sampled...: 10/15/07 09:30 **Date Received..:** 10/15/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	106	(10 - 200)			SW846 8260B
	110	(10 - 200)	3.3	(0-66)	SW846 8260B
Benzene	**103**	**(55 - 138)**			**SW846 8260B**
	90	**(55 - 138)**	**14**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	103	(47 - 131)			SW846 8260B
	95	(47 - 131)	7.8	(0-51)	SW846 8260B
Bromoform	102	(26 - 141)			SW846 8260B
	104	(26 - 141)	2.6	(0-64)	SW846 8260B
Bromomethane	103	(15 - 152)			SW846 8260B
	93	(15 - 152)	11	(0-72)	SW846 8260B
2-Butanone	107	(21 - 195)			SW846 8260B
	107	(21 - 195)	0.38	(0-60)	SW846 8260B
Carbon disulfide	112	(27 - 149)			SW846 8260B
	94	(27 - 149)	17	(0-73)	SW846 8260B
Carbon tetrachloride	107	(32 - 143)			SW846 8260B
	89	(32 - 143)	18	(0-68)	SW846 8260B
Chlorobenzene	**90**	**(49 - 139)**			**SW846 8260B**
	81	**(49 - 139)**	**10**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	102	(44 - 135)			SW846 8260B
	96	(44 - 135)	6.6	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	97	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.68	(0-20)	SW846 8260B
Chloroethane	108	(32 - 140)			SW846 8260B
	96	(32 - 140)	12	(0-66)	SW846 8260B
Chloroform	104	(59 - 128)			SW846 8260B
	96	(59 - 128)	8.6	(0-46)	SW846 8260B
Chloromethane	96	(28 - 130)			SW846 8260B
	82	(28 - 130)	15	(0-81)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	85	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dibromoethane	100	(50 - 150)			SW846 8260B
	94	(50 - 150)	5.7	(0-20)	SW846 8260B
1,2-Dichlorobenzene	81	(50 - 150)			SW846 8260B
	73	(50 - 150)	9.5	(0-20)	SW846 8260B
1,3-Dichlorobenzene	80	(50 - 150)			SW846 8260B
	70	(50 - 150)	13	(0-20)	SW846 8260B
1,4-Dichlorobenzene	77	(50 - 150)			SW846 8260B
	68	(50 - 150)	12	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	76	(50 - 150)			SW846 8260B
	59 p	(50 - 150)	25	(0-20)	SW846 8260B
1,1-Dichloroethane	110	(56 - 130)			SW846 8260B
	96	(56 - 130)	14	(0-54)	SW846 8260B
1,2-Dichloroethane	104	(56 - 126)			SW846 8260B
	97	(56 - 126)	6.7	(0-38)	SW846 8260B
1,1-Dichloroethene	**113**	**(43 - 147)**			**SW846 8260B**
	94	**(43 - 147)**	**18**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	109	(48 - 127)			SW846 8260B
	99	(48 - 127)	9.2	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	112	(47 - 127)			SW846 8260B
	93	(47 - 127)	18	(0-58)	SW846 8260B
1,2-Dichloropropane	103	(54 - 125)			SW846 8260B
	95	(54 - 125)	8.9	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	94	(30 - 138)			SW846 8260B
	92	(30 - 138)	3.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	92	(34 - 134)			SW846 8260B
	86	(34 - 134)	6.1	(0-57)	SW846 8260B
Ethylbenzene	90	(36 - 133)			SW846 8260B
	79	(36 - 133)	13	(0-72)	SW846 8260B
Trichlorofluoromethane	116	(50 - 150)			SW846 8260B
	95	(50 - 150)	20	(0-20)	SW846 8260B
2-Hexanone	92	(20 - 190)			SW846 8260B
	95	(20 - 190)	2.9	(0-70)	SW846 8260B
Isopropylbenzene	98	(50 - 150)			SW846 8260B
	91	(50 - 150)	8.3	(0-20)	SW846 8260B
Methyl acetate	120	(50 - 150)			SW846 8260B
	125	(50 - 150)	4.5	(0-20)	SW846 8260B
Methylcyclohexane	101	(50 - 150)			SW846 8260B
	84	(50 - 150)	19	(0-20)	SW846 8260B
Methylene chloride	116	(45 - 129)			SW846 8260B
	107	(45 - 129)	7.8	(0-49)	SW846 8260B
4-Methyl-2-pentanone	103	(42 - 143)			SW846 8260B
	108	(42 - 143)	4.7	(0-60)	SW846 8260B
Styrene	87	(23 - 136)			SW846 8260B
	84	(23 - 136)	4.1	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	111	(33 - 162)			SW846 8260B
	97	(33 - 162)	14	(0-90)	SW846 8260B
Tetrachloroethene	92	(31 - 137)			SW846 8260B
	79	(31 - 137)	16	(0-81)	SW846 8260B
Toluene	**95**	**(46 - 147)**			**SW846 8260B**
	79	**(46 - 147)**	**18**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J130121 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	57	(50 - 150)			SW846 8260B
	63	(50 - 150)	9.2	(0-20)	SW846 8260B
1,1,1-Trichloroethane	112	(48 - 132)			SW846 8260B
	95	(48 - 132)	17	(0-57)	SW846 8260B
1,1,2-Trichloroethane	100	(58 - 128)			SW846 8260B
	92	(58 - 128)	8.4	(0-52)	SW846 8260B
Trichloroethene	**101**	**(46 - 143)**			**SW846 8260B**
	88	**(46 - 143)**	**14**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	131	(50 - 150)			SW846 8260B
	106 p	(50 - 150)	21	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	72	(70 - 130)	17	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	75	(70 - 130)	17	(0-30)	SW846 8260B
Vinyl chloride	93	(30 - 136)			SW846 8260B
	80	(30 - 136)	15	(0-80)	SW846 8260B
Xylenes (total)	90	(33 - 135)			SW846 8260B
	82	(33 - 135)	9.2	(0-78)	SW846 8260B
Methyl tert-butyl ether	108	(70 - 130)			SW846 8260B
	111	(70 - 130)	3.1	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
	96	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
	94	(61 - 130)
Toluene-d8	84	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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

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 #...: A7J130121 **Work Order #...:** J80K01AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J150000-046

Prep Date.....: 10/15/07
Analysis Date..: 10/17/07 **Prep Batch #...:** 7288046
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 #...: A7J130121 **Work Order #...:** J80K01AA **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	88	(24 - 112)
2-Fluorobiphenyl	88	(34 - 110)
Terphenyl-d14	105	(41 - 119)
Phenol-d5	86	(28 - 110)
2-Fluorophenol	87	(26 - 110)
2,4,6-Tribromophenol	54	(10 - 118)

(Continued on next page)

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J80K01AA **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 #...: A7J130121 **Work Order #...:** J80K01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-046
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Pyridine	670	390	ug/kg	58	SW846 8270C
bis(2-Chloroisopropyl) ether	670	640	ug/kg	95	SW846 8270C
Acenaphthene	**670**	**550**	**ug/kg**	**83**	**SW846 8270C**
Acenaphthylene	670	570	ug/kg	85	SW846 8270C
Acetophenone	670	530	ug/kg	80	SW846 8270C
Anthracene	670	600	ug/kg	90	SW846 8270C
Atrazine	670	750	ug/kg	112	SW846 8270C
Benzo(a)anthracene	670	570	ug/kg	86	SW846 8270C
Benzo(a)pyrene	670	610	ug/kg	92	SW846 8270C
Benzo(b)fluoranthene	670	600	ug/kg	91	SW846 8270C
Benzo(ghi)perylene	670	620	ug/kg	93	SW846 8270C
Benzo(k)fluoranthene	670	610	ug/kg	92	SW846 8270C
Benzaldehyde	670	640	ug/kg	96	SW846 8270C
1,1'-Biphenyl	670	560	ug/kg	84	SW846 8270C
bis(2-Chloroethoxy) methane	670	580	ug/kg	86	SW846 8270C
bis(2-Chloroethyl)- ether	670	650	ug/kg	97	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	650	ug/kg	97	SW846 8270C
4-Bromophenyl phenyl ether	670	620	ug/kg	93	SW846 8270C
Butyl benzyl phthalate	670	660	ug/kg	100	SW846 8270C
Caprolactam	670	630	ug/kg	95	SW846 8270C
Carbazole	670	620	ug/kg	93	SW846 8270C
4-Chloroaniline	670	430	ug/kg	64	SW846 8270C
4-Chloro-3-methylphenol	**670**	**570**	**ug/kg**	**86**	**SW846 8270C**
2-Chloronaphthalene	670	570	ug/kg	85	SW846 8270C
2-Chlorophenol	**670**	**550**	**ug/kg**	**83**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	640	ug/kg	97	SW846 8270C
Chrysene	670	610	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 #...: A7J130121 **Work Order #...:** J80K01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-046

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	580	ug/kg	87	SW846 8270C
3,3'-Dichlorobenzidine	670	340	ug/kg	51	SW846 8270C
2,4-Dichlorophenol	670	540	ug/kg	81	SW846 8270C
Diethyl phthalate	670	660	ug/kg	99	SW846 8270C
2,4-Dimethylphenol	670	470	ug/kg	71	SW846 8270C
Dimethyl phthalate	670	650	ug/kg	97	SW846 8270C
Di-n-butyl phthalate	670	680	ug/kg	103	SW846 8270C
4,6-Dinitro-2-methylphenol	670	450	ug/kg	67	SW846 8270C
2,4-Dinitrophenol	670	240	ug/kg	36	SW846 8270C
2,4-Dinitrotoluene	**670**	**680**	**ug/kg**	**101**	**SW846 8270C**
2,6-Dinitrotoluene	670	650	ug/kg	98	SW846 8270C
Di-n-octyl phthalate	670	720	ug/kg	109	SW846 8270C
Fluoranthene	670	640	ug/kg	96	SW846 8270C
Fluorene	670	570	ug/kg	85	SW846 8270C
Hexachlorobenzene	670	590	ug/kg	89	SW846 8270C
Hexachlorobutadiene	670	580	ug/kg	87	SW846 8270C
Hexachlorocyclopenta-diene	670	470	ug/kg	71	SW846 8270C
Hexachloroethane	670	550	ug/kg	82	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	630	ug/kg	95	SW846 8270C
Isophorone	670	630	ug/kg	94	SW846 8270C
2-Methylnaphthalene	670	600	ug/kg	91	SW846 8270C
2-Methylphenol	670	580	ug/kg	87	SW846 8270C
4-Methylphenol	1300	1100	ug/kg	82	SW846 8270C
Naphthalene	670	530	ug/kg	80	SW846 8270C
2-Nitroaniline	670	650	ug/kg	98	SW846 8270C
3-Nitroaniline	670	540	ug/kg	81	SW846 8270C
4-Nitroaniline	670	600	ug/kg	90	SW846 8270C
Nitrobenzene	670	580	ug/kg	88	SW846 8270C
2-Nitrophenol	670	560	ug/kg	83	SW846 8270C
4-Nitrophenol	**670**	**530**	**ug/kg**	**79**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**580**	**ug/kg**	**87**	**SW846 8270C**
N-Nitrosodiphenylamine	670	660	ug/kg	98	SW846 8270C
Pentachlorophenol	**670**	**340**	**ug/kg**	**52**	**SW846 8270C**
Phenanthrene	670	570	ug/kg	86	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J80K01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-046

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**540**	**ug/kg**	**82**	**SW846 8270C**
Pyrene	**670**	**610**	**ug/kg**	**91**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	590	ug/kg	88	SW846 8270C
2,4,6-Trichloro-phenol	670	520	ug/kg	78	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(24 - 112)
2-Fluorobiphenyl	84	(34 - 110)
Terphenyl-d14	101	(41 - 119)
Phenol-d5	80	(28 - 110)
2-Fluorophenol	81	(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 #...: A7J130121 **Work Order #...:** J80K01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-046
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Pyridine	58	(22 - 110)	SW846 8270C
bis(2-Chloroisopropyl) ether	95	(36 - 116)	SW846 8270C
Acenaphthene	**83**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	85	(47 - 110)	SW846 8270C
Acetophenone	80	(50 - 130)	SW846 8270C
Anthracene	90	(56 - 111)	SW846 8270C
Atrazine	112	(50 - 130)	SW846 8270C
Benzo(a)anthracene	86	(58 - 111)	SW846 8270C
Benzo(a)pyrene	92	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	91	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	93	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	92	(38 - 122)	SW846 8270C
Benzaldehyde	96	(10 - 130)	SW846 8270C
1,1'-Biphenyl	84	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	86	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	97	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	97	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	93	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	100	(57 - 121)	SW846 8270C
Caprolactam	95	(50 - 130)	SW846 8270C
Carbazole	93	(56 - 115)	SW846 8270C
4-Chloroaniline	64	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**86**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	85	(46 - 110)	SW846 8270C
2-Chlorophenol	**83**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	97	(53 - 110)	SW846 8270C
Chrysene	91	(56 - 111)	SW846 8270C
Dibenz(a,h)anthracene	94	(45 - 122)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J80K01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-046

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	87	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	51	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	81	(40 - 110)	SW846 8270C
Diethyl phthalate	99	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	71	(28 - 110)	SW846 8270C
Dimethyl phthalate	97	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	103	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	67	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	36	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**101**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	98	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	109	(45 - 123)	SW846 8270C
Fluoranthene	96	(55 - 118)	SW846 8270C
Fluorene	85	(51 - 110)	SW846 8270C
Hexachlorobenzene	89	(51 - 110)	SW846 8270C
Hexachlorobutadiene	87	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	71	(10 - 110)	SW846 8270C
Hexachloroethane	82	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	95	(45 - 121)	SW846 8270C
Isophorone	94	(46 - 117)	SW846 8270C
2-Methylnaphthalene	91	(46 - 110)	SW846 8270C
2-Methylphenol	87	(36 - 110)	SW846 8270C
4-Methylphenol	82	(40 - 110)	SW846 8270C
Naphthalene	80	(42 - 110)	SW846 8270C
2-Nitroaniline	98	(47 - 124)	SW846 8270C
3-Nitroaniline	81	(44 - 110)	SW846 8270C
4-Nitroaniline	90	(50 - 110)	SW846 8270C
Nitrobenzene	88	(40 - 110)	SW846 8270C
2-Nitrophenol	83	(35 - 110)	SW846 8270C
4-Nitrophenol	**79**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**87**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	98	(54 - 112)	SW846 8270C
Pentachlorophenol	**52**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	86	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J80K01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-046

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**82**	**(39 - 110)**	**SW846 8270C**
Pyrene	**91**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	88	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	78	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	86	(24 - 112)
2-Fluorobiphenyl	84	(34 - 110)
Terphenyl-d14	101	(41 - 119)
Phenol-d5	80	(28 - 110)
2-Fluorophenol	81	(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 #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD
Date Sampled...: 10/09/07 09:36 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
Dilution Factor: 1 **% Moisture.....:** 12

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	760	550	ug/kg	73		SW846 8270C
	ND	760	550	ug/kg	72	0.12	SW846 8270C
Pyridine	ND	760	340	ug/kg	45		SW846 8270C
	ND	760	350	ug/kg	46	3.7	SW846 8270C
Acenaphthene	**ND**	**760**	**540**	**ug/kg**	**72**		**SW846 8270C**
	ND	**760**	**580**	**ug/kg**	**77**	**7.1**	**SW846 8270C**
Acenaphthylene	ND	760	560	ug/kg	73		SW846 8270C
	ND	760	570	ug/kg	75	2.6	SW846 8270C
Acetophenone	ND	760	500	ug/kg	66		SW846 8270C
	ND	760	500	ug/kg	66	0.78	SW846 8270C
Anthracene	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	610	ug/kg	80	4.4	SW846 8270C
Atrazine	ND	760	760	ug/kg	100		SW846 8270C
	ND	760	780	ug/kg	102	2.7	SW846 8270C
Benzo(a)anthracene	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	590	ug/kg	78	2.8	SW846 8270C
Benzo(a)pyrene	ND	760	610	ug/kg	80		SW846 8270C
	ND	760	610	ug/kg	81	0.56	SW846 8270C
Benzo(b)fluoranthene	ND	760	610	ug/kg	80		SW846 8270C
	ND	760	630	ug/kg	83	3.7	SW846 8270C
Benzo(ghi)perylene	ND	760	570	ug/kg	75		SW846 8270C
	ND	760	560	ug/kg	74	0.41	SW846 8270C
Benzo(k)fluoranthene	ND	760	600	ug/kg	80		SW846 8270C
	ND	760	610	ug/kg	80	1.1	SW846 8270C
Benzaldehyde	ND	760	520	ug/kg	69		SW846 8270C
	ND	760	530	ug/kg	70	1.4	SW846 8270C
1,1'-Biphenyl	ND	760	520	ug/kg	69		SW846 8270C
	ND	760	550	ug/kg	72	4.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	760	520	ug/kg	69		SW846 8270C
	ND	760	510	ug/kg	67	2.9	SW846 8270C
bis(2-Chloroethyl)-ether	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	570	ug/kg	76	4.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	20	760	650	ug/kg	83		SW846 8270C
	20	760	670	ug/kg	85	3.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	760	620	ug/kg	82		SW846 8270C
	ND	760	640	ug/kg	84	3.3	SW846 8270C
Butyl benzyl phthalate	ND	760	640	ug/kg	84		SW846 8270C
	ND	760	670	ug/kg	88	4.5	SW846 8270C
Caprolactam	ND	760	680	ug/kg	89		SW846 8270C
	ND	760	710	ug/kg	94	5.2	SW846 8270C
Carbazole	ND	760	610	ug/kg	81		SW846 8270C
	ND	760	640	ug/kg	84	4.5	SW846 8270C
4-Chloroaniline	ND	760	390	ug/kg	51		SW846 8270C
	ND	760	420	ug/kg	56	8.3	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**760**	**640**	**ug/kg**	**84**		**SW846 8270C**
	ND	**760**	**650**	**ug/kg**	**86**	**2.0**	**SW846 8270C**
2-Chloronaphthalene	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	550	ug/kg	73	2.8	SW846 8270C
2-Chlorophenol	**ND**	**760**	**520**	**ug/kg**	**68**		**SW846 8270C**
	ND	**760**	**510**	**ug/kg**	**67**	**2.5**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	760	650	ug/kg	85		SW846 8270C
	ND	760	660	ug/kg	87	1.5	SW846 8270C
Chrysene	7.7	760	610	ug/kg	79		SW846 8270C
	7.7	760	630	ug/kg	82	3.8	SW846 8270C
Dibenz(a,h)anthracene	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	590	ug/kg	78	1.3	SW846 8270C
Dibenzofuran	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	590	ug/kg	78	2.2	SW846 8270C
3,3'-Dichlorobenzidine	ND	760	330	ug/kg	44		SW846 8270C
	ND	760	360	ug/kg	47	5.8	SW846 8270C
2,4-Dichlorophenol	ND	760	570	ug/kg	75		SW846 8270C
	ND	760	570	ug/kg	75	0.07	SW846 8270C
Diethyl phthalate	ND	760	640	ug/kg	84		SW846 8270C
	ND	760	660	ug/kg	87	3.6	SW846 8270C
2,4-Dimethylphenol	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	540	ug/kg	72	0.30	SW846 8270C
Dimethyl phthalate	ND	760	620	ug/kg	81		SW846 8270C
	ND	760	640	ug/kg	84	3.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	760	660	ug/kg	86		SW846 8270C
	ND	760	690	ug/kg	91	4.6	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	760	390	ug/kg	52		SW846 8270C
	ND	760	410	ug/kg	54	3.8	SW846 8270C
2,4-Dinitrophenol	ND	760	280	ug/kg	36		SW846 8270C
	ND	760	290	ug/kg	38	5.1	SW846 8270C
2,4-Dinitrotoluene	**ND**	**760**	**670**	**ug/kg**	**88**		**SW846 8270C**
	ND	**760**	**700**	**ug/kg**	**92**	**4.3**	**SW846 8270C**
2,6-Dinitrotoluene	ND	760	640	ug/kg	85		SW846 8270C
	ND	760	670	ug/kg	88	4.3	SW846 8270C
Di-n-octyl phthalate	ND	760	710	ug/kg	93		SW846 8270C
	ND	760	730	ug/kg	97	3.5	SW846 8270C
Fluoranthene	12	760	650	ug/kg	84		SW846 8270C
	12	760	680	ug/kg	88	4.5	SW846 8270C
Fluorene	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	610	ug/kg	81	4.7	SW846 8270C
Hexachlorobenzene	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	600	ug/kg	80	3.7	SW846 8270C
Hexachlorobutadiene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	500	ug/kg	66	1.5	SW846 8270C
Hexachlorocyclopenta-diene	ND	760	30	ug/kg	4.0 a		SW846 8270C
	ND	760	0.0	ug/kg	0.0	200	SW846 8270C
	Qualifiers:		a,p				
Hexachloroethane	ND	760	450	ug/kg	59		SW846 8270C
	ND	760	460	ug/kg	61	2.8	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	590	ug/kg	78	0.19	SW846 8270C
Isophorone	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	570	ug/kg	76	1.5	SW846 8270C
2-Methylnaphthalene	ND	760	580	ug/kg	77		SW846 8270C
	ND	760	590	ug/kg	78	0.90	SW846 8270C
2-Methylphenol	ND	760	610	ug/kg	80		SW846 8270C
	ND	760	700	ug/kg	92	14	SW846 8270C
4-Methylphenol	ND	1500	1100	ug/kg	75		SW846 8270C
	ND	1500	1200	ug/kg	76	2.1	SW846 8270C
Naphthalene	ND	760	490	ug/kg	65		SW846 8270C
	ND	760	480	ug/kg	64	1.7	SW846 8270C
2-Nitroaniline	ND	760	680	ug/kg	89		SW846 8270C
	ND	760	680	ug/kg	90	0.81	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	760	550	ug/kg	73		SW846 8270C
	ND	760	580	ug/kg	77	5.0	SW846 8270C
4-Nitroaniline	ND	760	620	ug/kg	81		SW846 8270C
	ND	760	630	ug/kg	83	1.5	SW846 8270C
Nitrobenzene	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	500	ug/kg	66	2.8	SW846 8270C
2-Nitrophenol	ND	760	490	ug/kg	65		SW846 8270C
	ND	760	480	ug/kg	64	1.4	SW846 8270C
4-Nitrophenol	**ND**	**760**	**560**	**ug/kg**	**74**		**SW846 8270C**
	ND	**760**	**590**	**ug/kg**	**78**	**4.5**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**760**	**540**	**ug/kg**	**72**		**SW846 8270C**
	ND	**760**	**540**	**ug/kg**	**71**	**1.2**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	760	650	ug/kg	85		SW846 8270C
	ND	760	670	ug/kg	89	4.0	SW846 8270C
Pentachlorophenol	**ND**	**760**	**190**	**ug/kg**	**25**		**SW846 8270C**
	ND	**760**	**180**	**ug/kg**	**24**	**6.9**	**SW846 8270C**
Phenanthrene	8.4	760	570	ug/kg	74		SW846 8270C
	8.4	760	590	ug/kg	77	4.2	SW846 8270C
Phenol	**ND**	**760**	**530**	**ug/kg**	**70**		**SW846 8270C**
	ND	**760**	**520**	**ug/kg**	**69**	**0.83**	**SW846 8270C**
Pyrene	**13**	**760**	**590**	**ug/kg**	**76**		**SW846 8270C**
	13	**760**	**610**	**ug/kg**	**79**	**3.3**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	610	ug/kg	80	0.86	SW846 8270C
2,4,6-Trichloro-phenol	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	520	ug/kg	68	1.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
	65	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
	71	(34 - 110)
Terphenyl-d14	84	(41 - 119)
	88	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	70	(28 - 110)
	69	(28 - 110)
2-Fluorophenol	68	(26 - 110)
	65	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)
	63	(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 #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD
Date Sampled...: 10/09/07 09:36 **Date Received..:** 10/11/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/17/07
Prep Batch #...: 7288046
Dilution Factor: 1 **% Moisture.....:** 12

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	73	(25 - 124)			SW846 8270C
	72	(25 - 124)	0.12	(0-30)	SW846 8270C
Pyridine	45	(10 - 110)			SW846 8270C
	46	(10 - 110)	3.7	(0-30)	SW846 8270C
Acenaphthene	**72**	**(10 - 200)**			**SW846 8270C**
	77	**(10 - 200)**	**7.1**	**(0-30)**	**SW846 8270C**
Acenaphthylene	73	(10 - 200)			SW846 8270C
	75	(10 - 200)	2.6	(0-30)	SW846 8270C
Acetophenone	66	(50 - 130)			SW846 8270C
	66	(50 - 130)	0.78	(0-30)	SW846 8270C
Anthracene	77	(10 - 200)			SW846 8270C
	80	(10 - 200)	4.4	(0-30)	SW846 8270C
Atrazine	100	(50 - 130)			SW846 8270C
	102	(50 - 130)	2.7	(0-30)	SW846 8270C
Benzo(a)anthracene	76	(10 - 200)			SW846 8270C
	78	(10 - 200)	2.8	(0-30)	SW846 8270C
Benzo(a)pyrene	80	(10 - 200)			SW846 8270C
	81	(10 - 200)	0.56	(0-30)	SW846 8270C
Benzo(b)fluoranthene	80	(10 - 200)			SW846 8270C
	83	(10 - 200)	3.7	(0-30)	SW846 8270C
Benzo(ghi)perylene	75	(10 - 200)			SW846 8270C
	74	(10 - 200)	0.41	(0-30)	SW846 8270C
Benzo(k)fluoranthene	80	(10 - 200)			SW846 8270C
	80	(10 - 200)	1.1	(0-30)	SW846 8270C
Benzaldehyde	69	(10 - 130)			SW846 8270C
	70	(10 - 130)	1.4	(0-30)	SW846 8270C
1,1'-Biphenyl	69	(50 - 130)			SW846 8270C
	72	(50 - 130)	4.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	69	(36 - 110)			SW846 8270C
	67	(36 - 110)	2.9	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	79	(32 - 118)			SW846 8270C
	76	(32 - 118)	4.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	83	(10 - 200)			SW846 8270C
	85	(10 - 200)	3.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	82	(44 - 120)			SW846 8270C
	84	(44 - 120)	3.3	(0-30)	SW846 8270C
Butyl benzyl phthalate	84	(43 - 138)			SW846 8270C
	88	(43 - 138)	4.5	(0-30)	SW846 8270C
Caprolactam	89	(50 - 130)			SW846 8270C
	94	(50 - 130)	5.2	(0-30)	SW846 8270C
Carbazole	81	(10 - 162)			SW846 8270C
	84	(10 - 162)	4.5	(0-30)	SW846 8270C
4-Chloroaniline	51	(11 - 110)			SW846 8270C
	56	(11 - 110)	8.3	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**84**	**(32 - 117)**			**SW846 8270C**
	86	**(32 - 117)**	**2.0**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	71	(40 - 110)			SW846 8270C
	73	(40 - 110)	2.8	(0-30)	SW846 8270C
2-Chlorophenol	**68**	**(32 - 110)**			**SW846 8270C**
	67	**(32 - 110)**	**2.5**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	85	(47 - 116)			SW846 8270C
	87	(47 - 116)	1.5	(0-30)	SW846 8270C
Chrysene	79	(10 - 200)			SW846 8270C
	82	(10 - 200)	3.8	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	79	(10 - 200)			SW846 8270C
	78	(10 - 200)	1.3	(0-30)	SW846 8270C
Dibenzofuran	77	(10 - 200)			SW846 8270C
	78	(10 - 200)	2.2	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	44	(10 - 110)			SW846 8270C
	47	(10 - 110)	5.8	(0-30)	SW846 8270C
2,4-Dichlorophenol	75	(33 - 110)			SW846 8270C
	75	(33 - 110)	0.07	(0-30)	SW846 8270C
Diethyl phthalate	84	(48 - 118)			SW846 8270C
	87	(48 - 118)	3.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	71	(19 - 114)			SW846 8270C
	72	(19 - 114)	0.30	(0-30)	SW846 8270C
Dimethyl phthalate	81	(47 - 116)			SW846 8270C
	84	(47 - 116)	3.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	86	(31 - 145)			SW846 8270C
	91	(31 - 145)	4.6	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	52	(10 - 110)			SW846 8270C
	54	(10 - 110)	3.8	(0-30)	SW846 8270C
2,4-Dinitrophenol	36	(10 - 110)			SW846 8270C
	38	(10 - 110)	5.1	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**88**	**(42 - 118)**			**SW846 8270C**
	92	**(42 - 118)**	**4.3**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	85	(28 - 137)			SW846 8270C
	88	(28 - 137)	4.3	(0-30)	SW846 8270C
Di-n-octyl phthalate	93	(10 - 182)			SW846 8270C
	97	(10 - 182)	3.5	(0-30)	SW846 8270C
Fluoranthene	84	(10 - 200)			SW846 8270C
	88	(10 - 200)	4.5	(0-30)	SW846 8270C
Fluorene	77	(10 - 187)			SW846 8270C
	81	(10 - 187)	4.7	(0-30)	SW846 8270C
Hexachlorobenzene	77	(37 - 122)			SW846 8270C
	80	(37 - 122)	3.7	(0-30)	SW846 8270C
Hexachlorobutadiene	67	(30 - 110)			SW846 8270C
	66	(30 - 110)	1.5	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	4.0 a	(10 - 110)			SW846 8270C
	0.0 a,p	(10 - 110)	200	(0-30)	SW846 8270C
Hexachloroethane	59	(13 - 110)			SW846 8270C
	61	(13 - 110)	2.8	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	78	(10 - 200)			SW846 8270C
	78	(10 - 200)	0.19	(0-30)	SW846 8270C
Isophorone	77	(32 - 129)			SW846 8270C
	76	(32 - 129)	1.5	(0-30)	SW846 8270C
2-Methylnaphthalene	77	(10 - 200)			SW846 8270C
	78	(10 - 200)	0.90	(0-30)	SW846 8270C
2-Methylphenol	80	(19 - 124)			SW846 8270C
	92	(19 - 124)	14	(0-30)	SW846 8270C
4-Methylphenol	75	(27 - 116)			SW846 8270C
	76	(27 - 116)	2.1	(0-30)	SW846 8270C
Naphthalene	65	(10 - 200)			SW846 8270C
	64	(10 - 200)	1.7	(0-30)	SW846 8270C
2-Nitroaniline	89	(31 - 141)			SW846 8270C
	90	(31 - 141)	0.81	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	73	(24 - 110)			SW846 8270C
	77	(24 - 110)	5.0	(0-30)	SW846 8270C
4-Nitroaniline	81	(23 - 124)			SW846 8270C
	83	(23 - 124)	1.5	(0-30)	SW846 8270C
Nitrobenzene	68	(33 - 111)			SW846 8270C
	66	(33 - 111)	2.8	(0-30)	SW846 8270C
2-Nitrophenol	65	(17 - 110)			SW846 8270C
	64	(17 - 110)	1.4	(0-30)	SW846 8270C
4-Nitrophenol	**74**	**(10 - 125)**			**SW846 8270C**
	78	**(10 - 125)**	**4.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**72**	**(30 - 121)**			**SW846 8270C**
	71	**(30 - 121)**	**1.2**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	85	(10 - 169)			SW846 8270C
	89	(10 - 169)	4.0	(0-30)	SW846 8270C
Pentachlorophenol	**25**	**(10 - 182)**			**SW846 8270C**
	24	**(10 - 182)**	**6.9**	**(0-30)**	**SW846 8270C**
Phenanthrene	74	(10 - 200)			SW846 8270C
	77	(10 - 200)	4.2	(0-30)	SW846 8270C
Phenol	**70**	**(10 - 144)**			**SW846 8270C**
	69	**(10 - 144)**	**0.83**	**(0-30)**	**SW846 8270C**
Pyrene	**76**	**(10 - 200)**			**SW846 8270C**
	79	**(10 - 200)**	**3.3**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	79	(32 - 112)			SW846 8270C
	80	(32 - 112)	0.86	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	67	(22 - 110)			SW846 8270C
	68	(22 - 110)	1.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	69	(24 - 112)
	65	(24 - 112)
2-Fluorobiphenyl	70	(34 - 110)
	71	(34 - 110)
Terphenyl-d14	84	(41 - 119)
	88	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8P8T1AP-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J110267-001 J8P8T1AQ-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	70	(28 - 110)
	69	(28 - 110)
2-Fluorophenol	68	(26 - 110)
	65	(26 - 110)
2,4,6-Tribromophenol	63	(10 - 118)
	63	(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 #...: A7J130121 **Work Order #...:** J80KW1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J150000-044

Prep Date.....: 10/15/07
Analysis Date..: 10/19/07 **Prep Batch #...:** 7288044
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	117	(10 - 196)
Decachlorobiphenyl	82	(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 #...: A7J130121 **Work Order #...:** J80KW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-044
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**300**	**ug/kg**	**89**	**SW846 8082**
Aroclor 1260	**330**	**290**	**ug/kg**	**87**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	7.6 *	(10 - 196)
Decachlorobiphenyl	4.1 *	(10 - 199)

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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J80KW1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J150000-044
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**89**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**87**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	7.6 *	(10 - 196)
Decachlorobiphenyl	4.1 *	(10 - 199)

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.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1F8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1F9-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1 **% Moisture.....:** 9.1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**370**	**280**	**ug/kg**	**77**		**SW846 8082**
	ND	**370**	**300**	**ug/kg**	**82**	**6.2**	**SW846 8082**
Aroclor 1260	**ND**	**370**	**260**	**ug/kg**	**71**		**SW846 8082**
	ND	**370**	**280**	**ug/kg**	**76**	**6.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	6.7 *	(10 - 196)
	6.9 *	(10 - 196)
Decachlorobiphenyl	3.2 *	(10 - 199)
	3.4 *	(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.

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J130121 **Work Order #...:** J8R2Q1F8-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J120137-002 J8R2Q1F9-MSD
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07
Prep Date.....: 10/15/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7288044
Dilution Factor: 1 **% Moisture.....:** 9.1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**77**	**(10 - 199)**			**SW846 8082**
	82	**(10 - 199)**	**6.2**	**(0-30)**	**SW846 8082**
Aroclor 1260	**71**	**(10 - 199)**			**SW846 8082**
	76	**(10 - 199)**	**6.0**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	6.7 *	(10 - 196)
	6.9 *	(10 - 196)
Decachlorobiphenyl	3.2 *	(10 - 199)
	3.4 *	(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.

* Surrogate recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J150000-025 **Prep Batch #...:** 7288025						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/15/07	J80KC1AH
		Dilution Factor: 1				
Antimony	ND	0.16	mg/kg	SW846 6020	10/15-10/16/07	J80KC1A2
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AA
		Dilution Factor: 1				
Barium	**0.082 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AJ**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/15/07	J80KC1AK
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/15/07	J80KC1AL
		Dilution Factor: 1				
Calcium	**23.0 B**	**400**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AM**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/15/07	J80KC1A0
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/15/07	J80KC1AN
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/15/07	J80KC1AP
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/15/07	J80KC1AQ
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/15/07	J80KC1A1
		Dilution Factor: 1				
Magnesium	**5.7 B**	**80.0**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AR**
		Dilution Factor: 1				
Manganese	**0.10 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/15/07**	**J80KC1AT**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/15/07	J80KC1AG
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/15/07	J80KC1AU
		Dilution Factor: 1				
Potassium	ND	400	mg/kg	SW846 6010B	10/15/07	J80KC1AV
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AC
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AD
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/15/07	J80KC1AW
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/15-10/16/07	J80KC1AE
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/15/07	J80KC1AX
		Dilution Factor: 1				
Zinc	**0.60 B**	**0.80**	**mg/kg**	**SW846 6020**	**10/15-10/16/07**	**J80KC1AF**
		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 #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J150000-025 **Prep Batch #...:** 7288025							
Arsenic	10.0	8.9	mg/kg	89	SW846 6020	10/15-10/16/07	J80KC1A3
			Dilution Factor: 1				
Selenium	10.0	9.1	mg/kg	91	SW846 6020	10/15-10/16/07	J80KC1A4
			Dilution Factor: 1				
Silver	5.0	5.0	mg/kg	100	SW846 6020	10/15-10/16/07	J80KC1A5
			Dilution Factor: 10				
Thallium	10.0	8.7	mg/kg	87	SW846 6020	10/15-10/16/07	J80KC1A6
			Dilution Factor: 1				
Zinc	10.0	9.5	mg/kg	95	SW846 6020	10/15-10/16/07	J80KC1A7
			Dilution Factor: 1				
Mercury	0.83	0.84	mg/kg	100	SW846 7471A	10/15/07	J80KC1A8
			Dilution Factor: 1				
Aluminum	200	189	mg/kg	95	SW846 6010B	10/15/07	J80KC1A9
			Dilution Factor: 1				
Barium	200	195	mg/kg	97	SW846 6010B	10/15/07	J80KC1CA
			Dilution Factor: 1				
Beryllium	5.0	4.9	mg/kg	98	SW846 6010B	10/15/07	J80KC1CC
			Dilution Factor: 1				
Cadmium	5.0	4.9	mg/kg	98	SW846 6010B	10/15/07	J80KC1CD
			Dilution Factor: 1				
Calcium	5000	4950	mg/kg	99	SW846 6010B	10/15/07	J80KC1CE
			Dilution Factor: 1				
Cobalt	50.0	49.9	mg/kg	100	SW846 6010B	10/15/07	J80KC1CF
			Dilution Factor: 1				
Copper	25.0	24.2	mg/kg	97	SW846 6010B	10/15/07	J80KC1CG
			Dilution Factor: 1				
Iron	100	106	mg/kg	106	SW846 6010B	10/15/07	J80KC1CH
			Dilution Factor: 1				

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5000	5000	mg/kg	100	SW846 6010B	10/15/07	J80KC1CJ
			Dilution Factor: 1				
Manganese	50.0	50.1	mg/kg	100	SW846 6010B	10/15/07	J80KC1CK
			Dilution Factor: 1				
Nickel	50.0	50.3	mg/kg	101	SW846 6010B	10/15/07	J80KC1CL
			Dilution Factor: 1				
Potassium	5000	4770	mg/kg	95	SW846 6010B	10/15/07	J80KC1CM
			Dilution Factor: 1				
Sodium	5000	4620	mg/kg	92	SW846 6010B	10/15/07	J80KC1CN
			Dilution Factor: 1				
Vanadium	50.0	48.5	mg/kg	97	SW846 6010B	10/15/07	J80KC1CP
			Dilution Factor: 1				
Chromium	20.0	19.8	mg/kg	99	SW846 6010B	10/15/07	J80KC1CQ
			Dilution Factor: 1				
Lead	50.0	48.5	mg/kg	97	SW846 6010B	10/15/07	J80KC1CR
			Dilution Factor: 1				
Antimony	50.0	49.3	mg/kg	99	SW846 6020	10/15-10/16/07	J80KC1CT
			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 #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J150000-025 **Prep Batch #...:** 7288025					
Arsenic	89	(73 - 110)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A3
Selenium	91	(73 - 110)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A4
Silver	100	(80 - 120)	SW846 6020 Dilution Factor: 10	10/15-10/16/07	J80KC1A5
Thallium	87	(71 - 110)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A6
Zinc	95	(72 - 113)	SW846 6020 Dilution Factor: 1	10/15-10/16/07	J80KC1A7
Mercury	100	(81 - 116)	SW846 7471A Dilution Factor: 1	10/15/07	J80KC1A8
Aluminum	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1A9
Barium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CA
Beryllium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CC
Cadmium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CD
Calcium	99	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CE
Cobalt	100	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CF
Copper	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CG
Iron	106	(73 - 137)	SW846 6010B Dilution Factor: 1	10/15/07	J80KC1CH

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	100	(80 - 120)	SW846 6010B	10/15/07	J80KC1CJ
		Dilution Factor: 1			
Manganese	100	(80 - 120)	SW846 6010B	10/15/07	J80KC1CK
		Dilution Factor: 1			
Nickel	101	(80 - 120)	SW846 6010B	10/15/07	J80KC1CL
		Dilution Factor: 1			
Potassium	95	(80 - 120)	SW846 6010B	10/15/07	J80KC1CM
		Dilution Factor: 1			
Sodium	92	(80 - 120)	SW846 6010B	10/15/07	J80KC1CN
		Dilution Factor: 1			
Vanadium	97	(80 - 120)	SW846 6010B	10/15/07	J80KC1CP
		Dilution Factor: 1			
Chromium	99	(80 - 120)	SW846 6010B	10/15/07	J80KC1CQ
		Dilution Factor: 1			
Lead	97	(80 - 120)	SW846 6010B	10/15/07	J80KC1CR
		Dilution Factor: 1			
Antimony	99	(80 - 120)	SW846 6020	10/15-10/16/07	J80KC1CT
		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 #...: A7J130121 **Matrix.....:** SOLID
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

MS Lot-Sample #: A7J120137-002 **Prep Batch #...:** 7288025
% Moisture.....: 9.1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Aluminum									
	3730	220	6560	mg/kg			SW846 6010B	10/15/07	J8R2Q1CK
			Qualifiers: NC,MSB						
	3730	220	5800	mg/kg			SW846 6010B	10/15/07	J8R2Q1CL
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	0.086	55.0	34.6 N	mg/kg	63		SW846 6020	10/15-10/16/07	J8R2Q1D6
	0.086	55.0	37.7 N	mg/kg	68	8.8	SW846 6020	10/15-10/16/07	J8R2Q1D7
			Dilution Factor: 10						
Arsenic									
	3.3	11.0	12.7	mg/kg	86		SW846 6020	10/15-10/16/07	J8R2Q1AC
	3.3	11.0	11.9	mg/kg	78	6.6	SW846 6020	10/15-10/16/07	J8R2Q1AD
			Dilution Factor: 1						
Barium									
	23.5	220	237	mg/kg	97		SW846 6010B	10/15/07	J8R2Q1CN
	23.5	220	231	mg/kg	94	2.5	SW846 6010B	10/15/07	J8R2Q1CP
			Dilution Factor: 1						
Beryllium									
	ND	5.5	5.0	mg/kg	91		SW846 6010B	10/15/07	J8R2Q1CR
	ND	5.5	5.0	mg/kg	92	0.81	SW846 6010B	10/15/07	J8R2Q1CT
			Dilution Factor: 1						
Cadmium									
	ND	5.5	4.8	mg/kg	88		SW846 6010B	10/15/07	J8R2Q1CV
	ND	5.5	4.9	mg/kg	90	2.3	SW846 6010B	10/15/07	J8R2Q1CW
			Dilution Factor: 1						
Calcium									
	83600	5500	79500	mg/kg			SW846 6010B	10/15-10/16/07	J8R2Q1C0
			Qualifiers: NC,MSB						
	83600	5500	66800	mg/kg			SW846 6010B	10/15-10/16/07	J8R2Q1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	8.0	22.0	31.1	mg/kg	105		SW846 6010B	10/15/07	J8R2Q1D0
	8.0	22.0	30.4	mg/kg	102	2.3	SW846 6010B	10/15/07	J8R2Q1D1
			Dilution Factor: 1						
Cobalt									
	4.3	55.0	55.0	mg/kg	92		SW846 6010B	10/15/07	J8R2Q1C3
	4.3	55.0	55.6	mg/kg	93	1.2	SW846 6010B	10/15/07	J8R2Q1C4
			Dilution Factor: 1						
Copper									
	9.4	27.5	38.9	mg/kg	107		SW846 6010B	10/15/07	J8R2Q1C6
	9.4	27.5	39.1	mg/kg	108	0.48	SW846 6010B	10/15/07	J8R2Q1C7
			Dilution Factor: 1						
Iron									
	8960	110	10700	mg/kg			SW846 6010B	10/15/07	J8R2Q1C9
			Qualifiers: NC,MSB						
	8960	110	11800	mg/kg			SW846 6010B	10/15/07	J8R2Q1DA
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	5.3	55.0	52.8	mg/kg	86		SW846 6010B	10/15/07	J8R2Q1D3
	5.3	55.0	54.3	mg/kg	89	2.8	SW846 6010B	10/15/07	J8R2Q1D4
			Dilution Factor: 1						
Magnesium									
	23200	5500	25700	mg/kg			SW846 6010B	10/15/07	J8R2Q1DD
			Qualifiers: NC,MSB						
	23200	5500	22500	mg/kg			SW846 6010B	10/15/07	J8R2Q1DE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Manganese									
	235	55.0	300	mg/kg			SW846 6010B	10/15/07	J8R2Q1DG
			Qualifiers: NC,MSB						
	235	55.0	366	mg/kg			SW846 6010B	10/15/07	J8R2Q1DH
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Mercury									
	0.014	0.18	0.14	mg/kg	70		SW846 7471A	10/15/07	J8R2Q1CG
	0.014	0.18	0.20 *	mg/kg	103	35	SW846 7471A	10/15/07	J8R2Q1CH
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	11.3	55.0	62.1	mg/kg	92		SW846 6010B	10/15/07	J8R2Q1DK
	11.3	55.0	64.8	mg/kg	97	4.2	SW846 6010B	10/15/07	J8R2Q1DL
			Dilution Factor: 1						
Potassium									
	919	5500	6740	mg/kg	106		SW846 6010B	10/15/07	J8R2Q1DN
	919	5500	6270	mg/kg	97	7.2	SW846 6010B	10/15/07	J8R2Q1DP
			Dilution Factor: 1						
Selenium									
	0.34	11.0	9.6	mg/kg	84		SW846 6020	10/15-10/16/07	J8R2Q1AF
	0.34	11.0	9.0	mg/kg	79	5.6	SW846 6020	10/15-10/16/07	J8R2Q1AG
			Dilution Factor: 1						
Silver									
	0.059	5.5	5.3	mg/kg	95		SW846 6020	10/15-10/16/07	J8R2Q1AJ
	0.059	5.5	5.3	mg/kg	94	0.72	SW846 6020	10/15-10/16/07	J8R2Q1AK
			Dilution Factor: 10						
Sodium									
	115	5500	5030	mg/kg	89		SW846 6010B	10/15/07	J8R2Q1DR
	115	5500	5000	mg/kg	89	0.69	SW846 6010B	10/15/07	J8R2Q1DT
			Dilution Factor: 1						
Thallium									
	0.14	11.0	9.2	mg/kg	82		SW846 6020	10/15-10/16/07	J8R2Q1AM
	0.14	11.0	9.0	mg/kg	80	2.1	SW846 6020	10/15-10/16/07	J8R2Q1AN
			Dilution Factor: 1						
Vanadium									
	12.4	55.0	68.5	mg/kg	102		SW846 6010B	10/15/07	J8R2Q1DV
	12.4	55.0	65.0	mg/kg	96	5.2	SW846 6010B	10/15/07	J8R2Q1DW
			Dilution Factor: 1						
Zinc									
	8.6	11.0	40.9 N	mg/kg	293		SW846 6020	10/15-10/16/07	J8R2Q1AQ
	8.6	11.0	30.2 *	mg/kg	195	30	SW846 6020	10/15-10/16/07	J8R2Q1AR
			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.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

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 #...: A7J130121 **Matrix.....:** SOLID
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J120137-002 **Prep Batch #...:** 7288025						**% Moisture.....:** 9.1	
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CK
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1CL
		Dilution Factor: 1					
Antimony	63 N	(75 - 125)			SW846 6020	10/15-10/16/07	J8R2Q1D6
	68 N	(75 - 125)	8.8	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1D7
		Dilution Factor: 10					
Arsenic	86	(23 - 131)			SW846 6020	10/15-10/16/07	J8R2Q1AC
	78	(23 - 131)	6.6	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AD
		Dilution Factor: 1					
Barium	97	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CN
	94	(75 - 125)	2.5	(0-20)	SW846 6010B	10/15/07	J8R2Q1CP
		Dilution Factor: 1					
Beryllium	91	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CR
	92	(75 - 125)	0.81	(0-20)	SW846 6010B	10/15/07	J8R2Q1CT
		Dilution Factor: 1					
Cadmium	88	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1CV
	90	(75 - 125)	2.3	(0-20)	SW846 6010B	10/15/07	J8R2Q1CW
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/15-10/16/07	J8R2Q1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15-10/16/07	J8R2Q1C1
		Dilution Factor: 5					
Chromium	105	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1D0
	102	(75 - 125)	2.3	(0-20)	SW846 6010B	10/15/07	J8R2Q1D1
		Dilution Factor: 1					
Cobalt	92	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1C3
	93	(75 - 125)	1.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1C4
		Dilution Factor: 1					
Copper	107	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1C6
	108	(75 - 125)	0.48	(0-20)	SW846 6010B	10/15/07	J8R2Q1C7
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1C9
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1DA
		Dilution Factor: 1					
Lead	86	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1D3
	89	(75 - 125)	2.8	(0-20)	SW846 6010B	10/15/07	J8R2Q1D4
		Dilution Factor: 1					
Magnesium	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1DE
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DG
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/15/07	J8R2Q1DH
		Dilution Factor: 1					
Mercury	70	(11 - 192)			SW846 7471A	10/15/07	J8R2Q1CG
	103 *	(11 - 192)	35	(0-20)	SW846 7471A	10/15/07	J8R2Q1CH
		Dilution Factor: 1					
Nickel	92	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DK
	97	(75 - 125)	4.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1DL
		Dilution Factor: 1					
Potassium	106	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DN
	97	(75 - 125)	7.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1DP
		Dilution Factor: 1					
Selenium	84	(39 - 116)			SW846 6020	10/15-10/16/07	J8R2Q1AF
	79	(39 - 116)	5.6	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AG
		Dilution Factor: 1					
Silver	95	(75 - 125)			SW846 6020	10/15-10/16/07	J8R2Q1AJ
	94	(75 - 125)	0.72	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AK
		Dilution Factor: 10					
Sodium	89	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DR
	89	(75 - 125)	0.69	(0-20)	SW846 6010B	10/15/07	J8R2Q1DT
		Dilution Factor: 1					
Thallium	82	(62 - 110)			SW846 6020	10/15-10/16/07	J8R2Q1AM
	80	(62 - 110)	2.1	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AN
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J130121 **Matrix.....:** SOLID
Date Sampled...: 10/11/07 13:15 **Date Received..:** 10/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	102	(75 - 125)			SW846 6010B	10/15/07	J8R2Q1DV
	96	(75 - 125)	5.2	(0-20)	SW846 6010B	10/15/07	J8R2Q1DW
		Dilution Factor: 1					
Zinc	293 N	(10 - 199)			SW846 6020	10/15-10/16/07	J8R2Q1AQ
	195 *	(10 - 199)	30	(0-20)	SW846 6020	10/15-10/16/07	J8R2Q1AR
		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.

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

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 #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J83KR1AA		MB Lot-Sample #:	A7J160000-272	
	ND	0.20	mg/kg	SW846 9012A	10/16/07	7289272
		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				
Percent Solids		Work Order #: J9ATX1AA		MB Lot-Sample #:	A7J180000-522	
	ND	10.0	%	MCAWW 160.3 MOD	10/18-10/19/07	7291522
		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 #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: J83KR1AC		LCS Lot-Sample#: A7J160000-272		
	18.5	18.0	mg/kg	97	SW846 9012A	10/16/07	7289272
			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				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J130121 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J83KR1AC	LCS Lot-Sample#: A7J160000-272		
	97	(68 - 123)	SW846 9012A	10/16/07	7289272
		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			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J130121 **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: J8W961CA-MS/J8W961CC-MSD				MS Lot-Sample #: A7J130121-003		
	ND	2.2	2.0	mg/kg	91		SW846 9012A	10/16/07	7289272
	ND	2.2	2.0	mg/kg	90	1.2	SW846 9012A	10/16/07	7289272
			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 #...: A7J130121 **Matrix.....:** SO
Date Sampled...: 10/12/07 09:30 **Date Received..:** 10/13/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: J8W961CA-MS/J8W961CC-MSD				MS Lot-Sample #: A7J130121-003	
	91	(50 - 134)			SW846 9012A	10/16/07	7289272
	90	(50 - 134)	1.2	(0-20)	SW846 9012A	10/16/07	7289272

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 #...: A7J130121 **Work Order #...:** J8W97-SMP J8W97-DUP **Matrix.....:** SO

Date Sampled...: 10/12/07 11:25 **Date Received..:** 10/13/07

% Moisture.....: 7.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J130121-004		
	92.6	89.1	%	3.9	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291522

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J130121 **Work Order #...:** J885V-SMP **Matrix.....:** SOLID
J885V-DUP
Date Sampled...: 10/17/07 10:40 **Date Received..:** 10/18/07
% Moisture.....: 7.4

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J180155-001		
	92.6	92.3	%	0.29	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291522

Dilution Factor: 1

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J160150

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

A7J160150

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101507-CB-045 10/15/07 14:55 001				
Trivalent Chromium	3.1	0.42	mg/kg	SW846 7196A
Silver	0.044 B,J	0.084	mg/kg	SW846 6020
Arsenic	5.1	0.084	mg/kg	SW846 6020
Antimony	0.094 B,J	0.17	mg/kg	SW846 6020
Selenium	0.11 B	0.18	mg/kg	SW846 6020
Thallium	0.10	0.084	mg/kg	SW846 6020
Zinc	24.3 J	0.84	mg/kg	SW846 6020
Aluminum	1640	16.9	mg/kg	SW846 6010B
Barium	8.9 J	0.84	mg/kg	SW846 6010B
Beryllium	0.13 B	0.17	mg/kg	SW846 6010B
Calcium	91400 J	2110	mg/kg	SW846 6010B
Cadmium	0.15	0.084	mg/kg	SW846 6010B
Cobalt	2.7	0.42	mg/kg	SW846 6010B
Chromium	4.3	0.42	mg/kg	SW846 6010B
Copper	9.0	0.84	mg/kg	SW846 6010B
Iron	5450	8.4	mg/kg	SW846 6010B
Potassium	313 B,J,E	422	mg/kg	SW846 6010B
Magnesium	19400	84.4	mg/kg	SW846 6010B
Manganese	260 J	0.84	mg/kg	SW846 6010B
Sodium	151	84.4	mg/kg	SW846 6010B
Nickel	7.2	0.84	mg/kg	SW846 6010B
Lead	4.1	0.25	mg/kg	SW846 6010B
Vanadium	6.4	0.84	mg/kg	SW846 6010B
Toluene	0.21 J	3.7	ug/kg	SW846 8260B
Hexavalent Chromium	1.2	0.84	mg/kg	SW846 7196A
Percent Solids	94.8	10.0	%	MCAWW 160.3 MOD
SO-17322-101507-CB-048 10/15/07 16:00 002				
Trivalent Chromium	7.1	0.47	mg/kg	SW846 7196A
Silver	0.072 B,J	0.094	mg/kg	SW846 6020
Arsenic	5.2	0.094	mg/kg	SW846 6020
Antimony	0.080 B,J	0.19	mg/kg	SW846 6020
Thallium	0.11	0.094	mg/kg	SW846 6020
Zinc	31.9 J	0.94	mg/kg	SW846 6020
Mercury	0.017 B	0.047	mg/kg	SW846 7471A
Aluminum	5250	18.7	mg/kg	SW846 6010B
Barium	46.1 J	0.94	mg/kg	SW846 6010B
Beryllium	0.36	0.19	mg/kg	SW846 6010B
Calcium	108000 J	2340	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7J160150

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101507-CB-048 10/15/07 16:00 002				
Cadmium	0.19	0.094	mg/kg	SW846 6010B
Cobalt	3.8	0.47	mg/kg	SW846 6010B
Chromium	8.5	0.47	mg/kg	SW846 6010B
Copper	16.0	0.94	mg/kg	SW846 6010B
Iron	7400	9.4	mg/kg	SW846 6010B
Potassium	497 J	468	mg/kg	SW846 6010B
Magnesium	19800	93.6	mg/kg	SW846 6010B
Manganese	266 J	0.94	mg/kg	SW846 6010B
Sodium	757	93.6	mg/kg	SW846 6010B
Nickel	10.3	0.94	mg/kg	SW846 6010B
Lead	12.4	0.28	mg/kg	SW846 6010B
Vanadium	11.8	0.94	mg/kg	SW846 6010B
Benzo(a)anthracene	12	7.8	ug/kg	SW846 8270C
Benzo(a)pyrene	15	7.8	ug/kg	SW846 8270C
Benzo(b)fluoranthene	22	7.8	ug/kg	SW846 8270C
Benzo(ghi)perylene	15	7.8	ug/kg	SW846 8270C
Benzo(k)fluoranthene	8.6	7.8	ug/kg	SW846 8270C
Chrysene	16	7.8	ug/kg	SW846 8270C
Fluoranthene	20	7.8	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	11	7.8	ug/kg	SW846 8270C
Phenanthrene	11	7.8	ug/kg	SW846 8270C
Pyrene	20	7.8	ug/kg	SW846 8270C
Hexavalent Chromium	1.5	0.94	mg/kg	SW846 7196A
Cyanide, Total	0.44	0.23	mg/kg	SW846 9012A
Percent Solids	85.5	10.0	%	MCAWW 160.3 MOD
TB-17322-101507-CB-002 10/15/07 004				
Methylene chloride	0.96 J	5.0	ug/kg	SW846 8260B

ANALYTICAL METHODS SUMMARY

A7J160150

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

A7J160150

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J82RC	001	SO-17322-101507-CB-045	10/15/07	14:55
J82RG	002	SO-17322-101507-CB-048	10/15/07	16:00
J82RK	004	TB-17322-101507-CB-002	10/15/07	

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-17322-101507-CB-045

GC/MS Volatiles

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC1AC **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 0.7
% Moisture.....: 5.2 **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	0.21
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	0.47
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	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

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-045

GC/MS Volatiles

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC1AC **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	**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	0.41
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	95	(59 - 138)
1,2-Dichloroethane-d4	93	(61 - 130)
Toluene-d8	83	(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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-048

GC/MS Volatiles

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG1AN **Matrix.....:** SO
Date Sampled...: 10/15/07 16:00 **Date Received..:** 10/16/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 0.9
% Moisture.....: 15 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	6.6
Benzene	ND	5.3	ug/kg	0.24
Bromodichloromethane	ND	5.3	ug/kg	0.29
Bromoform	ND	5.3	ug/kg	0.35
Bromomethane	ND	5.3	ug/kg	0.57
2-Butanone	ND	21	ug/kg	1.5
Carbon disulfide	ND	5.3	ug/kg	0.46
Carbon tetrachloride	ND	5.3	ug/kg	0.39
Chlorobenzene	ND	5.3	ug/kg	0.35
Dibromochloromethane	ND	5.3	ug/kg	0.58
1,2-Dibromo-3-chloro-propane	ND	11	ug/kg	1.4
Chloroethane	ND	5.3	ug/kg	0.91
Chloroform	ND	5.3	ug/kg	0.31
Chloromethane	ND	5.3	ug/kg	0.43
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	0.69
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	0.43
1,2-Dichloropropane	ND	5.3	ug/kg	0.73
cis-1,3-Dichloropropene	ND	5.3	ug/kg	0.36
trans-1,3-Dichloropropene	ND	5.3	ug/kg	0.57
Ethylbenzene	ND	5.3	ug/kg	0.27
Trichlorofluoromethane	ND	5.3	ug/kg	0.36
2-Hexanone	ND	21	ug/kg	0.66
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	ND	5.3	ug/kg	0.71
4-Methyl-2-pentanone	ND	21	ug/kg	0.57
Styrene	ND	5.3	ug/kg	0.16

(Continued on next page)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-048

GC/MS Volatiles

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG1AN **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	0.28
1,2,4-Trichloro-benzene	ND	5.3	ug/kg	0.28
1,1,1-Trichloroethane	ND	5.3	ug/kg	0.59
1,1,2-Trichloroethane	ND	5.3	ug/kg	0.41
Trichloroethene	ND	5.3	ug/kg	0.44
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.3	ug/kg	1.4
1,2,4-Trimethylbenzene	ND	5.3	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.3	ug/kg	0.26
Vinyl chloride	ND	5.3	ug/kg	0.41
Xylenes (total)	ND	11	ug/kg	0.71
Methyl tert-butyl ether	ND	21	ug/kg	0.45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(59 - 138)
1,2-Dichloroethane-d4	88	(61 - 130)
Toluene-d8	83	(60 - 143)
4-Bromofluorobenzene	76	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101507-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J160150-004 **Work Order #...:** J82RK1AA **Matrix.....:** SQ
Date Sampled...: 10/15/07 **Date Received..:** 10/16/07
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
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.25
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
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
Dibromochloromethane	ND	5.0	ug/kg	0.55
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	1.3
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
2-Hexanone	ND	20	ug/kg	0.63
Isopropylbenzene	ND	5.0	ug/kg	0.16
Methyl acetate	ND	10	ug/kg	1.4
Methylene chloride	**0.96 J**	**5.0**	**ug/kg**	**0.67**
Methylcyclohexane	ND	10	ug/kg	0.31
4-Methyl-2-pentanone	ND	20	ug/kg	0.54

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: TB-17322-101507-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J160150-004 **Work Order #...:** J82RK1AA **Matrix.....:** SQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Methyl tert-butyl ether	ND	20	ug/kg	0.43
Styrene	ND	5.0	ug/kg	0.15
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
Trichlorofluoromethane	ND	5.0	ug/kg	0.34
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	1.3
Vinyl chloride	ND	5.0	ug/kg	0.39
Xylenes (total)	ND	10	ug/kg	0.67

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(59 - 138)
1,2-Dichloroethane-d4	94	(61 - 130)
Toluene-d8	91	(60 - 143)
4-Bromofluorobenzene	80	(47 - 158)

NOTE(S):

J Estimated result. Result is less than RL.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-045

GC/MS Semivolatiles

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC1A5 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
Prep Date.....: 10/18/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7291041
Dilution Factor: 1
% Moisture.....: 5.2 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	110	ug/kg	27
Pyridine	ND	110	ug/kg	18
Acenaphthene	ND	7.0	ug/kg	1.4
Acenaphthylene	ND	7.0	ug/kg	1.3
Acetophenone	ND	110	ug/kg	27
Anthracene	ND	7.0	ug/kg	1.4
Atrazine	ND	210	ug/kg	22
Benzo(a)anthracene	ND	7.0	ug/kg	1.0
Benzo(a)pyrene	ND	7.0	ug/kg	1.4
Benzo(b)fluoranthene	ND	7.0	ug/kg	1.3
Benzo(ghi)perylene	ND	7.0	ug/kg	1.4
Benzo(k)fluoranthene	ND	7.0	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	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	27
4-Chlorophenyl phenyl ether	ND	53	ug/kg	25
Chrysene	ND	7.0	ug/kg	0.95
Dibenz(a,h)anthracene	ND	7.0	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-17322-101507-CB-045

GC/MS Semivolatiles

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC1A5 **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	ND	7.0	ug/kg	1.3
Fluorene	ND	7.0	ug/kg	1.3
Hexachlorobenzene	ND	7.0	ug/kg	2.2
Hexachlorobutadiene	ND	53	ug/kg	27
Hexachlorocyclopentadiene	ND	350	ug/kg	17
Hexachloroethane	ND	53	ug/kg	30
Indeno(1,2,3-cd)pyrene	ND	7.0	ug/kg	1.6
Isophorone	ND	53	ug/kg	22
2-Methylnaphthalene	ND	7.0	ug/kg	1.6
2-Methylphenol	ND	210	ug/kg	30
4-Methylphenol	ND	210	ug/kg	23
Naphthalene	ND	7.0	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	110	ug/kg	2.3
2-Nitrophenol	ND	53	ug/kg	20
4-Nitrophenol	ND	350	ug/kg	120
N-Nitrosodi-n-propylamine	ND	53	ug/kg	24
N-Nitrosodiphenylamine	ND	53	ug/kg	22
Pentachlorophenol	ND	160	ug/kg	87
Phenanthrene	ND	7.0	ug/kg	2.1
Phenol	ND	53	ug/kg	26
Pyrene	ND	7.0	ug/kg	1.2
2,4,5-Trichlorophenol	ND	160	ug/kg	26
2,4,6-Trichlorophenol	ND	160	ug/kg	22

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-045

GC/MS Semivolatiles

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	85	(24 - 112)
2-Fluorobiphenyl	76	(34 - 110)
Terphenyl-d14	101	(41 - 119)
Phenol-d5	78	(28 - 110)
2-Fluorophenol	76	(26 - 110)
2,4,6-Tribromophenol	74	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-048

GC/MS Semivolatiles

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG1AG **Matrix.....:** SO
Date Sampled...: 10/15/07 16:00 **Date Received..:** 10/16/07
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	**12**	**7.8**	**ug/kg**	**1.1**
Benzo(a)pyrene	**15**	**7.8**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**22**	**7.8**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**15**	**7.8**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**8.6**	**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	**16**	**7.8**	**ug/kg**	**1.1**
Dibenz(a,h)anthracene	ND	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-17322-101507-CB-048

GC/MS Semivolatiles

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG1AG **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	**20**	**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	**11**	**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	**11**	**7.8**	**ug/kg**	**2.3**
Phenol	ND	59	ug/kg	29
Pyrene	**20**	**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-17322-101507-CB-048

GC/MS Semivolatiles

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	78	(24 - 112)
2-Fluorobiphenyl	79	(34 - 110)
Terphenyl-d14	103	(41 - 119)
Phenol-d5	77	(28 - 110)
2-Fluorophenol	72	(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-17322-101507-CB-045

GC Semivolatiles

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC1A7 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
Prep Date.....: 10/17/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7290036
Dilution Factor: 1
% Moisture.....: 5.2 **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	46	(10 - 196)
Decachlorobiphenyl	43	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-048

GC Semivolatiles

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG1AJ **Matrix.....:** SO
Date Sampled...: 10/15/07 16:00 **Date Received..:** 10/16/07
Prep Date.....: 10/17/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7290036
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	36	(10 - 196)
Decachlorobiphenyl	27	(10 - 199)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-045

TOTAL Metals

Lot-Sample #...: A7J160150-001 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
% Moisture.....: 5.2

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7290017						
Trivalent Chromium	**3.1**	**0.42**	**mg/kg**	**SW846 7196A**	**10/17-10/18/07**	**J82RC1A9**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7290018						
Silver	**0.044 B,J**	**0.084**	**mg/kg**	**SW846 6020**	**10/17-10/19/07**	**J82RC1A2**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**1640**	**16.9**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AE**
		Dilution Factor: 1		MDL.....: 10.1		
Arsenic	**5.1**	**0.084**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RC1A0**
		Dilution Factor: 1		MDL.....: 0.065		
Barium	**8.9 J**	**0.84**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AF**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	**0.13 B**	**0.17**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AG**
		Dilution Factor: 1		MDL.....: 0.045		
Calcium	**91400 J**	**2110**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AJ**
		Dilution Factor: 5		MDL.....: 84.4		
Cadmium	**0.15**	**0.084**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AH**
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**2.7**	**0.42**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AK**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**4.3**	**0.42**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AV**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**9.0**	**0.84**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AL**
		Dilution Factor: 1		MDL.....: 0.78		
Iron	**5450**	**8.4**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AM**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	ND	0.042	mg/kg	SW846 7471A	10/17/07	J82RC1AD
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-045

TOTAL Metals

Lot-Sample #...: A7J160150-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**313 B,J,E**	**422**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AR**
		Dilution Factor: 1		MDL.....: 6.5		
Magnesium	**19400**	**84.4**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AN**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**260 J**	**0.84**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AP**
		Dilution Factor: 1		MDL.....: 0.078		
Sodium	**151**	**84.4**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AT**
		Dilution Factor: 1		MDL.....: 69.7		
Nickel	**7.2**	**0.84**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AQ**
		Dilution Factor: 1		MDL.....: 0.28		
Lead	**4.1**	**0.25**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AW**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.094 B,J**	**0.17**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RC1AX**
		Dilution Factor: 1		MDL.....: 0.025		
Selenium	**0.11 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/17-10/19/07**	**J82RC1A1**
		Dilution Factor: 1		MDL.....: 0.095		
Thallium	**0.10**	**0.084**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RC1A3**
		Dilution Factor: 1		MDL.....: 0.0083		
Vanadium	**6.4**	**0.84**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RC1AU**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**24.3 J**	**0.84**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RC1A4**
		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.

E Matrix interference.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-048

TOTAL Metals

Lot-Sample #...: A7J160150-002 **Matrix.....:** SO
Date Sampled...: 10/15/07 16:00 **Date Received..:** 10/16/07
% Moisture.....: 15

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7290017						
Trivalent Chromium	**7.1**	**0.47**	**mg/kg**	**SW846 7196A**	**10/17-10/18/07**	**J82RG1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7290018						
Silver	**0.072 B,J**	**0.094**	**mg/kg**	**SW846 6020**	**10/17-10/19/07**	**J82RG1AD**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**5250**	**18.7**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AQ**
		Dilution Factor: 1		MDL.....: 11.2		
Arsenic	**5.2**	**0.094**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RG1AA**
		Dilution Factor: 1		MDL.....: 0.073		
Barium	**46.1 J**	**0.94**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AR**
		Dilution Factor: 1		MDL.....: 0.083		
Beryllium	**0.36**	**0.19**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AT**
		Dilution Factor: 1		MDL.....: 0.050		
Calcium	**108000 J**	**2340**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AV**
		Dilution Factor: 5		MDL.....: 93.6		
Cadmium	**0.19**	**0.094**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AU**
		Dilution Factor: 1		MDL.....: 0.042		
Cobalt	**3.8**	**0.47**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AW**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**8.5**	**0.47**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**16.0**	**0.94**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1AX**
		Dilution Factor: 1		MDL.....: 0.87		
Iron	**7400**	**9.4**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A0**
		Dilution Factor: 1		MDL.....: 5.7		
Mercury	**0.017 B**	**0.047**	**mg/kg**	**SW846 7471A**	**10/17/07**	**J82RG1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101507-CB-048

TOTAL Metals

Lot-Sample #...: A7J160150-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**497 J**	**468**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A4**
		Dilution Factor: 1		MDL.....: 7.3		
Magnesium	**19800**	**93.6**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A1**
		Dilution Factor: 1		MDL.....: 6.0		
Manganese	**266 J**	**0.94**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A2**
		Dilution Factor: 1		MDL.....: 0.087		
Sodium	**757**	**93.6**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A5**
		Dilution Factor: 1		MDL.....: 77.2		
Nickel	**10.3**	**0.94**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A3**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**12.4**	**0.28**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.080 B,J**	**0.19**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RG1A9**
		Dilution Factor: 1		MDL.....: 0.028		
Selenium	ND	0.20	mg/kg	SW846 6020	10/17-10/19/07	J82RG1AC
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.11**	**0.094**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J82RG1AE**
		Dilution Factor: 1		MDL.....: 0.0092		
Vanadium	**11.8**	**0.94**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J82RG1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**31.9 J**	**0.94**	**mg/kg**	**SW846 6020**	**10/17-10/19/07**	**J82RG1AF**
		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-17322-101507-CB-045

General Chemistry

Lot-Sample #...: A7J160150-001 **Work Order #...:** J82RC **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
% Moisture.....: 5.2

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	10/22/07	7295252
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.2**	**0.84**	**mg/kg**	**SW846 7196A**	**10/18/07**	**7291634**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**94.8**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/18-10/19/07**	**7291596**
		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-17322-101507-CB-048

General Chemistry

Lot-Sample #...: A7J160150-002 **Work Order #...:** J82RG **Matrix.....:** SO
Date Sampled...: 10/15/07 16:00 **Date Received..:** 10/16/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	**0.44**	**0.23**	**mg/kg**	**SW846 9012A**	**10/24/07**	**7297425**
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.5**	**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**	**7291596**
		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 #...: A7J160150 **Work Order #...:** J85V91AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J170000-292

Prep Date.....: 10/16/07
Analysis Date..: 10/16/07 **Prep Batch #...:** 7290292
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	**0.40 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,3-Dichlorobenzene	**0.32 J**	**5.0**	**ug/kg**	**SW846 8260B**
1,4-Dichlorobenzene	**0.43 J**	**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 #...: A7J160150 **Work Order #...:** J85V91AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,4-Trichlorobenzene	**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	91	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	86	(60 - 143)
4-Bromofluorobenzene	82	(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 #...: A7J160150 **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
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
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
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
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	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
2-Hexanone	ND	20	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	10	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	10	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Methyl tert-butyl ether	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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J9DGM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
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
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	10	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 #...: A7J160150 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	50	51	ug/kg	103		SW846 8260B
	50	54	ug/kg	107	4.3	SW846 8260B
Benzene	**50**	**52**	**ug/kg**	**105**		**SW846 8260B**
	50	**53**	**ug/kg**	**107**	**1.6**	**SW846 8260B**
Bromodichloromethane	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	1.3	SW846 8260B
Bromoform	50	55	ug/kg	110		SW846 8260B
	50	56	ug/kg	111	1.1	SW846 8260B
Bromomethane	50	49	ug/kg	98		SW846 8260B
	50	53	ug/kg	106	8.2	SW846 8260B
2-Butanone	50	53	ug/kg	106		SW846 8260B
	50	52	ug/kg	104	1.8	SW846 8260B
Carbon disulfide	50	55	ug/kg	109		SW846 8260B
	50	56	ug/kg	112	3.1	SW846 8260B
Carbon tetrachloride	50	53	ug/kg	107		SW846 8260B
	50	57	ug/kg	113	5.6	SW846 8260B
Chlorobenzene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**50**	**ug/kg**	**100**	**0.32**	**SW846 8260B**
Dibromochloromethane	50	53	ug/kg	106		SW846 8260B
	50	54	ug/kg	108	2.0	SW846 8260B
1,2-Dibromo-3-chloro-propane	50	51	ug/kg	103		SW846 8260B
	50	53	ug/kg	106	3.3	SW846 8260B
Chloroethane	50	52	ug/kg	104		SW846 8260B
	50	56	ug/kg	112	7.3	SW846 8260B
Chloroform	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	109	4.4	SW846 8260B
Chloromethane	50	45	ug/kg	91		SW846 8260B
	50	48	ug/kg	95	5.0	SW846 8260B
Cyclohexane	50	51	ug/kg	102		SW846 8260B
	50	54	ug/kg	107	4.5	SW846 8260B
1,2-Dibromoethane	50	52	ug/kg	105		SW846 8260B
	50	52	ug/kg	103	1.1	SW846 8260B
1,2-Dichlorobenzene	50	50	ug/kg	101		SW846 8260B
	50	48	ug/kg	97	4.1	SW846 8260B
1,3-Dichlorobenzene	50	51	ug/kg	103		SW846 8260B
	50	48	ug/kg	97	5.8	SW846 8260B
1,4-Dichlorobenzene	50	50	ug/kg	100		SW846 8260B
	50	47	ug/kg	94	6.4	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dichlorodifluoromethane	50	34	ug/kg	69		SW846 8260B
	50	37	ug/kg	74	7.0	SW846 8260B
1,1-Dichloroethane	50	54	ug/kg	109		SW846 8260B
	50	56	ug/kg	112	3.0	SW846 8260B
1,2-Dichloroethane	50	53	ug/kg	107		SW846 8260B
	50	54	ug/kg	108	1.0	SW846 8260B
1,1-Dichloroethene	**50**	**53**	**ug/kg**	**107**		**SW846 8260B**
	50	**56**	**ug/kg**	**111**	**4.2**	**SW846 8260B**
cis-1,2-Dichloroethene	50	54	ug/kg	108		SW846 8260B
	50	56	ug/kg	112	3.5	SW846 8260B
trans-1,2-Dichloroethene	50	53	ug/kg	105		SW846 8260B
	50	56	ug/kg	111	5.2	SW846 8260B
1,2-Dichloropropane	50	55	ug/kg	110		SW846 8260B
	50	55	ug/kg	109	0.48	SW846 8260B
cis-1,3-Dichloropropene	50	54	ug/kg	108		SW846 8260B
	50	54	ug/kg	108	0.20	SW846 8260B
trans-1,3-Dichloropropene	50	52	ug/kg	104		SW846 8260B
	50	51	ug/kg	103	1.4	SW846 8260B
Ethylbenzene	50	51	ug/kg	103		SW846 8260B
	50	51	ug/kg	103	0.30	SW846 8260B
Trichlorofluoromethane	50	57	ug/kg	114		SW846 8260B
	50	59	ug/kg	118	3.6	SW846 8260B
2-Hexanone	50	48	ug/kg	95		SW846 8260B
	50	49	ug/kg	98	2.9	SW846 8260B
Isopropylbenzene	50	58	ug/kg	115		SW846 8260B
	50	57	ug/kg	114	0.65	SW846 8260B
Methyl acetate	50	58	ug/kg	117		SW846 8260B
	50	56	ug/kg	113	3.2	SW846 8260B
Methylcyclohexane	50	51	ug/kg	102		SW846 8260B
	50	53	ug/kg	107	4.5	SW846 8260B
Methylene chloride	50	56	ug/kg	112		SW846 8260B
	50	58	ug/kg	116	3.2	SW846 8260B
4-Methyl-2-pentanone	50	53	ug/kg	107		SW846 8260B
	50	55	ug/kg	110	3.3	SW846 8260B
Styrene	50	53	ug/kg	105		SW846 8260B
	50	52	ug/kg	105	0.25	SW846 8260B
1,1,2,2-Tetrachloroethane	50	52	ug/kg	105		SW846 8260B
	50	50	ug/kg	100	4.5	SW846 8260B
Tetrachloroethene	50	52	ug/kg	103		SW846 8260B
	50	52	ug/kg	104	1.1	SW846 8260B
Toluene	**50**	**50**	**ug/kg**	**101**		**SW846 8260B**
	50	**49**	**ug/kg**	**98**	**2.4**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2,4-Trichloro-benzene	50	51	ug/kg	102		SW846 8260B
	50	52	ug/kg	104	1.0	SW846 8260B
1,1,1-Trichloroethane	50	55	ug/kg	110		SW846 8260B
	50	57	ug/kg	113	3.0	SW846 8260B
1,1,2-Trichloroethane	50	51	ug/kg	102		SW846 8260B
	50	50	ug/kg	100	1.9	SW846 8260B
Trichloroethene	**50**	**54**	**ug/kg**	**108**		**SW846 8260B**
	50	**54**	**ug/kg**	**109**	**0.55**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	50	61	ug/kg	123		SW846 8260B
	50	65	ug/kg	130	5.6	SW846 8260B
1,2,4-Trimethylbenzene	50	52	ug/kg	104		SW846 8260B
	50	49	ug/kg	97	6.6	SW846 8260B
1,3,5-Trimethylbenzene	50	53	ug/kg	106		SW846 8260B
	50	50	ug/kg	100	5.7	SW846 8260B
Vinyl chloride	50	46	ug/kg	91		SW846 8260B
	50	49	ug/kg	97	6.4	SW846 8260B
Xylenes (total)	150	160	ug/kg	104		SW846 8260B
	150	150	ug/kg	102	1.5	SW846 8260B
Methyl tert-butyl ether	50	55	ug/kg	110		SW846 8260B
	50	57	ug/kg	114	3.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	92	(61 - 130)
Toluene-d8	83	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	83	(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 #...: A7J160150 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	103	(58 - 130)			SW846 8260B
	107	(58 - 130)	4.3	(0-30)	SW846 8260B
Benzene	**105**	**(75 - 129)**			**SW846 8260B**
	107	**(75 - 129)**	**1.6**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	107	(72 - 125)			SW846 8260B
	108	(72 - 125)	1.3	(0-30)	SW846 8260B
Bromoform	110	(43 - 149)			SW846 8260B
	111	(43 - 149)	1.1	(0-30)	SW846 8260B
Bromomethane	98	(24 - 152)			SW846 8260B
	106	(24 - 152)	8.2	(0-30)	SW846 8260B
2-Butanone	106	(27 - 200)			SW846 8260B
	104	(27 - 200)	1.8	(0-46)	SW846 8260B
Carbon disulfide	109	(50 - 137)			SW846 8260B
	112	(50 - 137)	3.1	(0-30)	SW846 8260B
Carbon tetrachloride	107	(57 - 137)			SW846 8260B
	113	(57 - 137)	5.6	(0-30)	SW846 8260B
Chlorobenzene	**101**	**(75 - 127)**			**SW846 8260B**
	100	**(75 - 127)**	**0.32**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	106	(49 - 135)			SW846 8260B
	108	(49 - 135)	2.0	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	103	(50 - 150)			SW846 8260B
	106	(50 - 150)	3.3	(0-30)	SW846 8260B
Chloroethane	104	(31 - 144)			SW846 8260B
	112	(31 - 144)	7.3	(0-30)	SW846 8260B
Chloroform	104	(73 - 115)			SW846 8260B
	109	(73 - 115)	4.4	(0-30)	SW846 8260B
Chloromethane	91	(15 - 136)			SW846 8260B
	95	(15 - 136)	5.0	(0-30)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	107	(50 - 150)	4.5	(0-20)	SW846 8260B
1,2-Dibromoethane	105	(50 - 150)			SW846 8260B
	103	(50 - 150)	1.1	(0-30)	SW846 8260B
1,2-Dichlorobenzene	101	(50 - 150)			SW846 8260B
	97	(50 - 150)	4.1	(0-30)	SW846 8260B
1,3-Dichlorobenzene	103	(50 - 150)			SW846 8260B
	97	(50 - 150)	5.8	(0-20)	SW846 8260B
1,4-Dichlorobenzene	100	(50 - 150)			SW846 8260B
	94	(50 - 150)	6.4	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	69	(50 - 150)			SW846 8260B
	74	(50 - 150)	7.0	(0-20)	SW846 8260B
1,1-Dichloroethane	109	(77 - 119)			SW846 8260B
	112	(77 - 119)	3.0	(0-30)	SW846 8260B
1,2-Dichloroethane	107	(78 - 121)			SW846 8260B
	108	(78 - 121)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**107**	**(55 - 142)**			**SW846 8260B**
	111	**(55 - 142)**	**4.2**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	108	(77 - 114)			SW846 8260B
	112	(77 - 114)	3.5	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	105	(68 - 117)			SW846 8260B
	111	(68 - 117)	5.2	(0-30)	SW846 8260B
1,2-Dichloropropane	110	(78 - 116)			SW846 8260B
	109	(78 - 116)	0.48	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	108	(71 - 125)			SW846 8260B
	108	(71 - 125)	0.20	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	104	(67 - 125)			SW846 8260B
	103	(67 - 125)	1.4	(0-30)	SW846 8260B
Ethylbenzene	103	(79 - 114)			SW846 8260B
	103	(79 - 114)	0.30	(0-30)	SW846 8260B
Trichlorofluoromethane	114	(50 - 150)			SW846 8260B
	118	(50 - 150)	3.6	(0-20)	SW846 8260B
2-Hexanone	95	(29 - 200)			SW846 8260B
	98	(29 - 200)	2.9	(0-41)	SW846 8260B
Isopropylbenzene	115	(50 - 150)			SW846 8260B
	114	(50 - 150)	0.65	(0-20)	SW846 8260B
Methyl acetate	117	(50 - 150)			SW846 8260B
	113	(50 - 150)	3.2	(0-20)	SW846 8260B
Methylcyclohexane	102	(50 - 150)			SW846 8260B
	107	(50 - 150)	4.5	(0-20)	SW846 8260B
Methylene chloride	112	(58 - 130)			SW846 8260B
	116	(58 - 130)	3.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	107	(68 - 142)			SW846 8260B
	110	(68 - 142)	3.3	(0-60)	SW846 8260B
Styrene	105	(80 - 114)			SW846 8260B
	105	(80 - 114)	0.25	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(70 - 133)			SW846 8260B
	100	(70 - 133)	4.5	(0-30)	SW846 8260B
Tetrachloroethene	103	(72 - 120)			SW846 8260B
	104	(72 - 120)	1.1	(0-30)	SW846 8260B
Toluene	**101**	**(71 - 130)**			**SW846 8260B**
	98	**(71 - 130)**	**2.4**	**(0-24)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85V91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-292 J85V91AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	102	(50 - 150)			SW846 8260B
	104	(50 - 150)	1.0	(0-20)	SW846 8260B
1,1,1-Trichloroethane	110	(67 - 123)			SW846 8260B
	113	(67 - 123)	3.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	102	(82 - 116)			SW846 8260B
	100	(82 - 116)	1.9	(0-30)	SW846 8260B
Trichloroethene	**108**	**(70 - 131)**			**SW846 8260B**
	109	**(70 - 131)**	**0.55**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-trifluoroethane	123	(70 - 130)			SW846 8260B
	130	(50 - 150)	5.6	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	104	(70 - 130)			SW846 8260B
	97	(70 - 130)	6.6	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	106	(70 - 130)			SW846 8260B
	100	(70 - 130)	5.7	(0-30)	SW846 8260B
Vinyl chloride	91	(24 - 152)			SW846 8260B
	97	(24 - 152)	6.4	(0-30)	SW846 8260B
Xylenes (total)	104	(80 - 114)			SW846 8260B
	102	(80 - 114)	1.5	(0-30)	SW846 8260B
Methyl tert-butyl ether	110	(70 - 130)			SW846 8260B
	114	(70 - 130)	3.3	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(59 - 138)
	94	(59 - 138)
1,2-Dichloroethane-d4	85	(61 - 130)
	92	(61 - 130)
Toluene-d8	83	(60 - 143)
	88	(60 - 143)
4-Bromofluorobenzene	83	(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 #...: A7J160150 **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
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
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**
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
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
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

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
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
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
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
Methylene chloride	50	57	ug/kg	114		SW846 8260B
	50	57	ug/kg	114	0.10	SW846 8260B
Methylcyclohexane	50	52	ug/kg	104		SW846 8260B
	50	52	ug/kg	105	0.64	SW846 8260B
4-Methyl-2-pentanone	50	50	ug/kg	101		SW846 8260B
	50	51	ug/kg	103	1.8	SW846 8260B
Methyl tert-butyl ether	50	52	ug/kg	104		SW846 8260B
	50	54	ug/kg	108	3.1	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

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
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**
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**
Trichlorofluoromethane	50	58	ug/kg	116		SW846 8260B
	50	57	ug/kg	114	2.3	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
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

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 #...: A7J160150 **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
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
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**
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
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
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

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
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
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
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
Methylene chloride	114	(58 - 130)			SW846 8260B
	114	(58 - 130)	0.10	(0-30)	SW846 8260B
Methylcyclohexane	104	(50 - 150)			SW846 8260B
	105	(50 - 150)	0.64	(0-20)	SW846 8260B
4-Methyl-2-pentanone	101	(68 - 142)			SW846 8260B
	103	(68 - 142)	1.8	(0-60)	SW846 8260B
Methyl tert-butyl ether	104	(70 - 130)			SW846 8260B
	108	(70 - 130)	3.1	(0-30)	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

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J9DGM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-203 J9DGM1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
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**
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**
Trichlorofluoromethane	116	(50 - 150)			SW846 8260B
	114	(50 - 150)	2.3	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	122	(70 - 130)			SW846 8260B
	126	(50 - 150)	3.4	(0-20)	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

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 #...: A7J160150 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD
Date Sampled...: 10/15/07 09:30 **Date Received..:** 10/15/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	58	64	ug/kg	106		SW846 8260B
	ND	58	66	ug/kg	110	3.3	SW846 8260B
Benzene	**ND**	**58**	**60**	**ug/kg**	**103**		**SW846 8260B**
	ND	**58**	**52**	**ug/kg**	**90**	**14**	**SW846 8260B**
Bromodichloromethane	ND	58	59	ug/kg	103		SW846 8260B
	ND	58	55	ug/kg	95	7.8	SW846 8260B
Bromoform	ND	58	59	ug/kg	102		SW846 8260B
	ND	58	60	ug/kg	104	2.6	SW846 8260B
Bromomethane	ND	58	59	ug/kg	103		SW846 8260B
	ND	58	53	ug/kg	93	11	SW846 8260B
2-Butanone	ND	58	62	ug/kg	107		SW846 8260B
	ND	58	62	ug/kg	107	0.38	SW846 8260B
Carbon disulfide	ND	58	64	ug/kg	112		SW846 8260B
	ND	58	54	ug/kg	94	17	SW846 8260B
Carbon tetrachloride	ND	58	62	ug/kg	107		SW846 8260B
	ND	58	52	ug/kg	89	18	SW846 8260B
Chlorobenzene	**ND**	**58**	**52**	**ug/kg**	**90**		**SW846 8260B**
	ND	**58**	**47**	**ug/kg**	**81**	**10**	**SW846 8260B**
Dibromochloromethane	ND	58	59	ug/kg	102		SW846 8260B
	ND	58	55	ug/kg	96	6.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	58	56	ug/kg	97		SW846 8260B
	ND	58	56	ug/kg	96	0.68	SW846 8260B
Chloroethane	ND	58	62	ug/kg	108		SW846 8260B
	ND	58	55	ug/kg	96	12	SW846 8260B
Chloroform	ND	58	60	ug/kg	104		SW846 8260B
	ND	58	55	ug/kg	96	8.6	SW846 8260B
Chloromethane	ND	58	55	ug/kg	96		SW846 8260B
	ND	58	47	ug/kg	82	15	SW846 8260B
Cyclohexane	ND	58	59	ug/kg	102		SW846 8260B
	ND	58	49	ug/kg	85	19	SW846 8260B
1,2-Dibromoethane	ND	58	58	ug/kg	100		SW846 8260B
	ND	58	54	ug/kg	94	5.7	SW846 8260B
1,2-Dichlorobenzene	ND	58	47	ug/kg	81		SW846 8260B
	ND	58	42	ug/kg	73	9.5	SW846 8260B
1,3-Dichlorobenzene	ND	58	46	ug/kg	80		SW846 8260B
	ND	58	41	ug/kg	70	13	SW846 8260B
1,4-Dichlorobenzene	ND	58	44	ug/kg	77		SW846 8260B
	ND	58	40	ug/kg	68	12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Dichlorodifluoromethane	ND	58	44	ug/kg	76		SW846 8260B
	ND	58	34	ug/kg	59 p	25	SW846 8260B
1,1-Dichloroethane	ND	58	64	ug/kg	110		SW846 8260B
	ND	58	55	ug/kg	96	14	SW846 8260B
1,2-Dichloroethane	ND	58	60	ug/kg	104		SW846 8260B
	ND	58	56	ug/kg	97	6.7	SW846 8260B
1,1-Dichloroethene	**ND**	**58**	**65**	**ug/kg**	**113**		**SW846 8260B**
	ND	**58**	**54**	**ug/kg**	**94**	**18**	**SW846 8260B**
cis-1,2-Dichloroethene	ND	58	63	ug/kg	109		SW846 8260B
	ND	58	57	ug/kg	99	9.2	SW846 8260B
trans-1,2-Dichloroethene	ND	58	65	ug/kg	112		SW846 8260B
	ND	58	54	ug/kg	93	18	SW846 8260B
1,2-Dichloropropane	ND	58	60	ug/kg	103		SW846 8260B
	ND	58	55	ug/kg	95	8.9	SW846 8260B
cis-1,3-Dichloropropene	ND	58	54	ug/kg	94		SW846 8260B
	ND	58	53	ug/kg	92	3.0	SW846 8260B
trans-1,3-Dichloropropene	ND	58	53	ug/kg	92		SW846 8260B
	ND	58	50	ug/kg	86	6.1	SW846 8260B
Ethylbenzene	ND	58	52	ug/kg	90		SW846 8260B
	ND	58	46	ug/kg	79	13	SW846 8260B
Trichlorofluoromethane	ND	58	67	ug/kg	116		SW846 8260B
	ND	58	55	ug/kg	95	20	SW846 8260B
2-Hexanone	ND	58	53	ug/kg	92		SW846 8260B
	ND	58	55	ug/kg	95	2.9	SW846 8260B
Isopropylbenzene	ND	58	57	ug/kg	98		SW846 8260B
	ND	58	52	ug/kg	91	8.3	SW846 8260B
Methyl acetate	ND	58	69	ug/kg	120		SW846 8260B
	ND	58	72	ug/kg	125	4.5	SW846 8260B
Methylcyclohexane	ND	58	59	ug/kg	101		SW846 8260B
	ND	58	48	ug/kg	84	19	SW846 8260B
Methylene chloride	0.79	58	68	ug/kg	116		SW846 8260B
	0.79	58	62	ug/kg	107	7.8	SW846 8260B
4-Methyl-2-pentanone	ND	58	60	ug/kg	103		SW846 8260B
	ND	58	62	ug/kg	108	4.7	SW846 8260B
Styrene	ND	58	50	ug/kg	87		SW846 8260B
	ND	58	48	ug/kg	84	4.1	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	58	64	ug/kg	111		SW846 8260B
	ND	58	56	ug/kg	97	14	SW846 8260B
Tetrachloroethene	ND	58	53	ug/kg	92		SW846 8260B
	ND	58	45	ug/kg	79	16	SW846 8260B
Toluene	**ND**	**58**	**55**	**ug/kg**	**95**		**SW846 8260B**
	ND	**58**	**46**	**ug/kg**	**79**	**18**	**SW846 8260B**

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,4-Trichloro-benzene	ND	58	33	ug/kg	57		SW846 8260B
	ND	58	36	ug/kg	63	9.2	SW846 8260B
1,1,1-Trichloroethane	ND	58	65	ug/kg	112		SW846 8260B
	ND	58	55	ug/kg	95	17	SW846 8260B
1,1,2-Trichloroethane	ND	58	58	ug/kg	100		SW846 8260B
	ND	58	53	ug/kg	92	8.4	SW846 8260B
Trichloroethene	**ND**	**58**	**58**	**ug/kg**	**101**		**SW846 8260B**
	ND	**58**	**51**	**ug/kg**	**88**	**14**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	ND	58	76	ug/kg	131		SW846 8260B
	ND	58	61	ug/kg	106 p	21	SW846 8260B
1,2,4-Trimethylbenzene	ND	58	50	ug/kg	86		SW846 8260B
	ND	58	42	ug/kg	72	17	SW846 8260B
1,3,5-Trimethylbenzene	ND	58	51	ug/kg	89		SW846 8260B
	ND	58	43	ug/kg	75	17	SW846 8260B
Vinyl chloride	ND	58	54	ug/kg	93		SW846 8260B
	ND	58	46	ug/kg	80	15	SW846 8260B
Xylenes (total)	ND	170	160	ug/kg	90		SW846 8260B
	ND	170	140	ug/kg	82	9.2	SW846 8260B
Methyl tert-butyl ether	ND	58	62	ug/kg	108		SW846 8260B
	ND	58	64	ug/kg	111	3.1	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
	96	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
	94	(61 - 130)
Toluene-d8	84	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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

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 #...: A7J160150 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD
Date Sampled...: 10/15/07 09:30 **Date Received..:** 10/15/07
Prep Date.....: 10/16/07 **Analysis Date..:** 10/16/07
Prep Batch #...: 7290292
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	106	(10 - 200)			SW846 8260B
	110	(10 - 200)	3.3	(0-66)	SW846 8260B
Benzene	**103**	**(55 - 138)**			**SW846 8260B**
	90	**(55 - 138)**	**14**	**(0-20)**	**SW846 8260B**
Bromodichloromethane	103	(47 - 131)			SW846 8260B
	95	(47 - 131)	7.8	(0-51)	SW846 8260B
Bromoform	102	(26 - 141)			SW846 8260B
	104	(26 - 141)	2.6	(0-64)	SW846 8260B
Bromomethane	103	(15 - 152)			SW846 8260B
	93	(15 - 152)	11	(0-72)	SW846 8260B
2-Butanone	107	(21 - 195)			SW846 8260B
	107	(21 - 195)	0.38	(0-60)	SW846 8260B
Carbon disulfide	112	(27 - 149)			SW846 8260B
	94	(27 - 149)	17	(0-73)	SW846 8260B
Carbon tetrachloride	107	(32 - 143)			SW846 8260B
	89	(32 - 143)	18	(0-68)	SW846 8260B
Chlorobenzene	**90**	**(49 - 139)**			**SW846 8260B**
	81	**(49 - 139)**	**10**	**(0-22)**	**SW846 8260B**
Dibromochloromethane	102	(44 - 135)			SW846 8260B
	96	(44 - 135)	6.6	(0-61)	SW846 8260B
1,2-Dibromo-3-chloro-propane	97	(50 - 150)			SW846 8260B
	96	(50 - 150)	0.68	(0-20)	SW846 8260B
Chloroethane	108	(32 - 140)			SW846 8260B
	96	(32 - 140)	12	(0-66)	SW846 8260B
Chloroform	104	(59 - 128)			SW846 8260B
	96	(59 - 128)	8.6	(0-46)	SW846 8260B
Chloromethane	96	(28 - 130)			SW846 8260B
	82	(28 - 130)	15	(0-81)	SW846 8260B
Cyclohexane	102	(50 - 150)			SW846 8260B
	85	(50 - 150)	19	(0-20)	SW846 8260B
1,2-Dibromoethane	100	(50 - 150)			SW846 8260B
	94	(50 - 150)	5.7	(0-20)	SW846 8260B
1,2-Dichlorobenzene	81	(50 - 150)			SW846 8260B
	73	(50 - 150)	9.5	(0-20)	SW846 8260B
1,3-Dichlorobenzene	80	(50 - 150)			SW846 8260B
	70	(50 - 150)	13	(0-20)	SW846 8260B
1,4-Dichlorobenzene	77	(50 - 150)			SW846 8260B
	68	(50 - 150)	12	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dichlorodifluoromethane	76	(50 - 150)			SW846 8260B
	59 p	(50 - 150)	25	(0-20)	SW846 8260B
1,1-Dichloroethane	110	(56 - 130)			SW846 8260B
	96	(56 - 130)	14	(0-54)	SW846 8260B
1,2-Dichloroethane	104	(56 - 126)			SW846 8260B
	97	(56 - 126)	6.7	(0-38)	SW846 8260B
1,1-Dichloroethene	**113**	**(43 - 147)**			**SW846 8260B**
	94	**(43 - 147)**	**18**	**(0-27)**	**SW846 8260B**
cis-1,2-Dichloroethene	109	(48 - 127)			SW846 8260B
	99	(48 - 127)	9.2	(0-52)	SW846 8260B
trans-1,2-Dichloroethene	112	(47 - 127)			SW846 8260B
	93	(47 - 127)	18	(0-58)	SW846 8260B
1,2-Dichloropropane	103	(54 - 125)			SW846 8260B
	95	(54 - 125)	8.9	(0-43)	SW846 8260B
cis-1,3-Dichloropropene	94	(30 - 138)			SW846 8260B
	92	(30 - 138)	3.0	(0-49)	SW846 8260B
trans-1,3-Dichloropropene	92	(34 - 134)			SW846 8260B
	86	(34 - 134)	6.1	(0-57)	SW846 8260B
Ethylbenzene	90	(36 - 133)			SW846 8260B
	79	(36 - 133)	13	(0-72)	SW846 8260B
Trichlorofluoromethane	116	(50 - 150)			SW846 8260B
	95	(50 - 150)	20	(0-20)	SW846 8260B
2-Hexanone	92	(20 - 190)			SW846 8260B
	95	(20 - 190)	2.9	(0-70)	SW846 8260B
Isopropylbenzene	98	(50 - 150)			SW846 8260B
	91	(50 - 150)	8.3	(0-20)	SW846 8260B
Methyl acetate	120	(50 - 150)			SW846 8260B
	125	(50 - 150)	4.5	(0-20)	SW846 8260B
Methylcyclohexane	101	(50 - 150)			SW846 8260B
	84	(50 - 150)	19	(0-20)	SW846 8260B
Methylene chloride	116	(45 - 129)			SW846 8260B
	107	(45 - 129)	7.8	(0-49)	SW846 8260B
4-Methyl-2-pentanone	103	(42 - 143)			SW846 8260B
	108	(42 - 143)	4.7	(0-60)	SW846 8260B
Styrene	87	(23 - 136)			SW846 8260B
	84	(23 - 136)	4.1	(0-65)	SW846 8260B
1,1,2,2-Tetrachloroethane	111	(33 - 162)			SW846 8260B
	97	(33 - 162)	14	(0-90)	SW846 8260B
Tetrachloroethene	92	(31 - 137)			SW846 8260B
	79	(31 - 137)	16	(0-81)	SW846 8260B
Toluene	**95**	**(46 - 147)**			**SW846 8260B**
	79	**(46 - 147)**	**18**	**(0-24)**	**SW846 8260B**

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J82GQ1AD-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J160106-008 J82GQ1AE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,4-Trichloro-benzene	57	(50 - 150)			SW846 8260B
	63	(50 - 150)	9.2	(0-20)	SW846 8260B
1,1,1-Trichloroethane	112	(48 - 132)			SW846 8260B
	95	(48 - 132)	17	(0-57)	SW846 8260B
1,1,2-Trichloroethane	100	(58 - 128)			SW846 8260B
	92	(58 - 128)	8.4	(0-52)	SW846 8260B
Trichloroethene	**101**	**(46 - 143)**			**SW846 8260B**
	88	**(46 - 143)**	**14**	**(0-23)**	**SW846 8260B**
1,1,2-Trichloro-1,2,2-tri	131	(50 - 150)			SW846 8260B
	106 p	(50 - 150)	21	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	72	(70 - 130)	17	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)			SW846 8260B
	75	(70 - 130)	17	(0-30)	SW846 8260B
Vinyl chloride	93	(30 - 136)			SW846 8260B
	80	(30 - 136)	15	(0-80)	SW846 8260B
Xylenes (total)	90	(33 - 135)			SW846 8260B
	82	(33 - 135)	9.2	(0-78)	SW846 8260B
Methyl tert-butyl ether	108	(70 - 130)			SW846 8260B
	111	(70 - 130)	3.1	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
	96	(59 - 138)
1,2-Dichloroethane-d4	90	(61 - 130)
	94	(61 - 130)
Toluene-d8	84	(60 - 143)
	86	(60 - 143)
4-Bromofluorobenzene	87	(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

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 Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721ED-MS **Matrix.....:** SOLID
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 **% Moisture.....:** 12

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
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
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**
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
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
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

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721ED-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
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
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
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						
Methylene chloride	ND	34	47	ug/kg	137 a		SW846 8260B
	ND	46	56	ug/kg	124	18	SW846 8260B
Methylcyclohexane	ND	34	44	ug/kg	128		SW846 8260B
	ND	46	51	ug/kg	112	16	SW846 8260B
4-Methyl-2-pentanone	ND	34	43	ug/kg	126		SW846 8260B
	ND	46	53	ug/kg	116	20	SW846 8260B
Methyl tert-butyl ether	ND	34	42	ug/kg	124		SW846 8260B
	ND	46	53	ug/kg	116	23	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

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721ED-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
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**
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**
Trichlorofluoromethane	ND	34	50	ug/kg	146		SW846 8260B
	ND	46	56	ug/kg	123	11	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
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

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 #...: A7J160150 **Work Order #...:** J85721ED-MS **Matrix.....:** SOLID
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 **% Moisture.....:** 12

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
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
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**
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
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
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

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721ED-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
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
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
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
Methylene chloride	137 a	(45 - 129)			SW846 8260B
	124	(45 - 129)	18	(0-49)	SW846 8260B
Methylcyclohexane	128	(50 - 150)			SW846 8260B
	112	(50 - 150)	16	(0-20)	SW846 8260B
4-Methyl-2-pentanone	126	(42 - 143)			SW846 8260B
	116	(42 - 143)	20	(0-60)	SW846 8260B
Methyl tert-butyl ether	124	(70 - 130)			SW846 8260B
	116	(70 - 130)	23	(0-30)	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

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721ED-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170210-002 J85721EE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
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**
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**
Trichlorofluoromethane	146	(50 - 150)			SW846 8260B
	123	(50 - 150)	11	(0-20)	SW846 8260B
1,1,2-Trichloro-1,2,2-tri	159 a	(50 - 150)			SW846 8260B
	140	(50 - 150)	16	(0-20)	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

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 #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **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

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 **% Moisture.....:** 12

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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 **% Moisture.....:** 12

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 #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J160150 **Work Order #...:** J85721AU-MS **Matrix.....:** SOLID
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 #...: A7J160150 **Work Order #...:** J84Q01AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J170000-036

Prep Date.....: 10/17/07
Analysis Date..: 10/22/07 **Prep Batch #...:** 7290036
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	112	(10 - 196)
Decachlorobiphenyl	121	(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 #...: A7J160150 **Work Order #...:** J84Q01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-036
Prep Date.....: 10/17/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7290036
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**430 a**	**ug/kg**	**128**	**SW846 8082**
Aroclor 1260	**330**	**420**	**ug/kg**	**125**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	133	(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

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: A7J160150 **Work Order #...:** J84Q01AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J170000-036
Prep Date.....: 10/17/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7290036
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**128 a**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**125**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	133	(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

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: A7J160150 **Work Order #...:** J82RC1DU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J160150-001 J82RC1DV-MSD
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
Prep Date.....: 10/17/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7290036
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**350**	**310**	**ug/kg**	**87**		**SW846 8082**
	ND	**350**	**140**	**ug/kg**	**40 p**	**74**	**SW846 8082**
Aroclor 1260	**ND**	**350**	**260**	**ug/kg**	**74**		**SW846 8082**
	ND	**350**	**120**	**ug/kg**	**34 p**	**75**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 196)
	43	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)
	36	(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 #...: A7J160150 **Work Order #...:** J82RC1DU-MS **Matrix.....:** SO
MS Lot-Sample #: A7J160150-001 J82RC1DV-MSD
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07
Prep Date.....: 10/17/07 **Analysis Date..:** 10/19/07
Prep Batch #...: 7290036
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**87**	**(10 - 199)**			**SW846 8082**
	40 p	**(10 - 199)**	**74**	**(0-30)**	**SW846 8082**
Aroclor 1260	**74**	**(10 - 199)**			**SW846 8082**
	34 p	**(10 - 199)**	**75**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	91	(10 - 196)
	43	(10 - 196)
Decachlorobiphenyl	84	(10 - 199)
	36	(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 #...: A7J160150 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J170000-018 **Prep Batch #...:** 7290018						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AC
		Dilution Factor: 1				
Antimony	**0.070 B**	**0.16**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J84P11AV**
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/17-10/18/07	J84P11AW
		Dilution Factor: 1				
Barium	**0.088 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J84P11AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AF
		Dilution Factor: 1				
Calcium	**20.0 B**	**400**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J84P11AG**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AU
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AL
		Dilution Factor: 1				
Manganese	**0.13 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J84P11AM**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/17/07	J84P11AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AN
		Dilution Factor: 1				
Potassium	**18.1 B**	**400**	**mg/kg**	**SW846 6010B**	**10/17-10/18/07**	**J84P11AP**
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/17-10/19/07	J84P11AX
		Dilution Factor: 1				
Silver	**0.022 B**	**0.080**	**mg/kg**	**SW846 6020**	**10/17-10/19/07**	**J84P11A0**
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/17-10/18/07	J84P11A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/17-10/18/07	J84P11AR
		Dilution Factor: 1				
Zinc	**0.54 B**	**0.80**	**mg/kg**	**SW846 6020**	**10/17-10/18/07**	**J84P11A2**
		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 #...: A7J160150 **Matrix.....:** SOLID

LCS Lot-Sample#: A7J170000-018 **Prep Batch #...:** 7290018

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	0.83	0.86	mg/kg	103	SW846 7471A	10/17/07	J84P11A3
			Dilution Factor: 1				
Aluminum	200	178	mg/kg	89	SW846 6010B	10/17-10/18/07	J84P11A4
			Dilution Factor: 1				
Barium	200	189	mg/kg	95	SW846 6010B	10/17-10/18/07	J84P11A5
			Dilution Factor: 1				
Beryllium	5.0	4.9	mg/kg	97	SW846 6010B	10/17-10/18/07	J84P11A6
			Dilution Factor: 1				
Cadmium	5.0	4.6	mg/kg	92	SW846 6010B	10/17-10/18/07	J84P11A7
			Dilution Factor: 1				
Calcium	5000	4520	mg/kg	90	SW846 6010B	10/17-10/18/07	J84P11A8
			Dilution Factor: 1				
Cobalt	50.0	46.6	mg/kg	93	SW846 6010B	10/17-10/18/07	J84P11A9
			Dilution Factor: 1				
Copper	25.0	23.6	mg/kg	94	SW846 6010B	10/17-10/18/07	J84P11CA
			Dilution Factor: 1				
Iron	100	97.9	mg/kg	98	SW846 6010B	10/17-10/18/07	J84P11CC
			Dilution Factor: 1				
Magnesium	5000	4390	mg/kg	88	SW846 6010B	10/17-10/18/07	J84P11CD
			Dilution Factor: 1				
Manganese	50.0	49.0	mg/kg	98	SW846 6010B	10/17-10/18/07	J84P11CE
			Dilution Factor: 1				
Nickel	50.0	48.1	mg/kg	96	SW846 6010B	10/17-10/18/07	J84P11CF
			Dilution Factor: 1				
Potassium	5000	4480	mg/kg	90	SW846 6010B	10/17-10/18/07	J84P11CG
			Dilution Factor: 1				
Sodium	5000	4470	mg/kg	89	SW846 6010B	10/17-10/18/07	J84P11CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	46.1	mg/kg	92	SW846 6010B	10/17-10/18/07	J84P11CJ
			Dilution Factor: 1				
Chromium	20.0	18.8	mg/kg	94	SW846 6010B	10/17-10/18/07	J84P11CK
			Dilution Factor: 1				
Lead	50.0	45.4	mg/kg	91	SW846 6010B	10/17-10/18/07	J84P11CL
			Dilution Factor: 1				
Antimony	50.0	45.2	mg/kg	90	SW846 6020	10/17-10/18/07	J84P11CM
			Dilution Factor: 10				
Arsenic	10.0	8.6	mg/kg	86	SW846 6020	10/17-10/18/07	J84P11CN
			Dilution Factor: 1				
Selenium	10.0	8.1	mg/kg	81	SW846 6020	10/17-10/19/07	J84P11CP
			Dilution Factor: 1				
Silver	5.0	5.1	mg/kg	102	SW846 6020	10/17-10/19/07	J84P11CQ
			Dilution Factor: 10				
Thallium	10.0	8.2	mg/kg	82	SW846 6020	10/17-10/18/07	J84P11CR
			Dilution Factor: 1				
Zinc	10.0	8.8	mg/kg	88	SW846 6020	10/17-10/18/07	J84P11CT
			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 #...: A7J160150 **Matrix.....:** SOLID

LCS Lot-Sample#: A7J170000-018 **Prep Batch #...:** 7290018

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	103	(81 - 116)	SW846 7471A Dilution Factor: 1	10/17/07	J84P11A3
Aluminum	89	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11A4
Barium	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11A5
Beryllium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11A6
Cadmium	92	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11A7
Calcium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11A8
Cobalt	93	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11A9
Copper	94	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CA
Iron	98	(73 - 137)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CC
Magnesium	88	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CD
Manganese	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CE
Nickel	96	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CF
Potassium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CG
Sodium	89	(80 - 120)	SW846 6010B Dilution Factor: 1	10/17-10/18/07	J84P11CH

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	92	(80 - 120)	SW846 6010B	10/17-10/18/07	J84P11CJ
		Dilution Factor: 1			
Chromium	94	(80 - 120)	SW846 6010B	10/17-10/18/07	J84P11CK
		Dilution Factor: 1			
Lead	91	(80 - 120)	SW846 6010B	10/17-10/18/07	J84P11CL
		Dilution Factor: 1			
Antimony	90	(80 - 120)	SW846 6020	10/17-10/18/07	J84P11CM
		Dilution Factor: 10			
Arsenic	86	(73 - 110)	SW846 6020	10/17-10/18/07	J84P11CN
		Dilution Factor: 1			
Selenium	81	(73 - 110)	SW846 6020	10/17-10/19/07	J84P11CP
		Dilution Factor: 1			
Silver	102	(80 - 120)	SW846 6020	10/17-10/19/07	J84P11CQ
		Dilution Factor: 10			
Thallium	82	(71 - 110)	SW846 6020	10/17-10/18/07	J84P11CR
		Dilution Factor: 1			
Zinc	88	(72 - 113)	SW846 6020	10/17-10/18/07	J84P11CT
		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 #...: A7J160150 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J160150-001 **Prep Batch #...:** 7290018									
Aluminum									
	1640	211	2320	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1CD
			Qualifiers: NC,MSB						
	1640	211	2510	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Antimony									
	0.094	52.8	39.3 N	mg/kg	74		SW846 6020	10/17-10/18/07	J82RC1DF
	0.094	52.8	43.1	mg/kg	82	9.1	SW846 6020	10/17-10/18/07	J82RC1DG
			Dilution Factor: 10						
Arsenic									
	5.1	10.6	15.5	mg/kg	98		SW846 6020	10/17-10/18/07	J82RC1DH
	5.1	10.6	14.8	mg/kg	91	5.0	SW846 6020	10/17-10/18/07	J82RC1DJ
			Dilution Factor: 1						
Barium									
	8.9	211	204	mg/kg	93		SW846 6010B	10/17-10/18/07	J82RC1CF
	8.9	211	215	mg/kg	98	5.0	SW846 6010B	10/17-10/18/07	J82RC1CG
			Dilution Factor: 5						
Beryllium									
	0.13	5.3	5.1	mg/kg	95		SW846 6010B	10/17-10/18/07	J82RC1CH
	0.13	5.3	5.4	mg/kg	100	5.2	SW846 6010B	10/17-10/18/07	J82RC1CJ
			Dilution Factor: 5						
Cadmium									
	0.15	5.3	5.0	mg/kg	92		SW846 6010B	10/17-10/18/07	J82RC1CK
	0.15	5.3	5.4	mg/kg	100	7.8	SW846 6010B	10/17-10/18/07	J82RC1CL
			Dilution Factor: 5						
Calcium									
	91400	5280	126000	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1CM
			Qualifiers: NC,MSB						
	91400	5280	81700	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1CN
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Chromium									
	4.3	21.1	24.9	mg/kg	98		SW846 6010B	10/17-10/18/07	J82RC1DA
	4.3	21.1	25.8	mg/kg	102	3.7	SW846 6010B	10/17-10/18/07	J82RC1DC
			Dilution Factor: 5						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	2.7	52.8	50.8	mg/kg	91		SW846 6010B	10/17-10/18/07	J82RC1CP
	2.7	52.8	53.7	mg/kg	97	5.5	SW846 6010B	10/17-10/18/07	J82RC1CQ
			Dilution Factor: 5						
Copper									
	9.0	26.4	31.8	mg/kg	86		SW846 6010B	10/17-10/18/07	J82RC1CR
	9.0	26.4	33.3	mg/kg	92	4.6	SW846 6010B	10/17-10/18/07	J82RC1CT
			Dilution Factor: 5						
Iron									
	5450	106	5640	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1CU
			Qualifiers: NC,MSB						
	5450	106	5890	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Lead									
	4.1	52.8	50.0	mg/kg	87		SW846 6010B	10/17-10/18/07	J82RC1DD
	4.1	52.8	52.9	mg/kg	92	5.5	SW846 6010B	10/17-10/18/07	J82RC1DE
			Dilution Factor: 5						
Magnesium									
	19400	5280	25100	mg/kg	108		SW846 6010B	10/17-10/18/07	J82RC1CW
	19400	5280	18600 N	mg/kg	0.0	0.0	SW846 6010B	10/17-10/18/07	J82RC1CX
			Dilution Factor: 5						
Manganese									
	260	52.8	343	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1C0
			Qualifiers: NC,MSB						
	260	52.8	264	mg/kg			SW846 6010B	10/17-10/18/07	J82RC1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 5						
Mercury									
	ND	0.18	0.19	mg/kg	107		SW846 7471A	10/17/07	J82RC1CA
	ND	0.18	0.19	mg/kg	109	2.4	SW846 7471A	10/17/07	J82RC1CC
			Dilution Factor: 1						
Nickel									
	7.2	52.8	57.2	mg/kg	95		SW846 6010B	10/17-10/18/07	J82RC1C2
	7.2	52.8	59.7	mg/kg	100	4.3	SW846 6010B	10/17-10/18/07	J82RC1C3
			Dilution Factor: 5						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	313	5280	5080	mg/kg	90		SW846 6010B	10/17-10/18/07	J82RC1C4
	313	5280	5270	mg/kg	94	3.6	SW846 6010B	10/17-10/18/07	J82RC1C5
			Dilution Factor: 5						
Selenium									
	0.11	10.6	10.1	mg/kg	94		SW846 6020	10/17-10/19/07	J82RC1DK
	0.11	10.6	9.8	mg/kg	92	2.6	SW846 6020	10/17-10/19/07	J82RC1DL
			Dilution Factor: 1						
Silver									
	0.044	5.3	5.1	mg/kg	96		SW846 6020	10/17-10/19/07	J82RC1DM
	0.044	5.3	5.4	mg/kg	102	5.6	SW846 6020	10/17-10/19/07	J82RC1DN
			Dilution Factor: 10						
Sodium									
	151	5280	4940	mg/kg	91		SW846 6010B	10/17-10/18/07	J82RC1C6
	151	5280	5150	mg/kg	95	4.2	SW846 6010B	10/17-10/18/07	J82RC1C7
			Dilution Factor: 5						
Thallium									
	0.10	10.6	7.3	mg/kg	68		SW846 6020	10/17-10/18/07	J82RC1DP
	0.10	10.6	7.7	mg/kg	72	5.5	SW846 6020	10/17-10/18/07	J82RC1DQ
			Dilution Factor: 1						
Vanadium									
	6.4	52.8	54.4	mg/kg	91		SW846 6010B	10/17-10/18/07	J82RC1C8
	6.4	52.8	58.9	mg/kg	100	7.9	SW846 6010B	10/17-10/18/07	J82RC1C9
			Dilution Factor: 5						
Zinc									
	24.3	10.6	29.2	mg/kg	46		SW846 6020	10/17-10/19/07	J82RC1DR
	24.3	10.6	36.8 *	mg/kg	118	23	SW846 6020	10/17-10/19/07	J82RC1DT
			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 #...: A7J160150 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J160150-001 **Prep Batch #...:** 7290018							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CE
		Dilution Factor: 5					
Antimony	74 N	(75 - 125)			SW846 6020	10/17-10/18/07	J82RC1DF
	82	(75 - 125)	9.1	(0-20)	SW846 6020	10/17-10/18/07	J82RC1DG
		Dilution Factor: 10					
Arsenic	98	(23 - 131)			SW846 6020	10/17-10/18/07	J82RC1DH
	91	(23 - 131)	5.0	(0-20)	SW846 6020	10/17-10/18/07	J82RC1DJ
		Dilution Factor: 1					
Barium	93	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CF
	98	(75 - 125)	5.0	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CG
		Dilution Factor: 5					
Beryllium	95	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CH
	100	(75 - 125)	5.2	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CJ
		Dilution Factor: 5					
Cadmium	92	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CK
	100	(75 - 125)	7.8	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CL
		Dilution Factor: 5					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CM
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CN
		Dilution Factor: 5					
Chromium	98	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1DA
	102	(75 - 125)	3.7	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1DC
		Dilution Factor: 5					
Cobalt	91	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CP
	97	(75 - 125)	5.5	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CQ
		Dilution Factor: 5					
Copper	86	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CR
	92	(75 - 125)	4.6	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CT
		Dilution Factor: 5					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CV
		Dilution Factor: 5					
Lead	87	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1DD
	92	(75 - 125)	5.5	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1DE
		Dilution Factor: 5					
Magnesium	108	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1CW
	0.0 N	(75 - 125)	0.0	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1CX
		Dilution Factor: 5					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/17-10/18/07	J82RC1C1
		Dilution Factor: 5					
Mercury	107	(11 - 192)			SW846 7471A	10/17/07	J82RC1CA
	109	(11 - 192)	2.4	(0-20)	SW846 7471A	10/17/07	J82RC1CC
		Dilution Factor: 1					
Nickel	95	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1C2
	100	(75 - 125)	4.3	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1C3
		Dilution Factor: 5					
Potassium	90	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1C4
	94	(75 - 125)	3.6	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1C5
		Dilution Factor: 5					
Selenium	94	(39 - 116)			SW846 6020	10/17-10/19/07	J82RC1DK
	92	(39 - 116)	2.6	(0-20)	SW846 6020	10/17-10/19/07	J82RC1DL
		Dilution Factor: 1					
Silver	96	(75 - 125)			SW846 6020	10/17-10/19/07	J82RC1DM
	102	(75 - 125)	5.6	(0-20)	SW846 6020	10/17-10/19/07	J82RC1DN
		Dilution Factor: 10					
Sodium	91	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1C6
	95	(75 - 125)	4.2	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1C7
		Dilution Factor: 5					
Thallium	68	(62 - 110)			SW846 6020	10/17-10/18/07	J82RC1DP
	72	(62 - 110)	5.5	(0-20)	SW846 6020	10/17-10/18/07	J82RC1DQ
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J160150 **Matrix.....:** SO
Date Sampled...: 10/15/07 14:55 **Date Received..:** 10/16/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	91	(75 - 125)			SW846 6010B	10/17-10/18/07	J82RC1C8
	100	(75 - 125)	7.9	(0-20)	SW846 6010B	10/17-10/18/07	J82RC1C9
		Dilution Factor: 5					
Zinc	46	(10 - 199)			SW846 6020	10/17-10/19/07	J82RC1DR
	118 *	(10 - 199)	23	(0-20)	SW846 6020	10/17-10/19/07	J82RC1DT
		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 #...: A7J160150 **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				
Percent Solids		Work Order #: J9AXP1AA		MB Lot-Sample #:	A7J180000-596	
	ND	10.0	%	MCAWW 160.3 MOD	10/18-10/19/07	7291596
		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 #...: A7J160150 **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				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J160150 **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			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A7J160150 **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 #...: A7J160150 **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 #...: A7J160150 **Work Order #...:** J83H6-SMP **Matrix.....:** SOLID
J83H6-DUP
Date Sampled...: 10/11/07 14:00 **Date Received..:** 10/16/07
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J160237-001		
	85.6	85.7	%	0.15	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291596

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J160150 **Work Order #...:** J83J4-SMP **Matrix.....:** SOLID
J83J4-DUP
Date Sampled...: 10/11/07 15:30 **Date Received..:** 10/16/07
% Moisture.....: 22

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J160237-002		
	77.6	77.1	%	0.59	(0-20)	MCAWW 160.3 MOD	10/18-10/19/07	7291596

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

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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

(Continued on next page)

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**

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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
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

(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
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						

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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 #
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

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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

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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

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EXECUTIVE SUMMARY - Detection Highlights

A7J180159

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

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EXECUTIVE SUMMARY - Detection Highlights

A7J180159

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

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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

A7J180159

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				

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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				

(Continued on next page)

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						

(Continued on next page)

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						

(Continued on next page)

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					

(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 #
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

ANALYTICAL REPORT

PROJECT NO. 17322

GM CBC SSOW# E111021

Lot #: A7J190177

Paul Wiseman (PM)

Conestoga Rovers & Assoc., Inc
14496 Sheldon Rd Suite 200
Plymouth, MI 48170

TESTAMERICA LABORATORIES, INC.

Denise D. Heckler
Project Manager

October 29, 2007

EXECUTIVE SUMMARY - Detection Highlights

A7J190177

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101807-CB-085 10/18/07 08:20 001				
Trivalent Chromium	16.6	0.48	mg/kg	SW846 7196A
Silver	0.13	0.095	mg/kg	SW846 6020
Arsenic	6.9	0.095	mg/kg	SW846 6020
Antimony	1.5 J	0.19	mg/kg	SW846 6020
Selenium	0.33	0.20	mg/kg	SW846 6020
Thallium	0.22	0.095	mg/kg	SW846 6020
Zinc	122	0.95	mg/kg	SW846 6020
Mercury	0.44	0.048	mg/kg	SW846 7471A
Aluminum	6320	19.0	mg/kg	SW846 6010B
Barium	84.6 J	0.95	mg/kg	SW846 6010B
Beryllium	0.10 B	0.19	mg/kg	SW846 6010B
Calcium	39200 J	476	mg/kg	SW846 6010B
Cadmium	1.5	0.095	mg/kg	SW846 6010B
Cobalt	8.2	0.48	mg/kg	SW846 6010B
Chromium	18.3	0.48	mg/kg	SW846 6010B
Copper	67.1	0.95	mg/kg	SW846 6010B
Iron	38700	9.5	mg/kg	SW846 6010B
Potassium	1100 J	476	mg/kg	SW846 6010B
Magnesium	11100	95.2	mg/kg	SW846 6010B
Manganese	469 J	0.95	mg/kg	SW846 6010B
Sodium	182	95.2	mg/kg	SW846 6010B
Nickel	20.0	0.95	mg/kg	SW846 6010B
Lead	242	0.29	mg/kg	SW846 6010B
Vanadium	17.9	0.95	mg/kg	SW846 6010B
Acenaphthylene	41	32	ug/kg	SW846 8270C
Benzo(ghi)perylene	110	32	ug/kg	SW846 8270C
Fluoranthene	150	32	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	95	32	ug/kg	SW846 8270C
2-Methylnaphthalene	86	32	ug/kg	SW846 8270C
Phenanthrene	100	32	ug/kg	SW846 8270C
Pyrene	150	32	ug/kg	SW846 8270C
Hexavalent Chromium	1.7 J	0.95	mg/kg	SW846 7196A
Percent Solids	84.0	10.0	%	MCAWW 160.3 MOD
SO-17322-101807-CB-088 10/18/07 11:30 002				
Aroclor 1254	10 J	37	ug/kg	SW846 8082
Trivalent Chromium	12.1	0.45	mg/kg	SW846 7196A
Silver	0.13	0.091	mg/kg	SW846 6020
Arsenic	2.4	0.091	mg/kg	SW846 6020

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EXECUTIVE SUMMARY - Detection Highlights

A7J190177

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101807-CB-088 10/18/07 11:30 002				
Antimony	0.12 B,J	0.18	mg/kg	SW846 6020
Selenium	0.18 B	0.19	mg/kg	SW846 6020
Thallium	0.081 B	0.091	mg/kg	SW846 6020
Zinc	26.3	0.91	mg/kg	SW846 6020
Mercury	0.053	0.045	mg/kg	SW846 7471A
Aluminum	7040	18.2	mg/kg	SW846 6010B
Barium	48.5 J	0.91	mg/kg	SW846 6010B
Beryllium	0.16 B	0.18	mg/kg	SW846 6010B
Calcium	7770 J	454	mg/kg	SW846 6010B
Cadmium	0.19	0.091	mg/kg	SW846 6010B
Cobalt	7.3	0.45	mg/kg	SW846 6010B
Chromium	13.2	0.45	mg/kg	SW846 6010B
Copper	11.4	0.91	mg/kg	SW846 6010B
Iron	13500	9.1	mg/kg	SW846 6010B
Potassium	954 J	454	mg/kg	SW846 6010B
Magnesium	2580	90.9	mg/kg	SW846 6010B
Manganese	585 J	0.91	mg/kg	SW846 6010B
Sodium	107	90.9	mg/kg	SW846 6010B
Nickel	13.1	0.91	mg/kg	SW846 6010B
Lead	9.8	0.27	mg/kg	SW846 6010B
Vanadium	20.1	0.91	mg/kg	SW846 6010B
Acenaphthene	790	7.6	ug/kg	SW846 8270C
Acenaphthene	820	76	ug/kg	SW846 8270C
Anthracene	410	7.6	ug/kg	SW846 8270C
Benzo(a)anthracene	870	7.6	ug/kg	SW846 8270C
Benzo(a)anthracene	800	76	ug/kg	SW846 8270C
Benzo(a)pyrene	590	7.6	ug/kg	SW846 8270C
Benzo(a)pyrene	560	76	ug/kg	SW846 8270C
Benzo(b)fluoranthene	900	7.6	ug/kg	SW846 8270C
Benzo(b)fluoranthene	770	76	ug/kg	SW846 8270C
Benzo(ghi)perylene	240	7.6	ug/kg	SW846 8270C
Benzo(ghi)perylene	310	76	ug/kg	SW846 8270C
Benzo(k)fluoranthene	350	7.6	ug/kg	SW846 8270C
Benzo(k)fluoranthene	390	76	ug/kg	SW846 8270C
1,1'-Biphenyl	96	57	ug/kg	SW846 8270C
Chrysene	1100	7.6	ug/kg	SW846 8270C
Chrysene	1100	76	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	61	7.6	ug/kg	SW846 8270C
Dibenzofuran	470	57	ug/kg	SW846 8270C
Dibenzofuran	540 J	570	ug/kg	SW846 8270C
Fluoranthene	2400 E	7.6	ug/kg	SW846 8270C
Fluoranthene	3800	76	ug/kg	SW846 8270C
Fluorene	1000	7.6	ug/kg	SW846 8270C

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EXECUTIVE SUMMARY - Detection Highlights

A7J190177

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101807-CB-088 10/18/07 11:30 002				
Fluorene	1100	76	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	250	7.6	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	250	76	ug/kg	SW846 8270C
2-Methylnaphthalene	33	7.6	ug/kg	SW846 8270C
Naphthalene	280	7.6	ug/kg	SW846 8270C
Naphthalene	300	76	ug/kg	SW846 8270C
Phenanthrene	4400 E	7.6	ug/kg	SW846 8270C
Phenanthrene	4400	76	ug/kg	SW846 8270C
Pyrene	2100 E	7.6	ug/kg	SW846 8270C
Pyrene	2800	76	ug/kg	SW846 8270C
Acetone	15	12	ug/kg	SW846 8260B
2-Butanone	2.4 J	12	ug/kg	SW846 8260B
Ethylbenzene	0.25 J	3.0	ug/kg	SW846 8260B
Toluene	0.28 J	3.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	2.0 J	3.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	0.68 J	3.0	ug/kg	SW846 8260B
Xylenes (total)	1.4 J	5.9	ug/kg	SW846 8260B
Hexavalent Chromium	1.1 J	0.91	mg/kg	SW846 7196A
Percent Solids	88.0	10.0	%	MCAWW 160.3 MOD
SO-17322-101807-CB-086 10/18/07 08:30 003				
Trivalent Chromium	21.8	0.42	mg/kg	SW846 7196A
Silver	0.15	0.085	mg/kg	SW846 6020
Arsenic	3.8	0.085	mg/kg	SW846 6020
Antimony	2.5 J	0.17	mg/kg	SW846 6020
Selenium	0.15 B	0.18	mg/kg	SW846 6020
Thallium	0.17	0.085	mg/kg	SW846 6020
Zinc	79.0	0.85	mg/kg	SW846 6020
Mercury	0.39	0.042	mg/kg	SW846 7471A
Aluminum	8190	17.0	mg/kg	SW846 6010B
Barium	114 J	0.85	mg/kg	SW846 6010B
Beryllium	0.14 B	0.17	mg/kg	SW846 6010B
Calcium	27100 J	424	mg/kg	SW846 6010B
Cadmium	7.8	0.085	mg/kg	SW846 6010B
Cobalt	7.2	0.42	mg/kg	SW846 6010B
Chromium	22.9	0.42	mg/kg	SW846 6010B
Copper	113	0.85	mg/kg	SW846 6010B
Iron	17100	8.5	mg/kg	SW846 6010B
Potassium	1400 J	424	mg/kg	SW846 6010B
Magnesium	6070	84.8	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A7J190177

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101807-CB-086 10/18/07 08:30 003				
Manganese	317 J	0.85	mg/kg	SW846 6010B
Sodium	192	84.8	mg/kg	SW846 6010B
Nickel	28.8	0.85	mg/kg	SW846 6010B
Lead	446	0.25	mg/kg	SW846 6010B
Vanadium	20.0	0.85	mg/kg	SW846 6010B
Benzo(ghi)perylene	59	35	ug/kg	SW846 8270C
Fluoranthene	120	35	ug/kg	SW846 8270C
2-Methylnaphthalene	53	35	ug/kg	SW846 8270C
Phenanthrene	61	35	ug/kg	SW846 8270C
Pyrene	75	35	ug/kg	SW846 8270C
Toluene	0.24 J	4.4	ug/kg	SW846 8260B
Hexavalent Chromium	1.2 J	0.85	mg/kg	SW846 7196A
Percent Solids	94.3	10.0	%	MCAWW 160.3 MOD
SO-17322-101807-CB-089 10/18/07 15:50 004				
Aroclor 1260	38	35	ug/kg	SW846 8082
Trivalent Chromium	11.2	0.43	mg/kg	SW846 7196A
Silver	0.10	0.085	mg/kg	SW846 6020
Arsenic	4.6	0.085	mg/kg	SW846 6020
Antimony	0.32 J	0.17	mg/kg	SW846 6020
Selenium	0.32	0.18	mg/kg	SW846 6020
Thallium	0.12	0.085	mg/kg	SW846 6020
Zinc	81.6	0.85	mg/kg	SW846 6020
Mercury	0.056	0.043	mg/kg	SW846 7471A
Aluminum	6600	17.1	mg/kg	SW846 6010B
Barium	62.0 J	0.85	mg/kg	SW846 6010B
Beryllium	0.18	0.17	mg/kg	SW846 6010B
Calcium	40900 J	427	mg/kg	SW846 6010B
Cadmium	0.47	0.085	mg/kg	SW846 6010B
Cobalt	5.8	0.43	mg/kg	SW846 6010B
Chromium	14.6	0.43	mg/kg	SW846 6010B
Copper	25.7	0.85	mg/kg	SW846 6010B
Iron	14200	8.5	mg/kg	SW846 6010B
Potassium	1060 J	427	mg/kg	SW846 6010B
Magnesium	10200	85.5	mg/kg	SW846 6010B
Manganese	392 J	0.85	mg/kg	SW846 6010B
Sodium	139	85.5	mg/kg	SW846 6010B
Nickel	15.2	0.85	mg/kg	SW846 6010B
Lead	71.8	0.26	mg/kg	SW846 6010B
Vanadium	17.3	0.85	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

A7J190177

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SO-17322-101807-CB-089 10/18/07 15:50 004				
Acenaphthylene	29	29	ug/kg	SW846 8270C
Anthracene	61	29	ug/kg	SW846 8270C
Benzo(a)anthracene	290	29	ug/kg	SW846 8270C
Benzo(a)pyrene	330	29	ug/kg	SW846 8270C
Benzo(b)fluoranthene	430	29	ug/kg	SW846 8270C
Benzo(ghi)perylene	250	29	ug/kg	SW846 8270C
Benzo(k)fluoranthene	220	29	ug/kg	SW846 8270C
Chrysene	380	29	ug/kg	SW846 8270C
Fluoranthene	680	29	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	200	29	ug/kg	SW846 8270C
2-Methylnaphthalene	170	29	ug/kg	SW846 8270C
Naphthalene	74	29	ug/kg	SW846 8270C
Phenanthrene	250	29	ug/kg	SW846 8270C
Pyrene	480	29	ug/kg	SW846 8270C
Hexavalent Chromium	3.4 J	0.85	mg/kg	SW846 7196A
Percent Solids	93.6	10.0	%	MCAWW 160.3 MOD

ANALYTICAL METHODS SUMMARY

A7J190177

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

A7J190177

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J9DWG	001	SO-17322-101807-CB-085	10/18/07	08:20
J9DXP	002	SO-17322-101807-CB-088	10/18/07	11:30
J9DXQ	003	SO-17322-101807-CB-086	10/18/07	08:30
J9DXR	004	SO-17322-101807-CB-089	10/18/07	15:50
J9DXV	006	TB-17322-101807-CB-002	10/18/07	

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-17322-101807-CB-085

GC/MS Volatiles

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG1AC **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.67
% Moisture.....: 16 **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	0.30
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	0.41
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	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-17322-101807-CB-085

GC/MS Volatiles

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG1AC **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	0.22
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	0.53
Methyl tert-butyl ether	ND	16	ug/kg	0.34

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(59 - 138)
1,2-Dichloroethane-d4	103	(61 - 130)
Toluene-d8	81	(60 - 143)
4-Bromofluorobenzene	92	(47 - 158)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-088

GC/MS Volatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP1AN **Matrix.....:** SO
Date Sampled...: 10/18/07 11:30 **Date Received..:** 10/19/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.52
% Moisture.....: 12 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**15**	**12**	**ug/kg**	**3.7**
Benzene	ND	3.0	ug/kg	0.14
Bromodichloromethane	ND	3.0	ug/kg	0.17
Bromoform	ND	3.0	ug/kg	0.19
Bromomethane	ND	3.0	ug/kg	0.32
2-Butanone	**2.4 J**	**12**	**ug/kg**	**0.83**
Carbon disulfide	ND	3.0	ug/kg	0.26
Carbon tetrachloride	ND	3.0	ug/kg	0.22
Chlorobenzene	ND	3.0	ug/kg	0.19
Dibromochloromethane	ND	3.0	ug/kg	0.32
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg	0.77
Chloroethane	ND	3.0	ug/kg	0.51
Chloroform	ND	3.0	ug/kg	0.17
Chloromethane	ND	3.0	ug/kg	0.24
Cyclohexane	ND	5.9	ug/kg	0.19
1,2-Dibromoethane	ND	3.0	ug/kg	0.30
1,2-Dichlorobenzene	ND	3.0	ug/kg	0.21
1,3-Dichlorobenzene	ND	3.0	ug/kg	0.21
1,4-Dichlorobenzene	ND	3.0	ug/kg	0.39
Dichlorodifluoromethane	ND	3.0	ug/kg	0.30
1,1-Dichloroethane	ND	3.0	ug/kg	0.21
1,2-Dichloroethane	ND	3.0	ug/kg	0.20
1,1-Dichloroethene	ND	3.0	ug/kg	0.31
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.21
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.24
1,2-Dichloropropane	ND	3.0	ug/kg	0.41
cis-1,3-Dichloropropene	ND	3.0	ug/kg	0.20
trans-1,3-Dichloropropene	ND	3.0	ug/kg	0.32
Ethylbenzene	**0.25 J**	**3.0**	**ug/kg**	**0.15**
Trichlorofluoromethane	ND	3.0	ug/kg	0.20
2-Hexanone	ND	12	ug/kg	0.37
Isopropylbenzene	ND	3.0	ug/kg	0.094
Methyl acetate	ND	5.9	ug/kg	0.83
Methylcyclohexane	ND	5.9	ug/kg	0.18
Methylene chloride	ND	3.0	ug/kg	0.40
4-Methyl-2-pentanone	ND	12	ug/kg	0.32
Styrene	ND	3.0	ug/kg	0.089

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-088

GC/MS Volatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,2,2-Tetrachloroethane	ND	3.0	ug/kg	0.20
Tetrachloroethene	ND	3.0	ug/kg	0.31
Toluene	**0.28 J**	**3.0**	**ug/kg**	**0.16**
1,2,4-Trichloro-benzene	ND	3.0	ug/kg	0.16
1,1,1-Trichloroethane	ND	3.0	ug/kg	0.33
1,1,2-Trichloroethane	ND	3.0	ug/kg	0.23
Trichloroethene	ND	3.0	ug/kg	0.25
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	3.0	ug/kg	0.77
1,2,4-Trimethylbenzene	**2.0 J**	**3.0**	**ug/kg**	**0.38**
1,3,5-Trimethylbenzene	**0.68 J**	**3.0**	**ug/kg**	**0.15**
Vinyl chloride	ND	3.0	ug/kg	0.23
Xylenes (total)	**1.4 J**	**5.9**	**ug/kg**	**0.40**
Methyl tert-butyl ether	ND	12	ug/kg	0.25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	73	(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-17322-101807-CB-086

GC/MS Volatiles

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ1AN **Matrix.....:** SO
Date Sampled...: 10/18/07 08:30 **Date Received..:** 10/19/07
Prep Date.....: 10/23/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7297370
Dilution Factor: 0.83
% Moisture.....: 5.7 **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	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-17322-101807-CB-086

GC/MS Volatiles

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ1AN **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	**0.24 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	0.49
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	97	(59 - 138)
1,2-Dichloroethane-d4	99	(61 - 130)
Toluene-d8	77	(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-17322-101807-CB-089

GC/MS Volatiles

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR1AN **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
Dilution Factor: 0.82
% Moisture.....: 6.4 **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	0.47
2-Butanone	ND	18	ug/kg	1.2
Carbon disulfide	ND	4.4	ug/kg	0.39
Carbon tetrachloride	ND	4.4	ug/kg	0.32
Chlorobenzene	ND	4.4	ug/kg	0.29
Dibromochloromethane	ND	4.4	ug/kg	0.48
1,2-Dibromo-3-chloro-propane	ND	8.8	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	8.8	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	0.60
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	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	ND	4.4	ug/kg	0.59
4-Methyl-2-pentanone	ND	18	ug/kg	0.47
Styrene	ND	4.4	ug/kg	0.13

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-089

GC/MS Volatiles

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR1AN **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	91	(59 - 138)
1,2-Dichloroethane-d4	91	(61 - 130)
Toluene-d8	69	(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: TB-17322-101807-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J190177-006 **Work Order #...:** J9DXV1AA **Matrix.....:** SQ
Date Sampled...: 10/18/07 **Date Received..:** 10/19/07
Prep Date.....: 10/24/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7298305
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-17322-101807-CB-002

GC/MS Volatiles

Lot-Sample #...: A7J190177-006 **Work Order #...:** J9DXV1AA **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	84	(59 - 138)
1,2-Dichloroethane-d4	83	(61 - 130)
Toluene-d8	81	(60 - 143)
4-Bromofluorobenzene	89	(47 - 158)

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-085

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG1A5 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 4
% Moisture.....: 16 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	480	ug/kg	120
Pyridine	ND	480	ug/kg	81
Acenaphthene	ND	32	ug/kg	6.2
Acenaphthylene	**41**	**32**	**ug/kg**	**5.7**
Acetophenone	ND	480	ug/kg	120
Anthracene	ND	32	ug/kg	6.2
Atrazine	ND	950	ug/kg	100
Benzo(a)anthracene	ND	32	ug/kg	4.5
Benzo(a)pyrene	ND	32	ug/kg	6.2
Benzo(b)fluoranthene	ND	32	ug/kg	5.7
Benzo(ghi)perylene	**110**	**32**	**ug/kg**	**6.2**
Benzo(k)fluoranthene	ND	32	ug/kg	8.1
Benzaldehyde	ND	480	ug/kg	100
1,1'-Biphenyl	ND	240	ug/kg	110
bis(2-Chloroethoxy) methane	ND	480	ug/kg	100
bis(2-Chloroethyl)-ether	ND	480	ug/kg	9.5
bis(2-Ethylhexyl) phthalate	ND	240	ug/kg	86
4-Bromophenyl phenyl ether	ND	240	ug/kg	100
Butyl benzyl phthalate	ND	240	ug/kg	90
Caprolactam	ND	1600	ug/kg	180
Carbazole	ND	240	ug/kg	90
4-Chloroaniline	ND	710	ug/kg	81
4-Chloro-3-methylphenol	ND	710	ug/kg	100
2-Chloronaphthalene	ND	240	ug/kg	100
2-Chlorophenol	ND	240	ug/kg	120
4-Chlorophenyl phenyl ether	ND	240	ug/kg	110
Chrysene	ND	32	ug/kg	4.3
Dibenz(a,h)anthracene	ND	32	ug/kg	6.2
Dibenzofuran	ND	240	ug/kg	95
3,3'-Dichlorobenzidine	ND	480	ug/kg	86
2,4-Dichlorophenol	ND	710	ug/kg	95
Diethyl phthalate	ND	240	ug/kg	90

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-085

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG1A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	710	ug/kg	95
Dimethyl phthalate	ND	240	ug/kg	100
Di-n-butyl phthalate	ND	240	ug/kg	90
4,6-Dinitro-2-methylphenol	ND	710	ug/kg	62
2,4-Dinitrophenol	ND	1600	ug/kg	400
2,4-Dinitrotoluene	ND	950	ug/kg	86
2,6-Dinitrotoluene	ND	950	ug/kg	100
Di-n-octyl phthalate	ND	240	ug/kg	86
Fluoranthene	**150**	**32**	**ug/kg**	**5.7**
Fluorene	ND	32	ug/kg	5.7
Hexachlorobenzene	ND	32	ug/kg	10
Hexachlorobutadiene	ND	240	ug/kg	120
Hexachlorocyclopentadiene	ND	1600	ug/kg	76
Hexachloroethane	ND	240	ug/kg	130
Indeno(1,2,3-cd)pyrene	**95**	**32**	**ug/kg**	**7.1**
Isophorone	ND	240	ug/kg	100
2-Methylnaphthalene	**86**	**32**	**ug/kg**	**7.1**
2-Methylphenol	ND	950	ug/kg	130
4-Methylphenol	ND	950	ug/kg	100
Naphthalene	ND	32	ug/kg	7.6
2-Nitroaniline	ND	950	ug/kg	100
3-Nitroaniline	ND	950	ug/kg	76
4-Nitroaniline	ND	950	ug/kg	120
Nitrobenzene	ND	480	ug/kg	10
2-Nitrophenol	ND	240	ug/kg	90
4-Nitrophenol	ND	1600	ug/kg	520
N-Nitrosodi-n-propylamine	ND	240	ug/kg	110
N-Nitrosodiphenylamine	ND	240	ug/kg	100
Pentachlorophenol	ND	710	ug/kg	390
Phenanthrene	**100**	**32**	**ug/kg**	**9.5**
Phenol	ND	240	ug/kg	120
Pyrene	**150**	**32**	**ug/kg**	**5.2**
2,4,5-Trichlorophenol	ND	710	ug/kg	120
2,4,6-Trichlorophenol	ND	710	ug/kg	100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-085

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG1A5 **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	38 DIL	(24 - 112)
2-Fluorobiphenyl	61 DIL	(34 - 110)
Terphenyl-d14	72 DIL	(41 - 119)
Phenol-d5	47 DIL	(28 - 110)
2-Fluorophenol	40 DIL	(26 - 110)
2,4,6-Tribromophenol	49 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-17322-101807-CB-088

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP1AG **Matrix.....:** SO
Date Sampled...: 10/18/07 11:30 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
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	**790**	**7.6**	**ug/kg**	**1.5**
Acenaphthylene	ND	7.6	ug/kg	1.4
Acetophenone	ND	110	ug/kg	30
Anthracene	**410**	**7.6**	**ug/kg**	**1.5**
Atrazine	ND	230	ug/kg	24
Benzo(a)anthracene	**870**	**7.6**	**ug/kg**	**1.1**
Benzo(a)pyrene	**590**	**7.6**	**ug/kg**	**1.5**
Benzo(b)fluoranthene	**900**	**7.6**	**ug/kg**	**1.4**
Benzo(ghi)perylene	**240**	**7.6**	**ug/kg**	**1.5**
Benzo(k)fluoranthene	**350**	**7.6**	**ug/kg**	**1.9**
Benzaldehyde	ND	110	ug/kg	24
1,1'-Biphenyl	**96**	**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	**1100**	**7.6**	**ug/kg**	**1.0**
Dibenz(a,h)anthracene	**61**	**7.6**	**ug/kg**	**1.5**
Dibenzofuran	**470**	**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-17322-101807-CB-088

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP1AG **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	**2400 E**	**7.6**	**ug/kg**	**1.4**
Fluorene	**1000**	**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	**250**	**7.6**	**ug/kg**	**1.7**
Isophorone	ND	57	ug/kg	24
2-Methylnaphthalene	**33**	**7.6**	**ug/kg**	**1.7**
2-Methylphenol	ND	230	ug/kg	32
4-Methylphenol	ND	230	ug/kg	25
Naphthalene	**280**	**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	**4400 E**	**7.6**	**ug/kg**	**2.3**
Phenol	ND	57	ug/kg	28
Pyrene	**2100 E**	**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-17322-101807-CB-088

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	46	(24 - 112)
2-Fluorobiphenyl	63	(34 - 110)
Terphenyl-d14	60	(41 - 119)
Phenol-d5	56	(28 - 110)
2-Fluorophenol	58	(26 - 110)
2,4,6-Tribromophenol	68	(10 - 118)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-088

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP2AG **Matrix.....:** SO
Date Sampled...: 10/18/07 11:30 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/24/07
Prep Batch #...: 7292538
Dilution Factor: 10
% Moisture.....: 12 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	1100	ug/kg	300
Pyridine	ND	1100	ug/kg	190
Acenaphthene	**820**	**76**	**ug/kg**	**15**
Acenaphthylene	ND	76	ug/kg	14
Acetophenone	ND	1100	ug/kg	300
Anthracene	ND	76	ug/kg	15
Atrazine	ND	2300	ug/kg	240
Benzo(a)anthracene	**800**	**76**	**ug/kg**	**11**
Benzo(a)pyrene	**560**	**76**	**ug/kg**	**15**
Benzo(b)fluoranthene	**770**	**76**	**ug/kg**	**14**
Benzo(ghi)perylene	**310**	**76**	**ug/kg**	**15**
Benzo(k)fluoranthene	**390**	**76**	**ug/kg**	**19**
Benzaldehyde	ND	1100	ug/kg	240
1,1'-Biphenyl	ND	570	ug/kg	260
bis(2-Chloroethoxy) methane	ND	1100	ug/kg	250
bis(2-Chloroethyl)-ether	ND	1100	ug/kg	23
bis(2-Ethylhexyl) phthalate	ND	570	ug/kg	200
4-Bromophenyl phenyl ether	ND	570	ug/kg	240
Butyl benzyl phthalate	ND	570	ug/kg	220
Caprolactam	ND	3700	ug/kg	420
Carbazole	ND	570	ug/kg	220
4-Chloroaniline	ND	1700	ug/kg	190
4-Chloro-3-methylphenol	ND	1700	ug/kg	240
2-Chloronaphthalene	ND	570	ug/kg	250
2-Chlorophenol	ND	570	ug/kg	300
4-Chlorophenyl phenyl ether	ND	570	ug/kg	270
Chrysene	**1100**	**76**	**ug/kg**	**10**
Dibenz(a,h)anthracene	ND	76	ug/kg	15
Dibenzofuran	**540 J**	**570**	**ug/kg**	**230**
3,3'-Dichlorobenzidine	ND	1100	ug/kg	200
2,4-Dichlorophenol	ND	1700	ug/kg	230
Diethyl phthalate	ND	570	ug/kg	220

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-088

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP2AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	1700	ug/kg	230
Dimethyl phthalate	ND	570	ug/kg	240
Di-n-butyl phthalate	ND	570	ug/kg	220
4,6-Dinitro-2-methylphenol	ND	1700	ug/kg	150
2,4-Dinitrophenol	ND	3700	ug/kg	940
2,4-Dinitrotoluene	ND	2300	ug/kg	200
2,6-Dinitrotoluene	ND	2300	ug/kg	240
Di-n-octyl phthalate	ND	570	ug/kg	200
Fluoranthene	**3800**	**76**	**ug/kg**	**14**
Fluorene	**1100**	**76**	**ug/kg**	**14**
Hexachlorobenzene	ND	76	ug/kg	24
Hexachlorobutadiene	ND	570	ug/kg	300
Hexachlorocyclopentadiene	ND	3700	ug/kg	180
Hexachloroethane	ND	570	ug/kg	320
Indeno(1,2,3-cd)pyrene	**250**	**76**	**ug/kg**	**17**
Isophorone	ND	570	ug/kg	240
2-Methylnaphthalene	ND	76	ug/kg	17
2-Methylphenol	ND	2300	ug/kg	320
4-Methylphenol	ND	2300	ug/kg	250
Naphthalene	**300**	**76**	**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	1100	ug/kg	25
2-Nitrophenol	ND	570	ug/kg	220
4-Nitrophenol	ND	3700	ug/kg	1200
N-Nitrosodi-n-propylamine	ND	570	ug/kg	260
N-Nitrosodiphenylamine	ND	570	ug/kg	240
Pentachlorophenol	ND	1700	ug/kg	930
Phenanthrene	**4400**	**76**	**ug/kg**	**23**
Phenol	ND	570	ug/kg	280
Pyrene	**2800**	**76**	**ug/kg**	**12**
2,4,5-Trichlorophenol	ND	1700	ug/kg	280
2,4,6-Trichlorophenol	ND	1700	ug/kg	240

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-088

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP2AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	43 DIL	(24 - 112)
2-Fluorobiphenyl	67 DIL	(34 - 110)
Terphenyl-d14	79 DIL	(41 - 119)
Phenol-d5	58 DIL	(28 - 110)
2-Fluorophenol	53 DIL	(26 - 110)
2,4,6-Tribromophenol	44 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-17322-101807-CB-086

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ1AG **Matrix.....:** SO
Date Sampled...: 10/18/07 08:30 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 5
% Moisture.....: 5.7 **Method.....:** SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,2'-oxybis(1-Chloro-propane)	ND	530	ug/kg	140
Pyridine	ND	530	ug/kg	90
Acenaphthene	ND	35	ug/kg	6.9
Acenaphthylene	ND	35	ug/kg	6.4
Acetophenone	ND	530	ug/kg	140
Anthracene	ND	35	ug/kg	6.9
Atrazine	ND	1100	ug/kg	110
Benzo(a)anthracene	ND	35	ug/kg	5.0
Benzo(a)pyrene	ND	35	ug/kg	6.9
Benzo(b)fluoranthene	ND	35	ug/kg	6.4
Benzo(ghi)perylene	**59**	**35**	**ug/kg**	**6.9**
Benzo(k)fluoranthene	ND	35	ug/kg	9.0
Benzaldehyde	ND	530	ug/kg	110
1,1'-Biphenyl	ND	260	ug/kg	120
bis(2-Chloroethoxy) methane	ND	530	ug/kg	120
bis(2-Chloroethyl)-ether	ND	530	ug/kg	11
bis(2-Ethylhexyl) phthalate	ND	260	ug/kg	95
4-Bromophenyl phenyl ether	ND	260	ug/kg	110
Butyl benzyl phthalate	ND	260	ug/kg	100
Caprolactam	ND	1700	ug/kg	200
Carbazole	ND	260	ug/kg	100
4-Chloroaniline	ND	790	ug/kg	90
4-Chloro-3-methylphenol	ND	790	ug/kg	110
2-Chloronaphthalene	ND	260	ug/kg	120
2-Chlorophenol	ND	260	ug/kg	140
4-Chlorophenyl phenyl ether	ND	260	ug/kg	130
Chrysene	ND	35	ug/kg	4.8
Dibenz(a,h)anthracene	ND	35	ug/kg	6.9
Dibenzofuran	ND	260	ug/kg	110
3,3'-Dichlorobenzidine	ND	530	ug/kg	95
2,4-Dichlorophenol	ND	790	ug/kg	110
Diethyl phthalate	ND	260	ug/kg	100

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-086

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	790	ug/kg	110
Dimethyl phthalate	ND	260	ug/kg	110
Di-n-butyl phthalate	ND	260	ug/kg	100
4,6-Dinitro-2-methylphenol	ND	790	ug/kg	69
2,4-Dinitrophenol	ND	1700	ug/kg	440
2,4-Dinitrotoluene	ND	1100	ug/kg	95
2,6-Dinitrotoluene	ND	1100	ug/kg	110
Di-n-octyl phthalate	ND	260	ug/kg	95
Fluoranthene	**120**	**35**	**ug/kg**	**6.4**
Fluorene	ND	35	ug/kg	6.4
Hexachlorobenzene	ND	35	ug/kg	11
Hexachlorobutadiene	ND	260	ug/kg	140
Hexachlorocyclopentadiene	ND	1700	ug/kg	85
Hexachloroethane	ND	260	ug/kg	150
Indeno(1,2,3-cd)pyrene	ND	35	ug/kg	7.9
Isophorone	ND	260	ug/kg	110
2-Methylnaphthalene	**53**	**35**	**ug/kg**	**7.9**
2-Methylphenol	ND	1100	ug/kg	150
4-Methylphenol	ND	1100	ug/kg	120
Naphthalene	ND	35	ug/kg	8.5
2-Nitroaniline	ND	1100	ug/kg	120
3-Nitroaniline	ND	1100	ug/kg	85
4-Nitroaniline	ND	1100	ug/kg	140
Nitrobenzene	ND	530	ug/kg	12
2-Nitrophenol	ND	260	ug/kg	100
4-Nitrophenol	ND	1700	ug/kg	580
N-Nitrosodi-n-propylamine	ND	260	ug/kg	120
N-Nitrosodiphenylamine	ND	260	ug/kg	110
Pentachlorophenol	ND	790	ug/kg	430
Phenanthrene	**61**	**35**	**ug/kg**	**11**
Phenol	ND	260	ug/kg	130
Pyrene	**75**	**35**	**ug/kg**	**5.8**
2,4,5-Trichlorophenol	ND	790	ug/kg	130
2,4,6-Trichlorophenol	ND	790	ug/kg	110

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-086

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57 DIL	(24 - 112)
2-Fluorobiphenyl	69 DIL	(34 - 110)
Terphenyl-d14	77 DIL	(41 - 119)
Phenol-d5	62 DIL	(28 - 110)
2-Fluorophenol	66 DIL	(26 - 110)
2,4,6-Tribromophenol	51 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-17322-101807-CB-089

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR1AG **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 4
% Moisture.....: 6.4 **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	**29**	**29**	**ug/kg**	**5.1**
Acetophenone	ND	430	ug/kg	110
Anthracene	**61**	**29**	**ug/kg**	**5.6**
Atrazine	ND	850	ug/kg	90
Benzo(a)anthracene	**290**	**29**	**ug/kg**	**4.1**
Benzo(a)pyrene	**330**	**29**	**ug/kg**	**5.6**
Benzo(b)fluoranthene	**430**	**29**	**ug/kg**	**5.1**
Benzo(ghi)perylene	**250**	**29**	**ug/kg**	**5.6**
Benzo(k)fluoranthene	**220**	**29**	**ug/kg**	**7.3**
Benzaldehyde	ND	430	ug/kg	90
1,1'-Biphenyl	ND	210	ug/kg	98
bis(2-Chloroethoxy) methane	ND	430	ug/kg	94
bis(2-Chloroethyl)-ether	ND	430	ug/kg	8.5
bis(2-Ethylhexyl) phthalate	ND	210	ug/kg	77
4-Bromophenyl phenyl ether	ND	210	ug/kg	90
Butyl benzyl phthalate	ND	210	ug/kg	81
Caprolactam	ND	1400	ug/kg	160
Carbazole	ND	210	ug/kg	81
4-Chloroaniline	ND	640	ug/kg	73
4-Chloro-3-methylphenol	ND	640	ug/kg	90
2-Chloronaphthalene	ND	210	ug/kg	94
2-Chlorophenol	ND	210	ug/kg	110
4-Chlorophenyl phenyl ether	ND	210	ug/kg	100
Chrysene	**380**	**29**	**ug/kg**	**3.8**
Dibenz(a,h)anthracene	ND	29	ug/kg	5.6
Dibenzofuran	ND	210	ug/kg	85
3,3'-Dichlorobenzidine	ND	430	ug/kg	77
2,4-Dichlorophenol	ND	640	ug/kg	85
Diethyl phthalate	ND	210	ug/kg	81

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-089

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR1AG **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-Dimethylphenol	ND	640	ug/kg	85
Dimethyl phthalate	ND	210	ug/kg	90
Di-n-butyl phthalate	ND	210	ug/kg	81
4,6-Dinitro-2-methylphenol	ND	640	ug/kg	56
2,4-Dinitrophenol	ND	1400	ug/kg	350
2,4-Dinitrotoluene	ND	850	ug/kg	77
2,6-Dinitrotoluene	ND	850	ug/kg	90
Di-n-octyl phthalate	ND	210	ug/kg	77
Fluoranthene	**680**	**29**	**ug/kg**	**5.1**
Fluorene	ND	29	ug/kg	5.1
Hexachlorobenzene	ND	29	ug/kg	9.0
Hexachlorobutadiene	ND	210	ug/kg	110
Hexachlorocyclopenta-diene	ND	1400	ug/kg	68
Hexachloroethane	ND	210	ug/kg	120
Indeno(1,2,3-cd)pyrene	**200**	**29**	**ug/kg**	**6.4**
Isophorone	ND	210	ug/kg	90
2-Methylnaphthalene	**170**	**29**	**ug/kg**	**6.4**
2-Methylphenol	ND	850	ug/kg	120
4-Methylphenol	ND	850	ug/kg	94
Naphthalene	**74**	**29**	**ug/kg**	**6.8**
2-Nitroaniline	ND	850	ug/kg	94
3-Nitroaniline	ND	850	ug/kg	68
4-Nitroaniline	ND	850	ug/kg	110
Nitrobenzene	ND	430	ug/kg	9.4
2-Nitrophenol	ND	210	ug/kg	81
4-Nitrophenol	ND	1400	ug/kg	470
N-Nitrosodi-n-propyl-amine	ND	210	ug/kg	98
N-Nitrosodiphenylamine	ND	210	ug/kg	90
Pentachlorophenol	ND	640	ug/kg	350
Phenanthrene	**250**	**29**	**ug/kg**	**8.5**
Phenol	ND	210	ug/kg	110
Pyrene	**480**	**29**	**ug/kg**	**4.7**
2,4,5-Trichloro-phenol	ND	640	ug/kg	110
2,4,6-Trichloro-phenol	ND	640	ug/kg	90

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-089

GC/MS Semivolatiles

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR1AG **Matrix.....:** SO

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	35 DIL	(24 - 112)
2-Fluorobiphenyl	58 DIL	(34 - 110)
Terphenyl-d14	79 DIL	(41 - 119)
Phenol-d5	51 DIL	(28 - 110)
2-Fluorophenol	53 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-17322-101807-CB-085

GC Semivolatiles

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG1A7 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
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	85	(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-17322-101807-CB-088

GC Semivolatiles

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP1AJ **Matrix.....:** SO
Date Sampled...: 10/18/07 11:30 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
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	**10 J**	**37**	**ug/kg**	**10**
Aroclor 1260	ND	37	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(10 - 196)
Decachlorobiphenyl	83	(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-17322-101807-CB-086

GC Semivolatiles

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ1AJ **Matrix.....:** SO
Date Sampled...: 10/18/07 08:30 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
Dilution Factor: 1
% Moisture.....: 5.7 **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	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-17322-101807-CB-089

GC Semivolatiles

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR1AJ **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
Dilution Factor: 1
% Moisture.....: 6.4 **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	9.4
Aroclor 1260	**38**	**35**	**ug/kg**	**10**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	100	(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-17322-101807-CB-085

TOTAL Metals

Lot-Sample #...: A7J190177-001 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07
% Moisture.....: 16

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7295023						
Trivalent Chromium	**16.6**	**0.48**	**mg/kg**	**SW846 7196A**	**10/22/07**	**J9DWG1A9**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7295024						
Silver	**0.13**	**0.095**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DWG1A2**
		Dilution Factor: 1		MDL.....: 0.019		
Aluminum	**6320**	**19.0**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AE**
		Dilution Factor: 1		MDL.....: 11.4		
Arsenic	**6.9**	**0.095**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DWG1A0**
		Dilution Factor: 1		MDL.....: 0.074		
Barium	**84.6 J**	**0.95**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AF**
		Dilution Factor: 1		MDL.....: 0.085		
Beryllium	**0.10 B**	**0.19**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AG**
		Dilution Factor: 1		MDL.....: 0.051		
Calcium	**39200 J**	**476**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AJ**
		Dilution Factor: 1		MDL.....: 19.0		
Cadmium	**1.5**	**0.095**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AH**
		Dilution Factor: 1		MDL.....: 0.043		
Cobalt	**8.2**	**0.48**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AK**
		Dilution Factor: 1		MDL.....: 0.19		
Chromium	**18.3**	**0.48**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AV**
		Dilution Factor: 1		MDL.....: 0.24		
Copper	**67.1**	**0.95**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AL**
		Dilution Factor: 1		MDL.....: 0.88		
Iron	**38700**	**9.5**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AM**
		Dilution Factor: 1		MDL.....: 5.8		
Potassium	**1100 J**	**476**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AR**
		Dilution Factor: 1		MDL.....: 7.4		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-085

TOTAL Metals

Lot-Sample #...: A7J190177-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**11100**	**95.2**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AN**
		Dilution Factor: 1		MDL.....: 6.1		
Manganese	**469 J**	**0.95**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AP**
		Dilution Factor: 1		MDL.....: 0.088		
Sodium	**182**	**95.2**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AT**
		Dilution Factor: 1		MDL.....: 78.6		
Nickel	**20.0**	**0.95**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AQ**
		Dilution Factor: 1		MDL.....: 0.32		
Lead	**242**	**0.29**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AW**
		Dilution Factor: 1		MDL.....: 0.23		
Antimony	**1.5 J**	**0.19**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DWG1AX**
		Dilution Factor: 1		MDL.....: 0.029		
Selenium	**0.33**	**0.20**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DWG1A1**
		Dilution Factor: 1		MDL.....: 0.11		
Thallium	**0.22**	**0.095**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DWG1A3**
		Dilution Factor: 1		MDL.....: 0.0094		
Vanadium	**17.9**	**0.95**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DWG1AU**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**122**	**0.95**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DWG1A4**
		Dilution Factor: 1		MDL.....: 0.52		

Prep Batch #...: 7297025

Mercury	**0.44**	**0.048**	**mg/kg**	**SW846 7471A**	**10/24/07**	**J9DWG2AD**
		Dilution Factor: 1		MDL.....: 0.015		

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-17322-101807-CB-088

TOTAL Metals

Lot-Sample #...: A7J190177-002 **Matrix.....:** SO
Date Sampled...: 10/18/07 11:30 **Date Received..:** 10/19/07
% Moisture.....: 12

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7295023						
Trivalent Chromium	**12.1**	**0.45**	**mg/kg**	**SW846 7196A**	**10/22/07**	**J9DXP1AL**
		Dilution Factor: 1		MDL.....: 0.15		
Prep Batch #...: 7295024						
Silver	**0.13**	**0.091**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXP1AD**
		Dilution Factor: 1		MDL.....: 0.018		
Aluminum	**7040**	**18.2**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AQ**
		Dilution Factor: 1		MDL.....: 10.9		
Arsenic	**2.4**	**0.091**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXP1AA**
		Dilution Factor: 1		MDL.....: 0.070		
Barium	**48.5 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AR**
		Dilution Factor: 1		MDL.....: 0.081		
Beryllium	**0.16 B**	**0.18**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AT**
		Dilution Factor: 1		MDL.....: 0.049		
Calcium	**7770 J**	**454**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AV**
		Dilution Factor: 1		MDL.....: 18.2		
Cadmium	**0.19**	**0.091**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AU**
		Dilution Factor: 1		MDL.....: 0.041		
Cobalt	**7.3**	**0.45**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AW**
		Dilution Factor: 1		MDL.....: 0.18		
Chromium	**13.2**	**0.45**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A7**
		Dilution Factor: 1		MDL.....: 0.23		
Copper	**11.4**	**0.91**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1AX**
		Dilution Factor: 1		MDL.....: 0.84		
Iron	**13500**	**9.1**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A0**
		Dilution Factor: 1		MDL.....: 5.6		
Mercury	**0.053**	**0.045**	**mg/kg**	**SW846 7471A**	**10/22/07**	**J9DXP1AP**
		Dilution Factor: 1		MDL.....: 0.015		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-088

TOTAL Metals

Lot-Sample #...: A7J190177-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**954 J**	**454**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A4**
		Dilution Factor: 1		MDL.....: 7.0		
Magnesium	**2580**	**90.9**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A1**
		Dilution Factor: 1		MDL.....: 5.8		
Manganese	**585 J**	**0.91**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A2**
		Dilution Factor: 1		MDL.....: 0.084		
Sodium	**107**	**90.9**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A5**
		Dilution Factor: 1		MDL.....: 75.0		
Nickel	**13.1**	**0.91**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A3**
		Dilution Factor: 1		MDL.....: 0.31		
Lead	**9.8**	**0.27**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A8**
		Dilution Factor: 1		MDL.....: 0.22		
Antimony	**0.12 B,J**	**0.18**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXP1A9**
		Dilution Factor: 1		MDL.....: 0.027		
Selenium	**0.18 B**	**0.19**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXP1AC**
		Dilution Factor: 1		MDL.....: 0.10		
Thallium	**0.081 B**	**0.091**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXP1AE**
		Dilution Factor: 1		MDL.....: 0.0090		
Vanadium	**20.1**	**0.91**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXP1A6**
		Dilution Factor: 1		MDL.....: 0.14		
Zinc	**26.3**	**0.91**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXP1AF**
		Dilution Factor: 1		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-17322-101807-CB-086

TOTAL Metals

Lot-Sample #...: A7J190177-003 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:30 **Date Received..:** 10/19/07
% Moisture.....: 5.7

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7295023						
Trivalent Chromium	**21.8**	**0.42**	**mg/kg**	**SW846 7196A**	**10/22/07**	**J9DXQ1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7295024						
Silver	**0.15**	**0.085**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXQ1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**8190**	**17.0**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AQ**
		Dilution Factor: 1		MDL.....: 10.2		
Arsenic	**3.8**	**0.085**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXQ1AA**
		Dilution Factor: 1		MDL.....: 0.066		
Barium	**114 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AR**
		Dilution Factor: 1		MDL.....: 0.075		
Beryllium	**0.14 B**	**0.17**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AT**
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**27100 J**	**424**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AV**
		Dilution Factor: 1		MDL.....: 17.0		
Cadmium	**7.8**	**0.085**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AU**
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**7.2**	**0.42**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**22.9**	**0.42**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A7**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**113**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1AX**
		Dilution Factor: 1		MDL.....: 0.78		
Iron	**17100**	**8.5**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A0**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	**0.39**	**0.042**	**mg/kg**	**SW846 7471A**	**10/22/07**	**J9DXQ1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-086

TOTAL Metals

Lot-Sample #...: A7J190177-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1400 J**	**424**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A4**
		Dilution Factor: 1		MDL.....: 6.6		
Magnesium	**6070**	**84.8**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A1**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**317 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A2**
		Dilution Factor: 1		MDL.....: 0.078		
Sodium	**192**	**84.8**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A5**
		Dilution Factor: 1		MDL.....: 70.0		
Nickel	**28.8**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**446**	**0.25**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**2.5 J**	**0.17**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXQ1A9**
		Dilution Factor: 1		MDL.....: 0.025		
Selenium	**0.15 B**	**0.18**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXQ1AC**
		Dilution Factor: 1		MDL.....: 0.095		
Thallium	**0.17**	**0.085**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXQ1AE**
		Dilution Factor: 1		MDL.....: 0.0084		
Vanadium	**20.0**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXQ1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**79.0**	**0.85**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXQ1AF**
		Dilution Factor: 1		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-17322-101807-CB-089

TOTAL Metals

Lot-Sample #...: A7J190177-004 **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07
% Moisture.....: 6.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7295023						
Trivalent Chromium	**11.2**	**0.43**	**mg/kg**	**SW846 7196A**	**10/22/07**	**J9DXR1AL**
		Dilution Factor: 1		MDL.....: 0.14		
Prep Batch #...: 7295024						
Silver	**0.10**	**0.085**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXR1AD**
		Dilution Factor: 1		MDL.....: 0.017		
Aluminum	**6600**	**17.1**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AQ**
		Dilution Factor: 1		MDL.....: 10.3		
Arsenic	**4.6**	**0.085**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXR1AA**
		Dilution Factor: 1		MDL.....: 0.066		
Barium	**62.0 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AR**
		Dilution Factor: 1		MDL.....: 0.076		
Beryllium	**0.18**	**0.17**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AT**
		Dilution Factor: 1		MDL.....: 0.046		
Calcium	**40900 J**	**427**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AV**
		Dilution Factor: 1		MDL.....: 17.1		
Cadmium	**0.47**	**0.085**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AU**
		Dilution Factor: 1		MDL.....: 0.038		
Cobalt	**5.8**	**0.43**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AW**
		Dilution Factor: 1		MDL.....: 0.17		
Chromium	**14.6**	**0.43**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A7**
		Dilution Factor: 1		MDL.....: 0.21		
Copper	**25.7**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1AX**
		Dilution Factor: 1		MDL.....: 0.79		
Iron	**14200**	**8.5**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A0**
		Dilution Factor: 1		MDL.....: 5.2		
Mercury	**0.056**	**0.043**	**mg/kg**	**SW846 7471A**	**10/22/07**	**J9DXR1AP**
		Dilution Factor: 1		MDL.....: 0.014		

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Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-089

TOTAL Metals

Lot-Sample #...: A7J190177-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	**1060 J**	**427**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A4**
		Dilution Factor: 1		MDL.....: 6.6		
Magnesium	**10200**	**85.5**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A1**
		Dilution Factor: 1		MDL.....: 5.4		
Manganese	**392 J**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A2**
		Dilution Factor: 1		MDL.....: 0.079		
Sodium	**139**	**85.5**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A5**
		Dilution Factor: 1		MDL.....: 70.5		
Nickel	**15.2**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A3**
		Dilution Factor: 1		MDL.....: 0.29		
Lead	**71.8**	**0.26**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A8**
		Dilution Factor: 1		MDL.....: 0.20		
Antimony	**0.32 J**	**0.17**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXR1A9**
		Dilution Factor: 1		MDL.....: 0.026		
Selenium	**0.32**	**0.18**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXR1AC**
		Dilution Factor: 1		MDL.....: 0.096		
Thallium	**0.12**	**0.085**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXR1AE**
		Dilution Factor: 1		MDL.....: 0.0084		
Vanadium	**17.3**	**0.85**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9DXR1A6**
		Dilution Factor: 1		MDL.....: 0.13		
Zinc	**81.6**	**0.85**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9DXR1AF**
		Dilution Factor: 1		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.

Conestoga-Rovers & Associates, Inc.

Client Sample ID: SO-17322-101807-CB-085

General Chemistry

Lot-Sample #...: A7J190177-001 **Work Order #...:** J9DWG **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07
% Moisture.....: 16

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.24	mg/kg	SW846 9012A	10/22/07	7295502
		Dilution Factor: 1		MDL.....: 0.12		
Hexavalent Chromium	**1.7 J**	**0.95**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.25		
Percent Solids	**84.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292448**
		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-17322-101807-CB-088

General Chemistry

Lot-Sample #...: A7J190177-002 **Work Order #...:** J9DXP **Matrix.....:** SO
Date Sampled...: 10/18/07 11:30 **Date Received..:** 10/19/07
% Moisture.....: 12

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.23	mg/kg	SW846 9012A	10/22/07	7295502
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.1 J**	**0.91**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.24		
Percent Solids	**88.0**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292448**
		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-17322-101807-CB-086

General Chemistry

Lot-Sample #...: A7J190177-003 **Work Order #...:** J9DXQ **Matrix.....:** SO
Date Sampled...: 10/18/07 08:30 **Date Received..:** 10/19/07
% Moisture.....: 5.7

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	10/22/07	7295502
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**1.2 J**	**0.85**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**94.3**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292448**
		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-17322-101807-CB-089

General Chemistry

Lot-Sample #...: A7J190177-004 **Work Order #...:** J9DXR **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07
% Moisture.....: 6.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total	ND	0.21	mg/kg	SW846 9012A	10/22/07	7295502
		Dilution Factor: 1		MDL.....: 0.11		
Hexavalent Chromium	**3.4 J**	**0.85**	**mg/kg**	**SW846 7196A**	**10/22-10/23/07**	**7295354**
		Dilution Factor: 1		MDL.....: 0.22		
Percent Solids	**93.6**	**10.0**	**%**	**MCAWW 160.3 MOD**	**10/19-10/20/07**	**7292448**
		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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **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 #...: A7J190177 **Work Order #...:** J9F4W1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J190000-538

Prep Date.....: 10/20/07
Analysis Date..: 10/23/07 **Prep Batch #...:** 7292538
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 #...: A7J190177 **Work Order #...:** J9F4W1AA **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	67	(24 - 112)
2-Fluorobiphenyl	68	(34 - 110)
Terphenyl-d14	88	(41 - 119)
Phenol-d5	67	(28 - 110)
2-Fluorophenol	69	(26 - 110)
2,4,6-Tribromophenol	37	(10 - 118)

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J9F4W1AA **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 #...: A7J190177 **Work Order #...:** J9F4W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-538
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
bis(2-Chloroisopropyl) ether	670	330	ug/kg	49	SW846 8270C
Pyridine	670	260	ug/kg	39	SW846 8270C
Acenaphthene	**670**	**380**	**ug/kg**	**57**	**SW846 8270C**
Acenaphthylene	670	410	ug/kg	62	SW846 8270C
Acetophenone	670	360	ug/kg	54	SW846 8270C
Anthracene	670	450	ug/kg	67	SW846 8270C
Atrazine	670	620	ug/kg	93	SW846 8270C
Benzo(a)anthracene	670	460	ug/kg	69	SW846 8270C
Benzo(a)pyrene	670	490	ug/kg	73	SW846 8270C
Benzo(b)fluoranthene	670	450	ug/kg	68	SW846 8270C
Benzo(ghi)perylene	670	490	ug/kg	74	SW846 8270C
Benzo(k)fluoranthene	670	500	ug/kg	75	SW846 8270C
Benzaldehyde	670	390	ug/kg	58	SW846 8270C
1,1'-Biphenyl	670	400	ug/kg	60	SW846 8270C
bis(2-Chloroethoxy) methane	670	390	ug/kg	58	SW846 8270C
bis(2-Chloroethyl)- ether	670	420	ug/kg	62	SW846 8270C
bis(2-Ethylhexyl) phthalate	670	510	ug/kg	76	SW846 8270C
4-Bromophenyl phenyl ether	670	460	ug/kg	69	SW846 8270C
Butyl benzyl phthalate	670	500	ug/kg	75	SW846 8270C
Caprolactam	670	470	ug/kg	71	SW846 8270C
Carbazole	670	450	ug/kg	68	SW846 8270C
4-Chloroaniline	670	220	ug/kg	33	SW846 8270C
4-Chloro-3-methylphenol	**670**	**380**	**ug/kg**	**57**	**SW846 8270C**
2-Chloronaphthalene	670	410	ug/kg	61	SW846 8270C
2-Chlorophenol	**670**	**360**	**ug/kg**	**53**	**SW846 8270C**
4-Chlorophenyl phenyl ether	670	460	ug/kg	68	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 #...: A7J190177 **Work Order #...:** J9F4W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-538

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dibenzofuran	670	420	ug/kg	62	SW846 8270C
3,3'-Dichlorobenzidine	670	240	ug/kg	37	SW846 8270C
2,4-Dichlorophenol	670	380	ug/kg	57	SW846 8270C
Diethyl phthalate	670	470	ug/kg	71	SW846 8270C
2,4-Dimethylphenol	670	310	ug/kg	47	SW846 8270C
Dimethyl phthalate	670	460	ug/kg	68	SW846 8270C
Di-n-butyl phthalate	670	530	ug/kg	79	SW846 8270C
4,6-Dinitro-2-methylphenol	670	300	ug/kg	44	SW846 8270C
2,4-Dinitrophenol	670	140	ug/kg	21	SW846 8270C
2,4-Dinitrotoluene	**670**	**510**	**ug/kg**	**77**	**SW846 8270C**
2,6-Dinitrotoluene	670	490	ug/kg	73	SW846 8270C
Di-n-octyl phthalate	670	520	ug/kg	77	SW846 8270C
Fluoranthene	670	500	ug/kg	75	SW846 8270C
Fluorene	670	400	ug/kg	61	SW846 8270C
Hexachlorobenzene	670	450	ug/kg	67	SW846 8270C
Hexachlorobutadiene	670	400	ug/kg	60	SW846 8270C
Hexachlorocyclopenta-diene	670	110	ug/kg	17	SW846 8270C
Hexachloroethane	670	360	ug/kg	53	SW846 8270C
Indeno(1,2,3-cd)pyrene	670	490	ug/kg	74	SW846 8270C
Isophorone	670	410	ug/kg	61	SW846 8270C
2-Methylnaphthalene	670	400	ug/kg	59	SW846 8270C
2-Methylphenol	670	370	ug/kg	56	SW846 8270C
4-Methylphenol	1300	730	ug/kg	54	SW846 8270C
Naphthalene	670	360	ug/kg	54	SW846 8270C
2-Nitroaniline	670	440	ug/kg	66	SW846 8270C
3-Nitroaniline	670	380	ug/kg	57	SW846 8270C
4-Nitroaniline	670	470	ug/kg	71	SW846 8270C
Nitrobenzene	670	380	ug/kg	57	SW846 8270C
2-Nitrophenol	670	370	ug/kg	56	SW846 8270C
4-Nitrophenol	**670**	**350**	**ug/kg**	**53**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**670**	**340**	**ug/kg**	**51**	**SW846 8270C**
N-Nitrosodiphenylamine	670	440	ug/kg	65	SW846 8270C
Pentachlorophenol	**670**	**170**	**ug/kg**	**26**	**SW846 8270C**
Phenanthrene	670	430	ug/kg	65	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J9F4W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-538

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Phenol	**670**	**360**	**ug/kg**	**53**	**SW846 8270C**
Pyrene	**670**	**490**	**ug/kg**	**73**	**SW846 8270C**
2,4,5-Trichloro-phenol	670	370	ug/kg	56	SW846 8270C
2,4,6-Trichloro-phenol	670	340	ug/kg	51	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	79	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	58	(26 - 110)
2,4,6-Tribromophenol	52	(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 #...: A7J190177 **Work Order #...:** J9F4W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-538
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
bis(2-Chloroisopropyl) ether	49	(36 - 116)	SW846 8270C
Pyridine	39	(22 - 110)	SW846 8270C
Acenaphthene	**57**	**(46 - 110)**	**SW846 8270C**
Acenaphthylene	62	(47 - 110)	SW846 8270C
Acetophenone	54	(50 - 130)	SW846 8270C
Anthracene	67	(56 - 111)	SW846 8270C
Atrazine	93	(50 - 130)	SW846 8270C
Benzo(a)anthracene	69	(58 - 111)	SW846 8270C
Benzo(a)pyrene	73	(44 - 115)	SW846 8270C
Benzo(b)fluoranthene	68	(43 - 124)	SW846 8270C
Benzo(ghi)perylene	74	(44 - 120)	SW846 8270C
Benzo(k)fluoranthene	75	(38 - 122)	SW846 8270C
Benzaldehyde	58	(10 - 130)	SW846 8270C
1,1'-Biphenyl	60	(50 - 130)	SW846 8270C
bis(2-Chloroethoxy) methane	58	(42 - 110)	SW846 8270C
bis(2-Chloroethyl)- ether	62	(41 - 110)	SW846 8270C
bis(2-Ethylhexyl) phthalate	76	(56 - 123)	SW846 8270C
4-Bromophenyl phenyl ether	69	(53 - 112)	SW846 8270C
Butyl benzyl phthalate	75	(57 - 121)	SW846 8270C
Caprolactam	71	(50 - 130)	SW846 8270C
Carbazole	68	(56 - 115)	SW846 8270C
4-Chloroaniline	33	(25 - 110)	SW846 8270C
4-Chloro-3-methylphenol	**57**	**(42 - 110)**	**SW846 8270C**
2-Chloronaphthalene	61	(46 - 110)	SW846 8270C
2-Chlorophenol	**53**	**(39 - 110)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	68	(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 #...: A7J190177 **Work Order #...:** J9F4W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-538

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dibenzofuran	62	(50 - 110)	SW846 8270C
3,3'-Dichlorobenzidine	37	(31 - 110)	SW846 8270C
2,4-Dichlorophenol	57	(40 - 110)	SW846 8270C
Diethyl phthalate	71	(55 - 114)	SW846 8270C
2,4-Dimethylphenol	47	(28 - 110)	SW846 8270C
Dimethyl phthalate	68	(54 - 112)	SW846 8270C
Di-n-butyl phthalate	79	(57 - 119)	SW846 8270C
4,6-Dinitro-2-methylphenol	44	(21 - 110)	SW846 8270C
2,4-Dinitrophenol	21	(10 - 110)	SW846 8270C
2,4-Dinitrotoluene	**77**	**(55 - 116)**	**SW846 8270C**
2,6-Dinitrotoluene	73	(54 - 115)	SW846 8270C
Di-n-octyl phthalate	77	(45 - 123)	SW846 8270C
Fluoranthene	75	(55 - 118)	SW846 8270C
Fluorene	61	(51 - 110)	SW846 8270C
Hexachlorobenzene	67	(51 - 110)	SW846 8270C
Hexachlorobutadiene	60	(39 - 110)	SW846 8270C
Hexachlorocyclopentadiene	17	(10 - 110)	SW846 8270C
Hexachloroethane	53	(38 - 110)	SW846 8270C
Indeno(1,2,3-cd)pyrene	74	(45 - 121)	SW846 8270C
Isophorone	61	(46 - 117)	SW846 8270C
2-Methylnaphthalene	59	(46 - 110)	SW846 8270C
2-Methylphenol	56	(36 - 110)	SW846 8270C
4-Methylphenol	54	(40 - 110)	SW846 8270C
Naphthalene	54	(42 - 110)	SW846 8270C
2-Nitroaniline	66	(47 - 124)	SW846 8270C
3-Nitroaniline	57	(44 - 110)	SW846 8270C
4-Nitroaniline	71	(50 - 110)	SW846 8270C
Nitrobenzene	57	(40 - 110)	SW846 8270C
2-Nitrophenol	56	(35 - 110)	SW846 8270C
4-Nitrophenol	**53**	**(24 - 117)**	**SW846 8270C**
N-Nitrosodi-n-propylamine	**51**	**(40 - 114)**	**SW846 8270C**
N-Nitrosodiphenylamine	65	(54 - 112)	SW846 8270C
Pentachlorophenol	**26**	**(10 - 110)**	**SW846 8270C**
Phenanthrene	65	(54 - 110)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J9F4W1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-538

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Phenol	**53**	**(39 - 110)**	**SW846 8270C**
Pyrene	**73**	**(58 - 113)**	**SW846 8270C**
2,4,5-Trichloro-phenol	56	(42 - 110)	SW846 8270C
2,4,6-Trichloro-phenol	51	(37 - 110)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	57	(24 - 112)
2-Fluorobiphenyl	60	(34 - 110)
Terphenyl-d14	79	(41 - 119)
Phenol-d5	55	(28 - 110)
2-Fluorophenol	58	(26 - 110)
2,4,6-Tribromophenol	52	(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 #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD
Date Sampled...: 10/16/07 15:16 **Date Received..:** 10/17/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	760	360	ug/kg	47		SW846 8270C
	ND	760	280	ug/kg	37	23	SW846 8270C
Pyridine	ND	760	320	ug/kg	42		SW846 8270C
	ND	760	260	ug/kg	34	21	SW846 8270C
Acenaphthene	**ND**	**760**	**480**	**ug/kg**	**63**		**SW846 8270C**
	ND	**760**	**470**	**ug/kg**	**61**	**3.3**	**SW846 8270C**
Acenaphthylene	ND	760	530	ug/kg	70		SW846 8270C
	ND	760	500	ug/kg	65	6.7	SW846 8270C
Acetophenone	ND	760	440	ug/kg	58		SW846 8270C
	ND	760	340	ug/kg	44 a	27	SW846 8270C
Anthracene	90	760	640	ug/kg	72		SW846 8270C
	90	760	640	ug/kg	72	0.73	SW846 8270C
Atrazine	ND	760	740	ug/kg	96		SW846 8270C
	ND	760	740	ug/kg	97	0.33	SW846 8270C
Benzo(a)anthracene	190	760	590	ug/kg	53		SW846 8270C
	190	760	690	ug/kg	67	16	SW846 8270C
Benzo(a)pyrene	510	760	760	ug/kg	33		SW846 8270C
	510	760	900	ug/kg	51	17	SW846 8270C
Benzo(b)fluoranthene	830	760	910	ug/kg	10		SW846 8270C
	830	760	1100	ug/kg	38	21	SW846 8270C
Benzo(ghi)perylene	730	760	800	ug/kg	8.2 a		SW846 8270C
	730	760	980	ug/kg	32	20	SW846 8270C
Benzo(k)fluoranthene	270	760	650	ug/kg	49		SW846 8270C
	270	760	830	ug/kg	73	25	SW846 8270C
Benzaldehyde	ND	760	390	ug/kg	51		SW846 8270C
	ND	760	290	ug/kg	38	29	SW846 8270C
1,1'-Biphenyl	ND	760	510	ug/kg	66		SW846 8270C
	ND	760	450	ug/kg	59	12	SW846 8270C
bis(2-Chloroethoxy) methane	ND	760	470	ug/kg	61		SW846 8270C
	ND	760	370	ug/kg	49	23	SW846 8270C
bis(2-Chloroethyl)-ether	ND	760	550	ug/kg	73		SW846 8270C
	ND	760	440	ug/kg	58	22	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	35	760	600	ug/kg	73		SW846 8270C
	35	760	590	ug/kg	73	0.79	SW846 8270C
4-Bromophenyl phenyl ether	ND	760	600	ug/kg	79		SW846 8270C
	ND	760	560	ug/kg	74	6.5	SW846 8270C
Butyl benzyl phthalate	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	570	ug/kg	75	0.77	SW846 8270C
Caprolactam	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	590	ug/kg	77	0.87	SW846 8270C
Carbazole	32	760	600	ug/kg	74		SW846 8270C
	32	760	570	ug/kg	71	4.2	SW846 8270C
4-Chloroaniline	ND	760	370	ug/kg	48		SW846 8270C
	ND	760	360	ug/kg	47	3.0	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**760**	**510**	**ug/kg**	**67**		**SW846 8270C**
	ND	**760**	**520**	**ug/kg**	**69**	**2.8**	**SW846 8270C**
2-Chloronaphthalene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	460	ug/kg	61	11	SW846 8270C
2-Chlorophenol	**ND**	**760**	**480**	**ug/kg**	**63**		**SW846 8270C**
	ND	**760**	**400**	**ug/kg**	**53**	**18**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	760	580	ug/kg	76		SW846 8270C
	ND	760	570	ug/kg	75	1.8	SW846 8270C
Chrysene	340	760	700	ug/kg	47		SW846 8270C
	340	760	760	ug/kg	55	8.2	SW846 8270C
Dibenz(a,h)anthracene	170	760	590	ug/kg	56		SW846 8270C
	170	760	640	ug/kg	62	7.9	SW846 8270C
Dibenzofuran	ND	760	530	ug/kg	69		SW846 8270C
	ND	760	520	ug/kg	68	0.87	SW846 8270C
3,3'-Dichlorobenzidine	ND	760	250	ug/kg	33		SW846 8270C
	ND	760	190	ug/kg	25	29	SW846 8270C
2,4-Dichlorophenol	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	500	ug/kg	65	4.1	SW846 8270C
Diethyl phthalate	ND	760	550	ug/kg	72		SW846 8270C
	ND	760	550	ug/kg	72	1.0	SW846 8270C
2,4-Dimethylphenol	ND	760	390	ug/kg	51		SW846 8270C
	ND	760	310	ug/kg	40	23	SW846 8270C
Dimethyl phthalate	ND	760	560	ug/kg	73		SW846 8270C
	ND	760	530	ug/kg	70	3.9	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	760	640	ug/kg	84		SW846 8270C
	ND	760	620	ug/kg	82	2.3	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	760	0.0	ug/kg	0.0 a		SW846 8270C
	ND	760	42	ug/kg	5.5	200	SW846 8270C
	Qualifiers: a,p						
2,4-Dinitrophenol	ND	760		ug/kg	6.7 a		SW846 8270C
	ND	760		ug/kg	6.7 a	1.1	SW846 8270C
2,4-Dinitrotoluene	**ND**	**760**	**580**	**ug/kg**	**76**		**SW846 8270C**
	ND	**760**	**570**	**ug/kg**	**75**	**1.2**	**SW846 8270C**
2,6-Dinitrotoluene	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	580	ug/kg	77	1.2	SW846 8270C
Di-n-octyl phthalate	ND	760	630	ug/kg	83		SW846 8270C
	ND	760	640	ug/kg	84	1.6	SW846 8270C
Fluoranthene	320	760	760	ug/kg	57		SW846 8270C
	320	760	880	ug/kg	74	16	SW846 8270C
Fluorene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	510	ug/kg	67	0.60	SW846 8270C
Hexachlorobenzene	ND	760	590	ug/kg	77		SW846 8270C
	ND	760	560	ug/kg	73	5.8	SW846 8270C
Hexachlorobutadiene	ND	760	510	ug/kg	67		SW846 8270C
	ND	760	430	ug/kg	56	18	SW846 8270C
Hexachlorocyclopenta-diene	ND	760	0.0	ug/kg	0.0 a		SW846 8270C
	ND	760	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachloroethane	ND	760	370	ug/kg	48		SW846 8270C
	ND	760	290	ug/kg	38	24	SW846 8270C
Indeno(1,2,3-cd)pyrene	540	760	750	ug/kg	28		SW846 8270C
	540	760	890	ug/kg	46	17	SW846 8270C
Isophorone	ND	760	440	ug/kg	58		SW846 8270C
	ND	760	380	ug/kg	50	16	SW846 8270C
2-Methylnaphthalene	ND	760	520	ug/kg	68		SW846 8270C
	ND	760	460	ug/kg	60	13	SW846 8270C
2-Methylphenol	ND	760	410	ug/kg	54		SW846 8270C
	ND	760	390	ug/kg	51	6.2	SW846 8270C
4-Methylphenol	ND	1500	880	ug/kg	58		SW846 8270C
	ND	1500	590	ug/kg	39 p	39	SW846 8270C
Naphthalene	ND	760	480	ug/kg	63		SW846 8270C
	ND	760	410	ug/kg	53	16	SW846 8270C
2-Nitroaniline	ND	760	570	ug/kg	75		SW846 8270C
	ND	760	560	ug/kg	74	1.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	760	530	ug/kg	69		SW846 8270C
	ND	760	540	ug/kg	71	1.4	SW846 8270C
4-Nitroaniline	ND	760	540	ug/kg	71		SW846 8270C
	ND	760	570	ug/kg	75	4.5	SW846 8270C
Nitrobenzene	ND	760	450	ug/kg	59		SW846 8270C
	ND	760	350	ug/kg	46	25	SW846 8270C
2-Nitrophenol	ND	760	430	ug/kg	57		SW846 8270C
	ND	760	350	ug/kg	46	22	SW846 8270C
4-Nitrophenol	**ND**	**760**	**470**	**ug/kg**	**61**		**SW846 8270C**
	ND	**760**	**460**	**ug/kg**	**60**	**1.5**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**760**	**390**	**ug/kg**	**51**		**SW846 8270C**
	ND	**760**	**300**	**ug/kg**	**40**	**25**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	760	560	ug/kg	74		SW846 8270C
	ND	760	540	ug/kg	71	3.9	SW846 8270C
Pentachlorophenol	**ND**	**760**	**110**	**ug/kg**	**15**		**SW846 8270C**
	ND	**760**	**130**	**ug/kg**	**17**	**12**	**SW846 8270C**
Phenanthrene	160	760	600	ug/kg	57		SW846 8270C
	160	760	670	ug/kg	66	11	SW846 8270C
Phenol	**ND**	**760**	**450**	**ug/kg**	**60**		**SW846 8270C**
	ND	**760**	**380**	**ug/kg**	**49**	**19**	**SW846 8270C**
Pyrene	**310**	**760**	**680**	**ug/kg**	**49**		**SW846 8270C**
	310	**760**	**820**	**ug/kg**	**68**	**19**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	760	590	ug/kg	78		SW846 8270C
	ND	760	530	ug/kg	69	11	SW846 8270C
2,4,6-Trichloro-phenol	ND	760	450	ug/kg	58		SW846 8270C
	ND	760	360	ug/kg	47	21	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(24 - 112)
	48	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	82	(41 - 119)
	75	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	65	(28 - 110)
	51	(28 - 110)
2-Fluorophenol	69	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	56	(10 - 118)
	43	(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 #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD
Date Sampled...: 10/16/07 15:16 **Date Received..:** 10/17/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 1 **% Moisture.....:** 13

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	47	(25 - 124)			SW846 8270C
	37	(25 - 124)	23	(0-30)	SW846 8270C
Pyridine	42	(10 - 110)			SW846 8270C
	34	(10 - 110)	21	(0-30)	SW846 8270C
Acenaphthene	**63**	**(10 - 200)**			**SW846 8270C**
	61	**(10 - 200)**	**3.3**	**(0-30)**	**SW846 8270C**
Acenaphthylene	70	(10 - 200)			SW846 8270C
	65	(10 - 200)	6.7	(0-30)	SW846 8270C
Acetophenone	58	(50 - 130)			SW846 8270C
	44 a	(50 - 130)	27	(0-30)	SW846 8270C
Anthracene	72	(10 - 200)			SW846 8270C
	72	(10 - 200)	0.73	(0-30)	SW846 8270C
Atrazine	96	(50 - 130)			SW846 8270C
	97	(50 - 130)	0.33	(0-30)	SW846 8270C
Benzo(a)anthracene	53	(10 - 200)			SW846 8270C
	67	(10 - 200)	16	(0-30)	SW846 8270C
Benzo(a)pyrene	33	(10 - 200)			SW846 8270C
	51	(10 - 200)	17	(0-30)	SW846 8270C
Benzo(b)fluoranthene	10	(10 - 200)			SW846 8270C
	38	(10 - 200)	21	(0-30)	SW846 8270C
Benzo(ghi)perylene	8.2 a	(10 - 200)			SW846 8270C
	32	(10 - 200)	20	(0-30)	SW846 8270C
Benzo(k)fluoranthene	49	(10 - 200)			SW846 8270C
	73	(10 - 200)	25	(0-30)	SW846 8270C
Benzaldehyde	51	(10 - 130)			SW846 8270C
	38	(10 - 130)	29	(0-30)	SW846 8270C
1,1'-Biphenyl	66	(50 - 130)			SW846 8270C
	59	(50 - 130)	12	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	61	(36 - 110)			SW846 8270C
	49	(36 - 110)	23	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	73	(32 - 118)			SW846 8270C
	58	(32 - 118)	22	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	73	(10 - 200)			SW846 8270C
	73	(10 - 200)	0.79	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	79	(44 - 120)			SW846 8270C
	74	(44 - 120)	6.5	(0-30)	SW846 8270C
Butyl benzyl phthalate	76	(43 - 138)			SW846 8270C
	75	(43 - 138)	0.77	(0-30)	SW846 8270C
Caprolactam	76	(50 - 130)			SW846 8270C
	77	(50 - 130)	0.87	(0-30)	SW846 8270C
Carbazole	74	(10 - 162)			SW846 8270C
	71	(10 - 162)	4.2	(0-30)	SW846 8270C
4-Chloroaniline	48	(11 - 110)			SW846 8270C
	47	(11 - 110)	3.0	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**67**	**(32 - 117)**			**SW846 8270C**
	69	**(32 - 117)**	**2.8**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	67	(40 - 110)			SW846 8270C
	61	(40 - 110)	11	(0-30)	SW846 8270C
2-Chlorophenol	**63**	**(32 - 110)**			**SW846 8270C**
	53	**(32 - 110)**	**18**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	76	(47 - 116)			SW846 8270C
	75	(47 - 116)	1.8	(0-30)	SW846 8270C
Chrysene	47	(10 - 200)			SW846 8270C
	55	(10 - 200)	8.2	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	56	(10 - 200)			SW846 8270C
	62	(10 - 200)	7.9	(0-30)	SW846 8270C
Dibenzofuran	69	(10 - 200)			SW846 8270C
	68	(10 - 200)	0.87	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	33	(10 - 110)			SW846 8270C
	25	(10 - 110)	29	(0-30)	SW846 8270C
2,4-Dichlorophenol	68	(33 - 110)			SW846 8270C
	65	(33 - 110)	4.1	(0-30)	SW846 8270C
Diethyl phthalate	72	(48 - 118)			SW846 8270C
	72	(48 - 118)	1.0	(0-30)	SW846 8270C
2,4-Dimethylphenol	51	(19 - 114)			SW846 8270C
	40	(19 - 114)	23	(0-30)	SW846 8270C
Dimethyl phthalate	73	(47 - 116)			SW846 8270C
	70	(47 - 116)	3.9	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	84	(31 - 145)			SW846 8270C
	82	(31 - 145)	2.3	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	0.0 a	(10 - 110)			SW846 8270C
	5.5 a,p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrophenol	6.7 a	(10 - 110)			SW846 8270C
	6.7 a	(10 - 110)	1.1	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**76**	**(42 - 118)**			**SW846 8270C**
	75	**(42 - 118)**	**1.2**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	78	(28 - 137)			SW846 8270C
	77	(28 - 137)	1.2	(0-30)	SW846 8270C
Di-n-octyl phthalate	83	(10 - 182)			SW846 8270C
	84	(10 - 182)	1.6	(0-30)	SW846 8270C
Fluoranthene	57	(10 - 200)			SW846 8270C
	74	(10 - 200)	16	(0-30)	SW846 8270C
Fluorene	67	(10 - 187)			SW846 8270C
	67	(10 - 187)	0.60	(0-30)	SW846 8270C
Hexachlorobenzene	77	(37 - 122)			SW846 8270C
	73	(37 - 122)	5.8	(0-30)	SW846 8270C
Hexachlorobutadiene	67	(30 - 110)			SW846 8270C
	56	(30 - 110)	18	(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	48	(13 - 110)			SW846 8270C
	38	(13 - 110)	24	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	28	(10 - 200)			SW846 8270C
	46	(10 - 200)	17	(0-30)	SW846 8270C
Isophorone	58	(32 - 129)			SW846 8270C
	50	(32 - 129)	16	(0-30)	SW846 8270C
2-Methylnaphthalene	68	(10 - 200)			SW846 8270C
	60	(10 - 200)	13	(0-30)	SW846 8270C
2-Methylphenol	54	(19 - 124)			SW846 8270C
	51	(19 - 124)	6.2	(0-30)	SW846 8270C
4-Methylphenol	58	(27 - 116)			SW846 8270C
	39 p	(27 - 116)	39	(0-30)	SW846 8270C
Naphthalene	63	(10 - 200)			SW846 8270C
	53	(10 - 200)	16	(0-30)	SW846 8270C
2-Nitroaniline	75	(31 - 141)			SW846 8270C
	74	(31 - 141)	1.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	69	(24 - 110)			SW846 8270C
	71	(24 - 110)	1.4	(0-30)	SW846 8270C
4-Nitroaniline	71	(23 - 124)			SW846 8270C
	75	(23 - 124)	4.5	(0-30)	SW846 8270C
Nitrobenzene	59	(33 - 111)			SW846 8270C
	46	(33 - 111)	25	(0-30)	SW846 8270C
2-Nitrophenol	57	(17 - 110)			SW846 8270C
	46	(17 - 110)	22	(0-30)	SW846 8270C
4-Nitrophenol	**61**	**(10 - 125)**			**SW846 8270C**
	60	**(10 - 125)**	**1.5**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**51**	**(30 - 121)**			**SW846 8270C**
	40	**(30 - 121)**	**25**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	74	(10 - 169)			SW846 8270C
	71	(10 - 169)	3.9	(0-30)	SW846 8270C
Pentachlorophenol	**15**	**(10 - 182)**			**SW846 8270C**
	17	**(10 - 182)**	**12**	**(0-30)**	**SW846 8270C**
Phenanthrene	57	(10 - 200)			SW846 8270C
	66	(10 - 200)	11	(0-30)	SW846 8270C
Phenol	**60**	**(10 - 144)**			**SW846 8270C**
	49	**(10 - 144)**	**19**	**(0-30)**	**SW846 8270C**
Pyrene	**49**	**(10 - 200)**			**SW846 8270C**
	68	**(10 - 200)**	**19**	**(0-30)**	**SW846 8270C**
2,4,5-Trichloro-phenol	78	(32 - 112)			SW846 8270C
	69	(32 - 112)	11	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	58	(22 - 110)			SW846 8270C
	47	(22 - 110)	21	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	61	(24 - 112)
	48	(24 - 112)
2-Fluorobiphenyl	66	(34 - 110)
	56	(34 - 110)
Terphenyl-d14	82	(41 - 119)
	75	(41 - 119)

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XG1AJ-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-017 J86XG1AK-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	65	(28 - 110)
	51	(28 - 110)
2-Fluorophenol	69	(26 - 110)
	52	(26 - 110)
2,4,6-Tribromophenol	56	(10 - 118)
	43	(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 #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD
Date Sampled...: 10/16/07 15:20 **Date Received..:** 10/17/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 1 **% Moisture.....:** 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Chloroisopropyl) ether	ND	830	300	ug/kg	37		SW846 8270C
	ND	830	490	ug/kg	60 p	47	SW846 8270C
Pyridine	ND	830	170	ug/kg	20		SW846 8270C
	ND	830	260	ug/kg	31 p	41	SW846 8270C
Acenaphthene	**160**	**830**	**1000**	**ug/kg**	**103**		**SW846 8270C**
	160	**830**	**1000**	**ug/kg**	**103**	**0.50**	**SW846 8270C**
Acenaphthylene	ND	830	520	ug/kg	63		SW846 8270C
	ND	830	560	ug/kg	67	5.9	SW846 8270C
Acetophenone	ND	830	360	ug/kg	44 a		SW846 8270C
	ND	830	530	ug/kg	64 p	38	SW846 8270C
Anthracene	76	830	750	ug/kg	81		SW846 8270C
	76	830	730	ug/kg	79	2.5	SW846 8270C
Atrazine	ND	830	740	ug/kg	89		SW846 8270C
	ND	830	670	ug/kg	80	11	SW846 8270C
Benzo(a)anthracene	79	830	730	ug/kg	78		SW846 8270C
	79	830	710	ug/kg	77	1.9	SW846 8270C
Benzo(a)pyrene	62	830	710	ug/kg	78		SW846 8270C
	62	830	680	ug/kg	75	3.6	SW846 8270C
Benzo(b)fluoranthene	100	830	790	ug/kg	83		SW846 8270C
	100	830	800	ug/kg	84	1.2	SW846 8270C
Benzo(ghi)perylene	35	830	610	ug/kg	69		SW846 8270C
	35	830	600	ug/kg	68	1.7	SW846 8270C
Benzo(k)fluoranthene	50	830	700	ug/kg	78		SW846 8270C
	50	830	600	ug/kg	66	15	SW846 8270C
Benzaldehyde	ND	830	380	ug/kg	46		SW846 8270C
	ND	830	490	ug/kg	59	25	SW846 8270C
1,1'-Biphenyl	ND	830	540	ug/kg	62		SW846 8270C
	ND	830	580	ug/kg	68	7.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	830	450	ug/kg	54		SW846 8270C
	ND	830	520	ug/kg	62	13	SW846 8270C
bis(2-Chloroethyl)-ether	ND	830	500	ug/kg	60		SW846 8270C
	ND	830	580	ug/kg	70	16	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
bis(2-Ethylhexyl) phthalate	ND	830	660	ug/kg	79		SW846 8270C
	ND	830	550	ug/kg	67	17	SW846 8270C
4-Bromophenyl phenyl ether	ND	830	620	ug/kg	74		SW846 8270C
	ND	830	550	ug/kg	67	11	SW846 8270C
Butyl benzyl phthalate	ND	830	620	ug/kg	75		SW846 8270C
	ND	830	540	ug/kg	65	14	SW846 8270C
Caprolactam	ND	830	700	ug/kg	84		SW846 8270C
	ND	830	690	ug/kg	83	1.8	SW846 8270C
Carbazole	ND	830	720	ug/kg	86		SW846 8270C
	ND	830	650	ug/kg	78	9.7	SW846 8270C
4-Chloroaniline	ND	830	440	ug/kg	53		SW846 8270C
	ND	830	370	ug/kg	45	18	SW846 8270C
4-Chloro-3-methylphenol	**ND**	**830**	**600**	**ug/kg**	**72**		**SW846 8270C**
	ND	**830**	**540**	**ug/kg**	**65**	**11**	**SW846 8270C**
2-Chloronaphthalene	ND	830	500	ug/kg	60		SW846 8270C
	ND	830	520	ug/kg	63	4.0	SW846 8270C
2-Chlorophenol	**ND**	**830**	**430**	**ug/kg**	**52**		**SW846 8270C**
	ND	**830**	**520**	**ug/kg**	**63**	**19**	**SW846 8270C**
4-Chlorophenyl phenyl ether	ND	830	640	ug/kg	76		SW846 8270C
	ND	830	560	ug/kg	68	12	SW846 8270C
Chrysene	120	830	760	ug/kg	77		SW846 8270C
	120	830	840	ug/kg	87	10	SW846 8270C
Dibenz(a,h)anthracene	ND	830	610	ug/kg	73		SW846 8270C
	ND	830	560	ug/kg	67	8.5	SW846 8270C
Dibenzofuran	210	830	1100	ug/kg	110		SW846 8270C
	210	830	1100	ug/kg	110	0.45	SW846 8270C
3,3'-Dichlorobenzidine	ND	830	290	ug/kg	35		SW846 8270C
	ND	830	160	ug/kg	19 p	59	SW846 8270C
2,4-Dichlorophenol	ND	830	560	ug/kg	68		SW846 8270C
	ND	830	540	ug/kg	65	4.3	SW846 8270C
Diethyl phthalate	ND	830	620	ug/kg	75		SW846 8270C
	ND	830	570	ug/kg	69	9.0	SW846 8270C
2,4-Dimethylphenol	ND	830	480	ug/kg	58		SW846 8270C
	ND	830	510	ug/kg	61	5.2	SW846 8270C
Dimethyl phthalate	ND	830	590	ug/kg	71		SW846 8270C
	ND	830	540	ug/kg	65	8.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Di-n-butyl phthalate	ND	830	690	ug/kg	82		SW846 8270C
	ND	830	630	ug/kg	77	7.7	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	830	0.0	ug/kg	0.0 a		SW846 8270C
	ND	830	430	ug/kg	52 p	200	SW846 8270C
2,4-Dinitrophenol	ND	830		ug/kg	6.9 a		SW846 8270C
	ND	830	380	ug/kg	46 p	148	SW846 8270C
2,4-Dinitrotoluene	**ND**	**830**	**620**	**ug/kg**	**75**		**SW846 8270C**
	ND	**830**	**520**	**ug/kg**	**63**	**18**	**SW846 8270C**
2,6-Dinitrotoluene	ND	830	620	ug/kg	74		SW846 8270C
	ND	830	510	ug/kg	62	19	SW846 8270C
Di-n-octyl phthalate	ND	830	720	ug/kg	87		SW846 8270C
	ND	830	620	ug/kg	75	15	SW846 8270C
Fluoranthene	370	830	1300	ug/kg	112		SW846 8270C
	370	830	1400	ug/kg	120	4.6	SW846 8270C
Fluorene	140	830	980	ug/kg	101		SW846 8270C
	140	830	970	ug/kg	99	1.4	SW846 8270C
Hexachlorobenzene	ND	830	640	ug/kg	77		SW846 8270C
	ND	830	540	ug/kg	65	17	SW846 8270C
Hexachlorobutadiene	ND	830	490	ug/kg	59		SW846 8270C
	ND	830	490	ug/kg	59	1.3	SW846 8270C
Hexachlorocyclopenta-diene	ND	830	0.0	ug/kg	0.0 a		SW846 8270C
	ND	830	0.0	ug/kg	0.0 a	0.0	SW846 8270C
Hexachloroethane	ND	830	270	ug/kg	32		SW846 8270C
	ND	830	360	ug/kg	44 p	31	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	830	620	ug/kg	75		SW846 8270C
	ND	830	620	ug/kg	74	1.4	SW846 8270C
Isophorone	ND	830	450	ug/kg	54		SW846 8270C
	ND	830	570	ug/kg	69	23	SW846 8270C
2-Methylnaphthalene	ND	830	560	ug/kg	68		SW846 8270C
	ND	830	620	ug/kg	75	9.5	SW846 8270C
2-Methylphenol	ND	830	400	ug/kg	48		SW846 8270C
	ND	830	540	ug/kg	65 p	31	SW846 8270C
4-Methylphenol	ND	1700	790	ug/kg	48		SW846 8270C
	ND	1700	1100	ug/kg	68 p	34	SW846 8270C
Naphthalene	150	830	1200	ug/kg	128		SW846 8270C
	150	830	930	ug/kg	94	26	SW846 8270C
2-Nitroaniline	ND	830	650	ug/kg	78		SW846 8270C
	ND	830	610	ug/kg	74	5.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
3-Nitroaniline	ND	830	610	ug/kg	74		SW846 8270C
	ND	830	510	ug/kg	62	18	SW846 8270C
4-Nitroaniline	ND	830	680	ug/kg	82		SW846 8270C
	ND	830	610	ug/kg	74	9.8	SW846 8270C
Nitrobenzene	ND	830	400	ug/kg	48		SW846 8270C
	ND	830	470	ug/kg	56	15	SW846 8270C
2-Nitrophenol	ND	830	320	ug/kg	39		SW846 8270C
	ND	830	390	ug/kg	47	18	SW846 8270C
4-Nitrophenol	**ND**	**830**	**490**	**ug/kg**	**59**		**SW846 8270C**
	ND	**830**	**550**	**ug/kg**	**67**	**11**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**ND**	**830**	**350**	**ug/kg**	**42**		**SW846 8270C**
	ND	**830**	**550**	**ug/kg**	**66 p**	**44**	**SW846 8270C**
N-Nitrosodiphenylamine	ND	830	620	ug/kg	74		SW846 8270C
	ND	830	550	ug/kg	67	11	SW846 8270C
Pentachlorophenol	**ND**	**830**	**190**	**ug/kg**	**23**		**SW846 8270C**
	ND	**830**	**280**	**ug/kg**	**34 p**	**41**	**SW846 8270C**
Phenanthrene	71	830	700	ug/kg	76		SW846 8270C
	71	830	750	ug/kg	82	6.4	SW846 8270C
Phenol	**ND**	**830**	**420**	**ug/kg**	**51**		**SW846 8270C**
	ND	**830**	**540**	**ug/kg**	**65**	**24**	**SW846 8270C**
Pyrene	**290**	**830**	**1100**	**ug/kg**	**99**		**SW846 8270C**
	290	**830**	**1100**	**ug/kg**	**100**	**0.42**	**SW846 8270C**
2,4,5-Trichloro-phenol	ND	830	630	ug/kg	76		SW846 8270C
	ND	830	500	ug/kg	60	23	SW846 8270C
2,4,6-Trichloro-phenol	ND	830	450	ug/kg	54		SW846 8270C
	ND	830	410	ug/kg	50	8.8	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(24 - 112)
	54	(24 - 112)
2-Fluorobiphenyl	56	(34 - 110)
	62	(34 - 110)
Terphenyl-d14	81	(41 - 119)
	74	(41 - 119)

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	55	(28 - 110)
	67	(28 - 110)
2-Fluorophenol	56	(26 - 110)
	63	(26 - 110)
2,4,6-Tribromophenol	50	(10 - 118)
	48	(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 #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD
Date Sampled...: 10/16/07 15:20 **Date Received..:** 10/17/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/23/07
Prep Batch #...: 7292538
Dilution Factor: 1 **% Moisture.....:** 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Chloroisopropyl) ether	37	(25 - 124)			SW846 8270C
	60 p	(25 - 124)	47	(0-30)	SW846 8270C
Pyridine	20	(10 - 110)			SW846 8270C
	31 p	(10 - 110)	41	(0-30)	SW846 8270C
Acenaphthene	**103**	**(10 - 200)**			**SW846 8270C**
	103	**(10 - 200)**	**0.50**	**(0-30)**	**SW846 8270C**
Acenaphthylene	63	(10 - 200)			SW846 8270C
	67	(10 - 200)	5.9	(0-30)	SW846 8270C
Acetophenone	44 a	(50 - 130)			SW846 8270C
	64 p	(50 - 130)	38	(0-30)	SW846 8270C
Anthracene	81	(10 - 200)			SW846 8270C
	79	(10 - 200)	2.5	(0-30)	SW846 8270C
Atrazine	89	(50 - 130)			SW846 8270C
	80	(50 - 130)	11	(0-30)	SW846 8270C
Benzo(a)anthracene	78	(10 - 200)			SW846 8270C
	77	(10 - 200)	1.9	(0-30)	SW846 8270C
Benzo(a)pyrene	78	(10 - 200)			SW846 8270C
	75	(10 - 200)	3.6	(0-30)	SW846 8270C
Benzo(b)fluoranthene	83	(10 - 200)			SW846 8270C
	84	(10 - 200)	1.2	(0-30)	SW846 8270C
Benzo(ghi)perylene	69	(10 - 200)			SW846 8270C
	68	(10 - 200)	1.7	(0-30)	SW846 8270C
Benzo(k)fluoranthene	78	(10 - 200)			SW846 8270C
	66	(10 - 200)	15	(0-30)	SW846 8270C
Benzaldehyde	46	(10 - 130)			SW846 8270C
	59	(10 - 130)	25	(0-30)	SW846 8270C
1,1'-Biphenyl	62	(50 - 130)			SW846 8270C
	68	(50 - 130)	7.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	54	(36 - 110)			SW846 8270C
	62	(36 - 110)	13	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	60	(32 - 118)			SW846 8270C
	70	(32 - 118)	16	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
bis(2-Ethylhexyl) phthalate	79	(10 - 200)			SW846 8270C
	67	(10 - 200)	17	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	74	(44 - 120)			SW846 8270C
	67	(44 - 120)	11	(0-30)	SW846 8270C
Butyl benzyl phthalate	75	(43 - 138)			SW846 8270C
	65	(43 - 138)	14	(0-30)	SW846 8270C
Caprolactam	84	(50 - 130)			SW846 8270C
	83	(50 - 130)	1.8	(0-30)	SW846 8270C
Carbazole	86	(10 - 162)			SW846 8270C
	78	(10 - 162)	9.7	(0-30)	SW846 8270C
4-Chloroaniline	53	(11 - 110)			SW846 8270C
	45	(11 - 110)	18	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	**72**	**(32 - 117)**			**SW846 8270C**
	65	**(32 - 117)**	**11**	**(0-30)**	**SW846 8270C**
2-Chloronaphthalene	60	(40 - 110)			SW846 8270C
	63	(40 - 110)	4.0	(0-30)	SW846 8270C
2-Chlorophenol	**52**	**(32 - 110)**			**SW846 8270C**
	63	**(32 - 110)**	**19**	**(0-30)**	**SW846 8270C**
4-Chlorophenyl phenyl ether	76	(47 - 116)			SW846 8270C
	68	(47 - 116)	12	(0-30)	SW846 8270C
Chrysene	77	(10 - 200)			SW846 8270C
	87	(10 - 200)	10	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	73	(10 - 200)			SW846 8270C
	67	(10 - 200)	8.5	(0-30)	SW846 8270C
Dibenzofuran	110	(10 - 200)			SW846 8270C
	110	(10 - 200)	0.45	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	35	(10 - 110)			SW846 8270C
	19 p	(10 - 110)	59	(0-30)	SW846 8270C
2,4-Dichlorophenol	68	(33 - 110)			SW846 8270C
	65	(33 - 110)	4.3	(0-30)	SW846 8270C
Diethyl phthalate	75	(48 - 118)			SW846 8270C
	69	(48 - 118)	9.0	(0-30)	SW846 8270C
2,4-Dimethylphenol	58	(19 - 114)			SW846 8270C
	61	(19 - 114)	5.2	(0-30)	SW846 8270C
Dimethyl phthalate	71	(47 - 116)			SW846 8270C
	65	(47 - 116)	8.8	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Di-n-butyl phthalate	82	(31 - 145)			SW846 8270C
	77	(31 - 145)	7.7	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	0.0 a	(10 - 110)			SW846 8270C
	52 p	(10 - 110)	200	(0-30)	SW846 8270C
2,4-Dinitrophenol	6.9 a	(10 - 110)			SW846 8270C
	46 p	(10 - 110)	148	(0-30)	SW846 8270C
2,4-Dinitrotoluene	**75**	**(42 - 118)**			**SW846 8270C**
	63	**(42 - 118)**	**18**	**(0-30)**	**SW846 8270C**
2,6-Dinitrotoluene	74	(28 - 137)			SW846 8270C
	62	(28 - 137)	19	(0-30)	SW846 8270C
Di-n-octyl phthalate	87	(10 - 182)			SW846 8270C
	75	(10 - 182)	15	(0-30)	SW846 8270C
Fluoranthene	112	(10 - 200)			SW846 8270C
	120	(10 - 200)	4.6	(0-30)	SW846 8270C
Fluorene	101	(10 - 187)			SW846 8270C
	99	(10 - 187)	1.4	(0-30)	SW846 8270C
Hexachlorobenzene	77	(37 - 122)			SW846 8270C
	65	(37 - 122)	17	(0-30)	SW846 8270C
Hexachlorobutadiene	59	(30 - 110)			SW846 8270C
	59	(30 - 110)	1.3	(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	32	(13 - 110)			SW846 8270C
	44 p	(13 - 110)	31	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	75	(10 - 200)			SW846 8270C
	74	(10 - 200)	1.4	(0-30)	SW846 8270C
Isophorone	54	(32 - 129)			SW846 8270C
	69	(32 - 129)	23	(0-30)	SW846 8270C
2-Methylnaphthalene	68	(10 - 200)			SW846 8270C
	75	(10 - 200)	9.5	(0-30)	SW846 8270C
2-Methylphenol	48	(19 - 124)			SW846 8270C
	65 p	(19 - 124)	31	(0-30)	SW846 8270C
4-Methylphenol	48	(27 - 116)			SW846 8270C
	68 p	(27 - 116)	34	(0-30)	SW846 8270C
Naphthalene	128	(10 - 200)			SW846 8270C
	94	(10 - 200)	26	(0-30)	SW846 8270C
2-Nitroaniline	78	(31 - 141)			SW846 8270C
	74	(31 - 141)	5.1	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
3-Nitroaniline	74	(24 - 110)			SW846 8270C
	62	(24 - 110)	18	(0-30)	SW846 8270C
4-Nitroaniline	82	(23 - 124)			SW846 8270C
	74	(23 - 124)	9.8	(0-30)	SW846 8270C
Nitrobenzene	48	(33 - 111)			SW846 8270C
	56	(33 - 111)	15	(0-30)	SW846 8270C
2-Nitrophenol	39	(17 - 110)			SW846 8270C
	47	(17 - 110)	18	(0-30)	SW846 8270C
4-Nitrophenol	**59**	**(10 - 125)**			**SW846 8270C**
	67	**(10 - 125)**	**11**	**(0-30)**	**SW846 8270C**
N-Nitrosodi-n-propyl-amine	**42**	**(30 - 121)**			**SW846 8270C**
	66 p	**(30 - 121)**	**44**	**(0-30)**	**SW846 8270C**
N-Nitrosodiphenylamine	74	(10 - 169)			SW846 8270C
	67	(10 - 169)	11	(0-30)	SW846 8270C
Pentachlorophenol	**23**	**(10 - 182)**			**SW846 8270C**
	34 p	**(10 - 182)**	**41**	**(0-30)**	**SW846 8270C**
Phenanthrene	76	(10 - 200)			SW846 8270C
	82	(10 - 200)	6.4	(0-30)	SW846 8270C
Phenol	**51**	**(10 - 144)**			**SW846 8270C**
	65	**(10 - 144)**	**24**	**(0-30)**	**SW846 8270C**
Pyrene	**99**	**(10 - 200)**			**SW846 8270C**
	100	**(10 - 200)**	**0.42**	**(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	54	(22 - 110)			SW846 8270C
	50	(22 - 110)	8.8	(0-30)	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Nitrobenzene-d5	48	(24 - 112)
	54	(24 - 112)
2-Fluorobiphenyl	56	(34 - 110)
	62	(34 - 110)
Terphenyl-d14	81	(41 - 119)
	74	(41 - 119)

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J86XJ1AL-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J170283-019 J86XJ1AM-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Phenol-d5	55	(28 - 110)
	67	(28 - 110)
2-Fluorophenol	56	(26 - 110)
	63	(26 - 110)
2,4,6-Tribromophenol	50	(10 - 118)
	48	(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.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: A7J190177 **Work Order #...:** J9FWL1AA **Matrix.....:** SOLID
MB Lot-Sample #: A7J190000-527
Prep Date.....: 10/20/07
Analysis Date..: 10/22/07 **Prep Batch #...:** 7292527
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	104	(10 - 196)
Decachlorobiphenyl	85	(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 #...: A7J190177 **Work Order #...:** J9FWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-527
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**330**	**310**	**ug/kg**	**92**	**SW846 8082**
Aroclor 1260	**330**	**300**	**ug/kg**	**89**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 196)
Decachlorobiphenyl	94	(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 #...: A7J190177 **Work Order #...:** J9FWL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: A7J190000-527
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**92**	**(34 - 127)**	**SW846 8082**
Aroclor 1260	**89**	**(32 - 141)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	90	(10 - 196)
Decachlorobiphenyl	94	(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 #...: A7J190177 **Work Order #...:** J9DGX1C7-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J190132-001 J9DGX1C8-MSD
Date Sampled...: 10/18/07 10:40 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
Dilution Factor: 1 **% Moisture.....:** 20

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**410**	**400**	**ug/kg**	**97**		**SW846 8082**
	ND	**410**	**380**	**ug/kg**	**91**	**6.4**	**SW846 8082**
Aroclor 1260	**ND**	**410**	**380**	**ug/kg**	**92**		**SW846 8082**
	ND	**410**	**360**	**ug/kg**	**88**	**4.5**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 196)
	84	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)
	82	(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 #...: A7J190177 **Work Order #...:** J9DGX1C7-MS **Matrix.....:** SOLID
MS Lot-Sample #: A7J190132-001 J9DGX1C8-MSD
Date Sampled...: 10/18/07 10:40 **Date Received..:** 10/19/07
Prep Date.....: 10/20/07 **Analysis Date..:** 10/22/07
Prep Batch #...: 7292527
Dilution Factor: 1 **% Moisture.....:** 20

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**97**	**(10 - 199)**			**SW846 8082**
	91	**(10 - 199)**	**6.4**	**(0-30)**	**SW846 8082**
Aroclor 1260	**92**	**(10 - 199)**			**SW846 8082**
	88	**(10 - 199)**	**4.5**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(10 - 196)
	84	(10 - 196)
Decachlorobiphenyl	86	(10 - 199)
	82	(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 #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A7J220000-024 **Prep Batch #...:** 7295024						
Aluminum	ND	16.0	mg/kg	SW846 6010B	10/22/07	J9JC61AC
		Dilution Factor: 1				
Antimony	**0.046 B**	**0.16**	**mg/kg**	**SW846 6020**	**10/22-10/23/07**	**J9JC61AV**
		Dilution Factor: 1				
Arsenic	ND	0.080	mg/kg	SW846 6020	10/22-10/23/07	J9JC61AW
		Dilution Factor: 1				
Barium	**0.091 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9JC61AD**
		Dilution Factor: 1				
Beryllium	ND	0.16	mg/kg	SW846 6010B	10/22/07	J9JC61AE
		Dilution Factor: 1				
Cadmium	ND	0.080	mg/kg	SW846 6010B	10/22/07	J9JC61AF
		Dilution Factor: 1				
Calcium	**16.7 B**	**400**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9JC61AG**
		Dilution Factor: 1				
Chromium	ND	0.40	mg/kg	SW846 6010B	10/22/07	J9JC61AT
		Dilution Factor: 1				
Cobalt	ND	0.40	mg/kg	SW846 6010B	10/22/07	J9JC61AH
		Dilution Factor: 1				
Copper	ND	0.80	mg/kg	SW846 6010B	10/22/07	J9JC61AJ
		Dilution Factor: 1				
Iron	ND	8.0	mg/kg	SW846 6010B	10/22/07	J9JC61AK
		Dilution Factor: 1				
Lead	ND	0.24	mg/kg	SW846 6010B	10/22/07	J9JC61AU
		Dilution Factor: 1				
Magnesium	ND	80.0	mg/kg	SW846 6010B	10/22/07	J9JC61AL
		Dilution Factor: 1				
Manganese	**0.29 B**	**0.80**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9JC61AM**
		Dilution Factor: 1				
Mercury	ND	0.040	mg/kg	SW846 7471A	10/22/07	J9JC61AA
		Dilution Factor: 1				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	ND	0.80	mg/kg	SW846 6010B	10/22/07	J9JC61AN
		Dilution Factor: 1				
Potassium	**17.5 B**	**400**	**mg/kg**	**SW846 6010B**	**10/22/07**	**J9JC61AP**
		Dilution Factor: 1				
Selenium	ND	0.17	mg/kg	SW846 6020	10/22-10/23/07	J9JC61AX
		Dilution Factor: 1				
Silver	ND	0.080	mg/kg	SW846 6020	10/22-10/23/07	J9JC61A0
		Dilution Factor: 1				
Sodium	ND	80.0	mg/kg	SW846 6010B	10/22/07	J9JC61AQ
		Dilution Factor: 1				
Thallium	ND	0.080	mg/kg	SW846 6020	10/22-10/23/07	J9JC61A1
		Dilution Factor: 1				
Vanadium	ND	0.80	mg/kg	SW846 6010B	10/22/07	J9JC61AR
		Dilution Factor: 1				
Zinc	ND	0.80	mg/kg	SW846 6020	10/22-10/23/07	J9JC61A2
		Dilution Factor: 1				

MB Lot-Sample #: A7J240000-025 **Prep Batch #...:** 7297025

Mercury	ND	0.040	mg/kg	SW846 7471A	10/24/07	J9NJ11AA
		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 #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J220000-024 **Prep Batch #...:** 7295024							
Mercury	0.83	0.91	mg/kg	109	SW846 7471A	10/22/07	J9JC61A3
			Dilution Factor: 1				
Aluminum	200	197	mg/kg	98	SW846 6010B	10/22/07	J9JC61A4
			Dilution Factor: 1				
Barium	200	196	mg/kg	98	SW846 6010B	10/22/07	J9JC61A5
			Dilution Factor: 1				
Beryllium	5.0	4.9	mg/kg	97	SW846 6010B	10/22/07	J9JC61A6
			Dilution Factor: 1				
Cadmium	5.0	4.7	mg/kg	94	SW846 6010B	10/22/07	J9JC61A7
			Dilution Factor: 1				
Calcium	5000	4700	mg/kg	94	SW846 6010B	10/22/07	J9JC61A8
			Dilution Factor: 1				
Cobalt	50.0	47.0	mg/kg	94	SW846 6010B	10/22/07	J9JC61A9
			Dilution Factor: 1				
Copper	25.0	25.4	mg/kg	101	SW846 6010B	10/22/07	J9JC61CA
			Dilution Factor: 1				
Iron	100	99.8	mg/kg	100	SW846 6010B	10/22/07	J9JC61CC
			Dilution Factor: 1				
Magnesium	5000	4730	mg/kg	95	SW846 6010B	10/22/07	J9JC61CD
			Dilution Factor: 1				
Manganese	50.0	48.3	mg/kg	97	SW846 6010B	10/22/07	J9JC61CE
			Dilution Factor: 1				
Nickel	50.0	47.7	mg/kg	95	SW846 6010B	10/22/07	J9JC61CF
			Dilution Factor: 1				
Potassium	5000	4830	mg/kg	97	SW846 6010B	10/22/07	J9JC61CG
			Dilution Factor: 1				
Sodium	5000	4770	mg/kg	95	SW846 6010B	10/22/07	J9JC61CH
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	50.0	48.5	mg/kg	97	SW846 6010B	10/22/07	J9JC61CJ
			Dilution Factor: 1				
Chromium	20.0	19.5	mg/kg	98	SW846 6010B	10/22/07	J9JC61CK
			Dilution Factor: 1				
Lead	50.0	46.0	mg/kg	92	SW846 6010B	10/22/07	J9JC61CL
			Dilution Factor: 1				
Antimony	50.0	49.3	mg/kg	99	SW846 6020	10/22-10/23/07	J9JC61CM
			Dilution Factor: 10				
Arsenic	10.0	8.4	mg/kg	84	SW846 6020	10/22-10/23/07	J9JC61CN
			Dilution Factor: 1				
Selenium	10.0	8.7	mg/kg	87	SW846 6020	10/22-10/23/07	J9JC61CP
			Dilution Factor: 1				
Silver	5.0	5.2	mg/kg	105	SW846 6020	10/22-10/23/07	J9JC61CQ
			Dilution Factor: 10				
Thallium	10.0	7.9	mg/kg	79	SW846 6020	10/22-10/23/07	J9JC61CR
			Dilution Factor: 1				
Zinc	10.0	8.6	mg/kg	86	SW846 6020	10/22-10/23/07	J9JC61CT
			Dilution Factor: 1				

LCS Lot-Sample#: A7J240000-025 **Prep Batch #...:** 7297025

Mercury	0.83	0.76	mg/kg	92	SW846 7471A	10/24/07	J9NJ11AC
			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 #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A7J220000-024 **Prep Batch #...:** 7295024					
Mercury	109	(81 - 116)	SW846 7471A Dilution Factor: 1	10/22/07	J9JC61A3
Aluminum	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61A4
Barium	98	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61A5
Beryllium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61A6
Cadmium	94	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61A7
Calcium	94	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61A8
Cobalt	94	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61A9
Copper	101	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CA
Iron	100	(73 - 137)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CC
Magnesium	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CD
Manganese	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CE
Nickel	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CF
Potassium	97	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CG
Sodium	95	(80 - 120)	SW846 6010B Dilution Factor: 1	10/22/07	J9JC61CH

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Vanadium	97	(80 - 120)	SW846 6010B	10/22/07	J9JC61CJ
		Dilution Factor: 1			
Chromium	98	(80 - 120)	SW846 6010B	10/22/07	J9JC61CK
		Dilution Factor: 1			
Lead	92	(80 - 120)	SW846 6010B	10/22/07	J9JC61CL
		Dilution Factor: 1			
Antimony	99	(80 - 120)	SW846 6020	10/22-10/23/07	J9JC61CM
		Dilution Factor: 10			
Arsenic	84	(73 - 110)	SW846 6020	10/22-10/23/07	J9JC61CN
		Dilution Factor: 1			
Selenium	87	(73 - 110)	SW846 6020	10/22-10/23/07	J9JC61CP
		Dilution Factor: 1			
Silver	105	(80 - 120)	SW846 6020	10/22-10/23/07	J9JC61CQ
		Dilution Factor: 10			
Thallium	79	(71 - 110)	SW846 6020	10/22-10/23/07	J9JC61CR
		Dilution Factor: 1			
Zinc	86	(72 - 113)	SW846 6020	10/22-10/23/07	J9JC61CT
		Dilution Factor: 1			

LCS Lot-Sample#: A7J240000-025 **Prep Batch #...:** 7297025

Mercury	92	(81 - 116)	SW846 7471A	10/24/07	J9NJ11AC
		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 #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J190177-001 **Prep Batch #...:** 7295024									
Aluminum									
	6320	238	7270	mg/kg			SW846 6010B	10/22/07	J9DWG1CD
			Qualifiers: NC,MSB						
	6320	238	9730	mg/kg			SW846 6010B	10/22/07	J9DWG1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Antimony									
	1.5	59.5	41.6 N	mg/kg	67		SW846 6020	10/22-10/23/07	J9DWG1DF
	1.5	59.5	31.1	mg/kg	50	29	SW846 6020	10/22-10/23/07	J9DWG1DG
			Qualifiers: N,*						
			Dilution Factor: 10						
Arsenic									
	6.9	11.9	14.9	mg/kg	68		SW846 6020	10/22-10/23/07	J9DWG1DH
	6.9	11.9	16.8	mg/kg	83	12	SW846 6020	10/22-10/23/07	J9DWG1DJ
			Dilution Factor: 1						
Barium									
	84.6	238	472 N	mg/kg	163		SW846 6010B	10/22/07	J9DWG1CF
	84.6	238	307 *	mg/kg	93	42	SW846 6010B	10/22/07	J9DWG1CG
			Dilution Factor: 1						
Beryllium									
	0.10	6.0	5.3	mg/kg	87		SW846 6010B	10/22/07	J9DWG1CH
	0.10	6.0	5.2	mg/kg	86	1.0	SW846 6010B	10/22/07	J9DWG1CJ
			Dilution Factor: 1						
Cadmium									
	1.5	6.0	11.9 N	mg/kg	176		SW846 6010B	10/22/07	J9DWG1CK
	1.5	6.0	6.5 *	mg/kg	85	58	SW846 6010B	10/22/07	J9DWG1CL
			Dilution Factor: 1						
Calcium									
	39200	5950	66100	mg/kg			SW846 6010B	10/22-10/23/07	J9DWG1CM
			Qualifiers: NC,MSB						
	39200	5950	24500 N	mg/kg	0.0	0.0	SW846 6010B	10/22/07	J9DWG1CN
			Dilution Factor: 5						
Chromium									
	18.3	23.8	46.6	mg/kg	119		SW846 6010B	10/22/07	J9DWG1DA
	18.3	23.8	41.3	mg/kg	97	12	SW846 6010B	10/22/07	J9DWG1DC
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	8.2	59.5	55.8	mg/kg	80		SW846 6010B	10/22/07	J9DWG1CP
	8.2	59.5	57.8	mg/kg	83	3.5	SW846 6010B	10/22/07	J9DWG1CQ
			Dilution Factor: 1						
Copper									
	67.1	29.8	234 N	mg/kg	559		SW846 6010B	10/22/07	J9DWG1CR
	67.1	29.8	97.2 *	mg/kg	101	82	SW846 6010B	10/22/07	J9DWG1CT
			Dilution Factor: 1						
Iron									
	38700	119	17500	mg/kg			SW846 6010B	10/22/07	J9DWG1CU
			Qualifiers: NC,MSB						
	38700	119	20300	mg/kg			SW846 6010B	10/22/07	J9DWG1CV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Lead									
	242	59.5	1420	mg/kg			SW846 6010B	10/22/07	J9DWG1DD
			Qualifiers: NC,MSB						
	242	59.5	265	mg/kg			SW846 6010B	10/22/07	J9DWG1DE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Magnesium									
	11100	5950	16000	mg/kg	83		SW846 6010B	10/22/07	J9DWG1CW
	11100	5950	11800	mg/kg	12	31	SW846 6010B	10/22/07	J9DWG1CX
			Qualifiers: N,*						
			Dilution Factor: 1						
Manganese									
	469	59.5	614	mg/kg			SW846 6010B	10/22/07	J9DWG1C0
			Qualifiers: NC,MSB						
	469	59.5	513	mg/kg			SW846 6010B	10/22/07	J9DWG1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
Nickel									
	20.0	59.5	73.3	mg/kg	90		SW846 6010B	10/22/07	J9DWG1C2
	20.0	59.5	72.7	mg/kg	88	0.91	SW846 6010B	10/22/07	J9DWG1C3
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium									
	1100	5950	6460	mg/kg	90		SW846 6010B	10/22/07	J9DWG1C4
	1100	5950	6580	mg/kg	92	1.7	SW846 6010B	10/22/07	J9DWG1C5
			Dilution Factor: 1						
Selenium									
	0.33	11.9	9.2	mg/kg	74		SW846 6020	10/22-10/23/07	J9DWG1DK
	0.33	11.9	9.5	mg/kg	77	3.7	SW846 6020	10/22-10/23/07	J9DWG1DL
			Dilution Factor: 1						
Silver									
	0.13	6.0	6.2	mg/kg	101		SW846 6020	10/22-10/23/07	J9DWG1DM
	0.13	6.0	6.1	mg/kg	101	0.53	SW846 6020	10/22-10/23/07	J9DWG1DN
			Dilution Factor: 10						
Sodium									
	182	5950	5370	mg/kg	87		SW846 6010B	10/22/07	J9DWG1C6
	182	5950	5170	mg/kg	84	4.0	SW846 6010B	10/22/07	J9DWG1C7
			Dilution Factor: 1						
Thallium									
	0.22	11.9	8.6	mg/kg	70		SW846 6020	10/22-10/23/07	J9DWG1DP
	0.22	11.9	8.7	mg/kg	72	2.2	SW846 6020	10/22-10/23/07	J9DWG1DQ
			Dilution Factor: 1						
Vanadium									
	17.9	59.5	73.4	mg/kg	93		SW846 6010B	10/22/07	J9DWG1C8
	17.9	59.5	74.3	mg/kg	95	1.2	SW846 6010B	10/22/07	J9DWG1C9
			Dilution Factor: 1						
Zinc									
	122	11.9	129	mg/kg			SW846 6020	10/22-10/23/07	J9DWG1DR
			Qualifiers: NC,MSB						
	122	11.9	150	mg/kg			SW846 6020	10/22-10/23/07	J9DWG1DT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						

MS Lot-Sample #: A7J190177-001 **Prep Batch #...:** 7297025

Mercury									
	0.44	0.20	0.53	mg/kg	45		SW846 7471A	10/24/07	J9DWG1GC
	0.44	0.20	0.41 N	mg/kg	0.0	0.0	SW846 7471A	10/24/07	J9DWG1GD
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

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.

* 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 #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A7J190177-001 **Prep Batch #...:** 7295024							
Aluminum	NC,MSB	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/22/07	J9DWG1CE
		Dilution Factor: 1					
Antimony	67 N	(75 - 125)			SW846 6020	10/22-10/23/07	J9DWG1DF
	50 N,*	(75 - 125)	29	(0-20)	SW846 6020	10/22-10/23/07	J9DWG1DG
		Dilution Factor: 10					
Arsenic	68	(23 - 131)			SW846 6020	10/22-10/23/07	J9DWG1DH
	83	(23 - 131)	12	(0-20)	SW846 6020	10/22-10/23/07	J9DWG1DJ
		Dilution Factor: 1					
Barium	163 N	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CF
	93 *	(75 - 125)	42	(0-20)	SW846 6010B	10/22/07	J9DWG1CG
		Dilution Factor: 1					
Beryllium	87	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CH
	86	(75 - 125)	1.0	(0-20)	SW846 6010B	10/22/07	J9DWG1CJ
		Dilution Factor: 1					
Cadmium	176 N	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CK
	85 *	(75 - 125)	58	(0-20)	SW846 6010B	10/22/07	J9DWG1CL
		Dilution Factor: 1					
Calcium	NC,MSB	(75 - 125)			SW846 6010B	10/22-10/23/07	J9DWG1CM
	0.0 N	(75 - 125)	0.0	(0-20)	SW846 6010B	10/22/07	J9DWG1CN
		Dilution Factor: 5					
Chromium	119	(75 - 125)			SW846 6010B	10/22/07	J9DWG1DA
	97	(75 - 125)	12	(0-20)	SW846 6010B	10/22/07	J9DWG1DC
		Dilution Factor: 1					
Cobalt	80	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CP
	83	(75 - 125)	3.5	(0-20)	SW846 6010B	10/22/07	J9DWG1CQ
		Dilution Factor: 1					
Copper	559 N	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CR
	101 *	(75 - 125)	82	(0-20)	SW846 6010B	10/22/07	J9DWG1CT
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	NC,MSB	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CU
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/22/07	J9DWG1CV
		Dilution Factor: 1					
Lead	NC,MSB	(75 - 125)			SW846 6010B	10/22/07	J9DWG1DD
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/22/07	J9DWG1DE
		Dilution Factor: 1					
Magnesium	83	(75 - 125)			SW846 6010B	10/22/07	J9DWG1CW
	12 N,*	(75 - 125)	31	(0-20)	SW846 6010B	10/22/07	J9DWG1CX
		Dilution Factor: 1					
Manganese	NC,MSB	(75 - 125)			SW846 6010B	10/22/07	J9DWG1C0
	NC,MSB	(75 - 125)		(0-20)	SW846 6010B	10/22/07	J9DWG1C1
		Dilution Factor: 1					
Nickel	90	(75 - 125)			SW846 6010B	10/22/07	J9DWG1C2
	88	(75 - 125)	0.91	(0-20)	SW846 6010B	10/22/07	J9DWG1C3
		Dilution Factor: 1					
Potassium	90	(75 - 125)			SW846 6010B	10/22/07	J9DWG1C4
	92	(75 - 125)	1.7	(0-20)	SW846 6010B	10/22/07	J9DWG1C5
		Dilution Factor: 1					
Selenium	74	(39 - 116)			SW846 6020	10/22-10/23/07	J9DWG1DK
	77	(39 - 116)	3.7	(0-20)	SW846 6020	10/22-10/23/07	J9DWG1DL
		Dilution Factor: 1					
Silver	101	(75 - 125)			SW846 6020	10/22-10/23/07	J9DWG1DM
	101	(75 - 125)	0.53	(0-20)	SW846 6020	10/22-10/23/07	J9DWG1DN
		Dilution Factor: 10					
Sodium	87	(75 - 125)			SW846 6010B	10/22/07	J9DWG1C6
	84	(75 - 125)	4.0	(0-20)	SW846 6010B	10/22/07	J9DWG1C7
		Dilution Factor: 1					
Thallium	70	(62 - 110)			SW846 6020	10/22-10/23/07	J9DWG1DP
	72	(62 - 110)	2.2	(0-20)	SW846 6020	10/22-10/23/07	J9DWG1DQ
		Dilution Factor: 1					
Vanadium	93	(75 - 125)			SW846 6010B	10/22/07	J9DWG1C8
	95	(75 - 125)	1.2	(0-20)	SW846 6010B	10/22/07	J9DWG1C9
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 08:20 **Date Received..:** 10/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	NC,MSB	(10 - 199)			SW846 6020	10/22-10/23/07	J9DWG1DR
	NC,MSB	(10 - 199)		(0-20)	SW846 6020	10/22-10/23/07	J9DWG1DT

Dilution Factor: 1

MS Lot-Sample #: A7J190177-001 **Prep Batch #...:** 7297025

Mercury	45	(11 - 192)			SW846 7471A	10/24/07	J9DWG1GC
	0.0 N	(11 - 192)	0.0	(0-20)	SW846 7471A	10/24/07	J9DWG1GD

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 #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J9KV21AA		MB Lot-Sample #:	A7J220000-502	
	ND	0.20	mg/kg	SW846 9012A	10/22/07	7295502
		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 #: J9E4H1AA		MB Lot-Sample #:	A7J190000-448	
	ND	10.0	%	MCAWW 160.3 MOD	10/19-10/20/07	7292448
		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 #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			Work Order #: J9KV21AC		LCS Lot-Sample#: A7J220000-502		
	18.5	16.4	mg/kg	89	SW846 9012A	10/22/07	7295502
			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 #...: A7J190177 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		Work Order #: J9KV21AC	LCS Lot-Sample#: A7J220000-502		
	89	(68 - 123)	SW846 9012A	10/22/07	7295502
		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 #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total			WO#: J9DXR1CA-MS/J9DXR1CC-MSD				MS Lot-Sample #: A7J190177-004		
	ND	2.1	2.2	mg/kg	101		SW846 9012A	10/22/07	7295502
	ND	2.1	2.0	mg/kg	91	11	SW846 9012A	10/22/07	7295502
			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 #...: A7J190177 **Matrix.....:** SO
Date Sampled...: 10/18/07 15:50 **Date Received..:** 10/19/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Cyanide, Total		WO#: J9DXR1CA-MS/J9DXR1CC-MSD				MS Lot-Sample #: A7J190177-004	
	101	(50 - 134)			SW846 9012A	10/22/07	7295502
	91	(50 - 134)	11	(0-20)	SW846 9012A	10/22/07	7295502

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 #...: A7J190177 **Work Order #...:** J9DG2-SMP J9DG2-DUP **Matrix.....:** SOLID

Date Sampled...: 10/18/07 11:35 **Date Received..:** 10/19/07

% Moisture.....: 20

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J190132-004		
	79.5	80.3	%	0.94	(0-20)	MCAWW 160.3 MOD	10/19-10/20/07	7292448

Dilution Factor: 1

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A7J190177 **Work Order #...:** J9DV1-SMP **Matrix.....:** SOLID
J9DV1-DUP
Date Sampled...: 10/17/07 15:25 **Date Received..:** 10/19/07
% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Solids						SD Lot-Sample #: A7J190174-005		
	85.9	86.6	%	0.80	(0-20)	MCAWW 160.3 MOD	10/19-10/20/07	7292448

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		

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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

(Continued on next page)

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

(Continued on next page)

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

(Continued on next page)

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

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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
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

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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
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

(Continued on next page)

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

(Continued on next page)

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

(Continued on next page)

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)

(Continued on next page)

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

(Continued on next page)

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						

(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 #
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						

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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 #
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					

(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 #
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

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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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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

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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 08439

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	Sitespecific 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

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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

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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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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		

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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 #
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	

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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 #
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	

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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 #
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	

(Continued on next page)

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.

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END OF REPORT

APPENDIX E

DATA QUALITY ASSESSMENT AND VALIDATION MEMORANDUM

CONESTOGA-ROVERS & ASSOCIATES

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Plymouth, Michigan 48170
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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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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
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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

APPENDIX F

ENVIRON DATA SCREENING AND RISK EVALUATION

ENVIRON

December 19, 2008

MEMORANDUM

To: Geraldine Barnuevo, GM

cc: Marilyn Dedyne, GM
Fred Rindhage, GM
Jean Caufield, GM
Laura Fitzpatrick, Esq., GM

From: Francis Ramacciotti
Steve Song

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

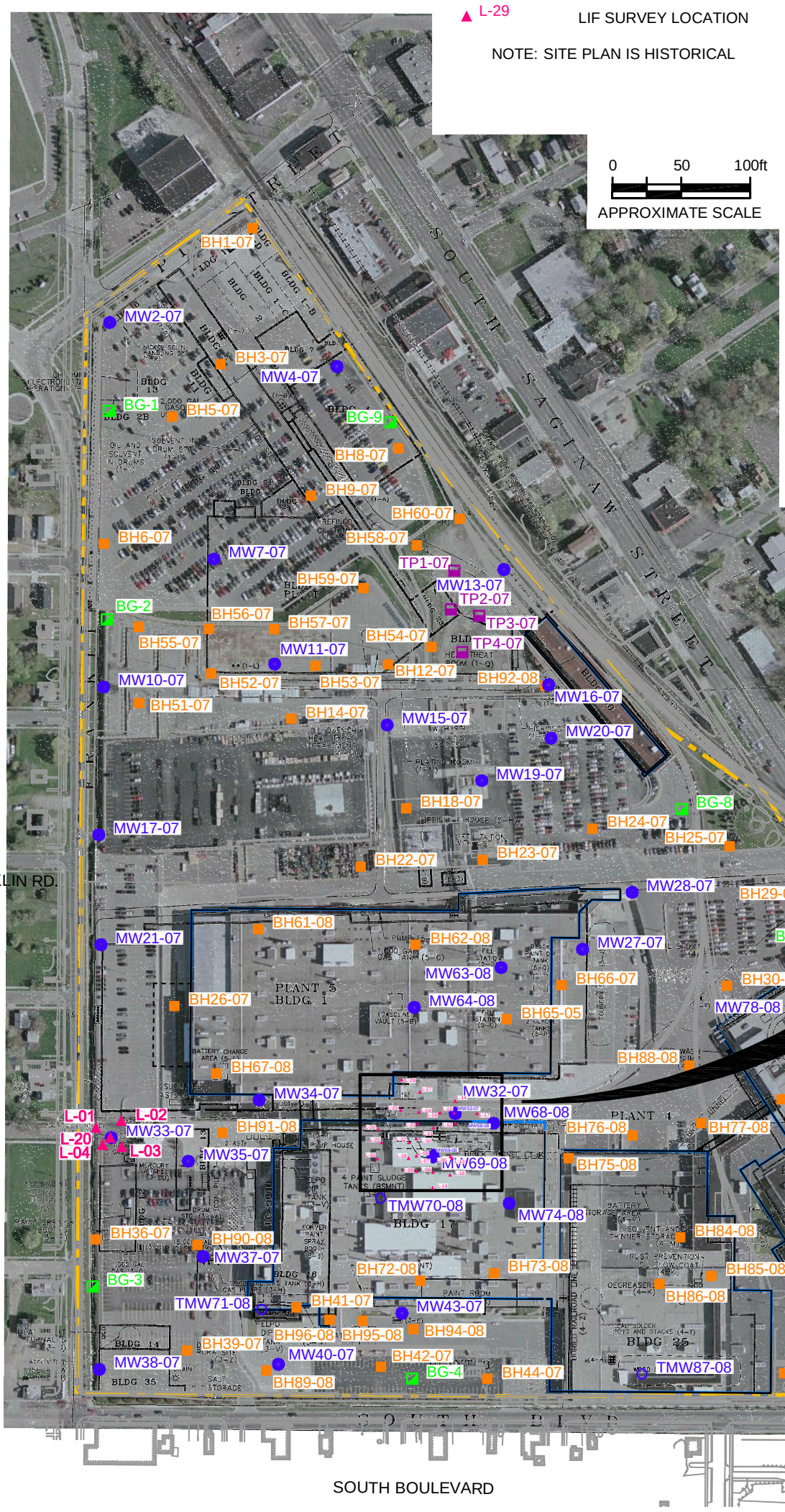
LEGEND

- 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

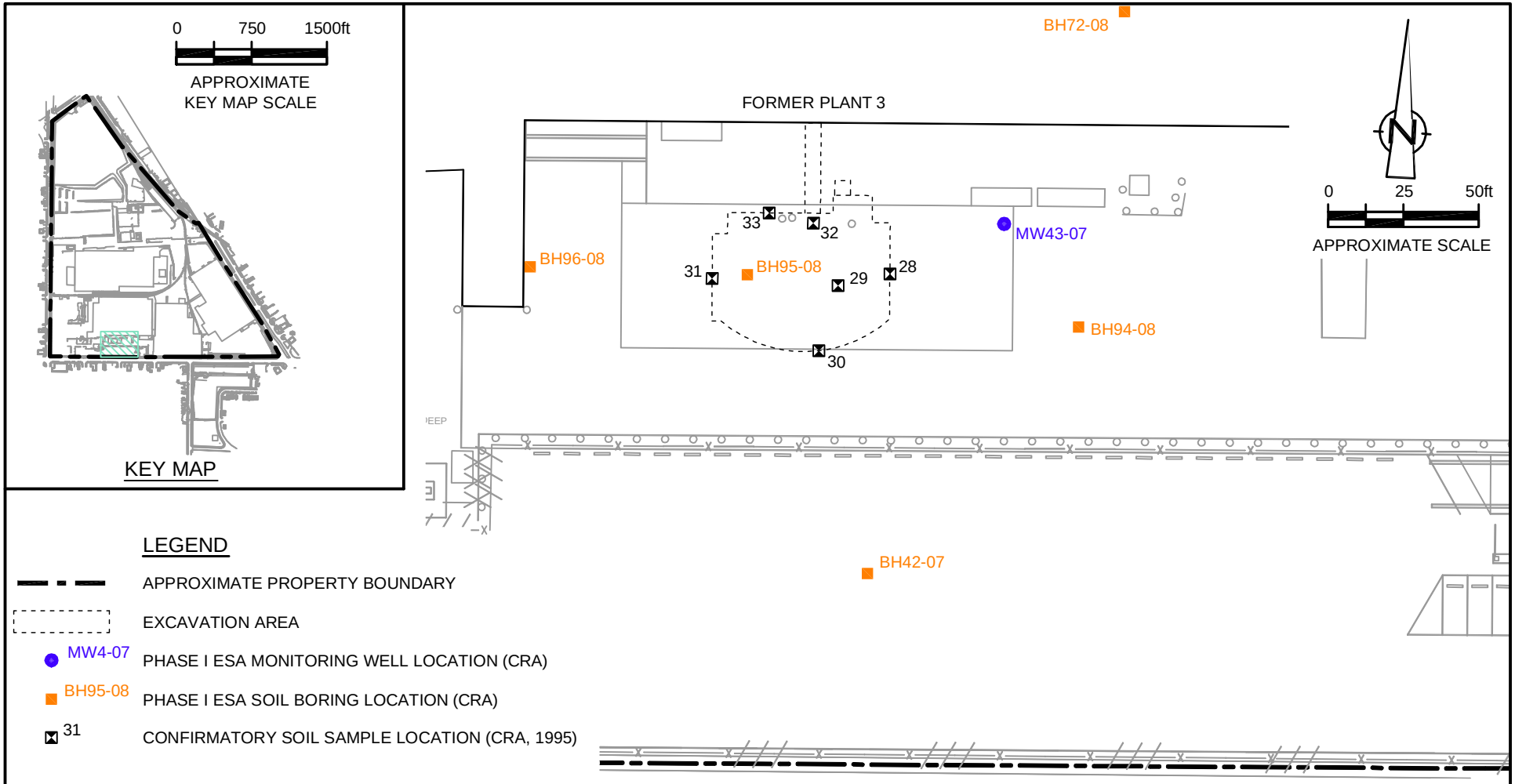


HISTORICAL SITE PLAN SOURCE: GENERAL MOTORS CORPORATION NORTH AMERICA TRUCK PLATFORM WEST FACILITY PONTIAC, MICHIGAN, THE TRAVERSE GROUP, DRAFT PHASE I ENVIRONMENTAL ASSESSMENT, DECEMBER 19, 1994.

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.

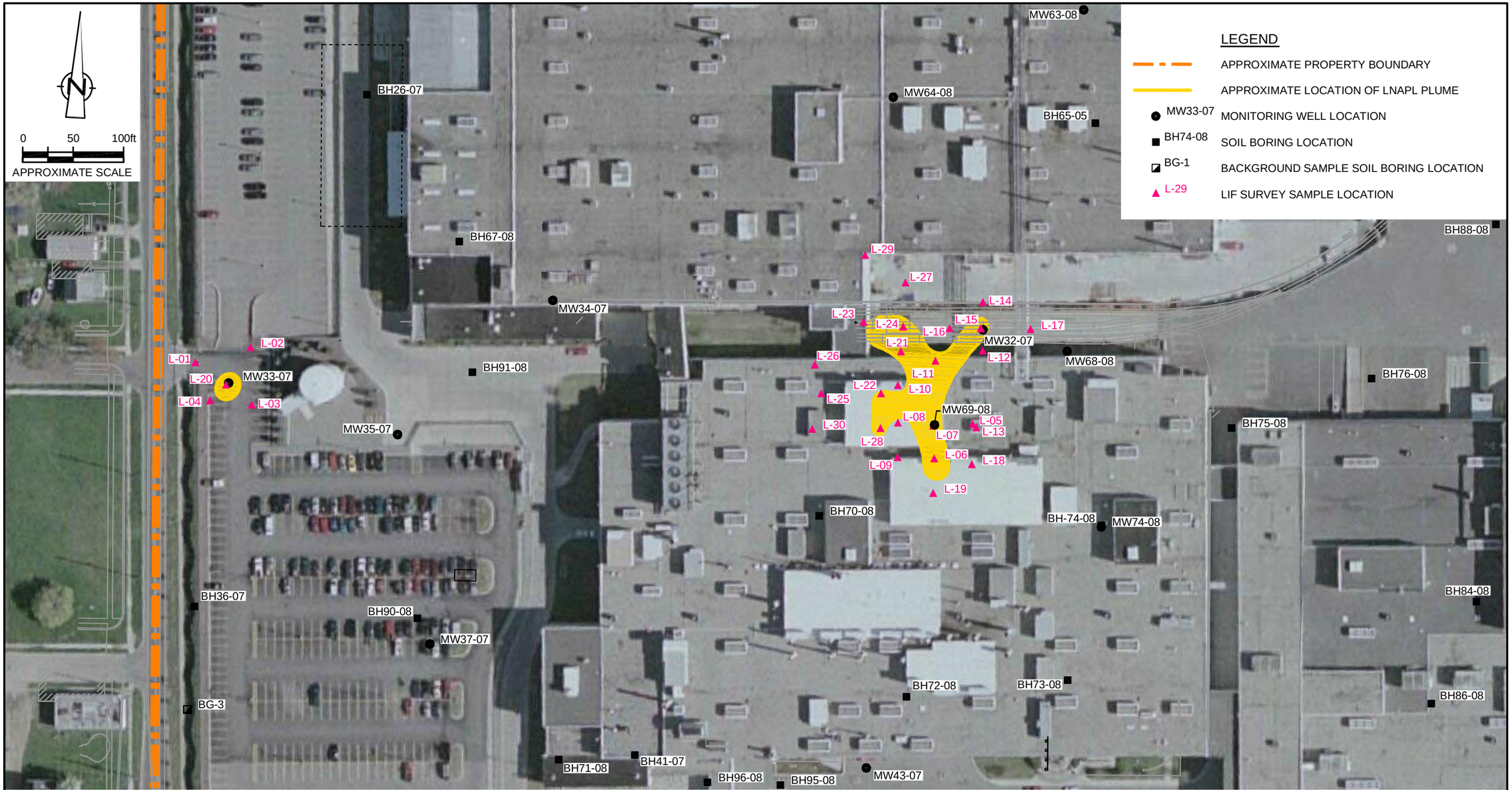
SOURCE: GIFFELS ASSOCIATES, INC., FEBRUARY 27, 1995

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